

Converting Colors

XYZ(106.9393, 149.1344,
87.0668)

Have a look what the booklet for
XYZ(106.9393, 149.1344, 87.0668)
contains.

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Color

**XYZ(78.3290, 92.0630,
77.2599)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|-----------------------------|
| Hex | DFFFD6 |
| RGB | 223, 255, 214 |
| RGB Percent | 87%, 100%, 84% |
| CMY | 0.1255, 0.0000, 0.1608 |
| CMYK | 0.13, 0.00, 0.16, 0.00 |
| HSL | 107°, 100%, 92% |
| HSV | 107°, 16%, 100% |
| XYZ | 78.3290, 92.0630, 77.2599 |
| YIQ | 240.7580, -5.9110, -19.5350 |

Conversions

Conversions Part 2

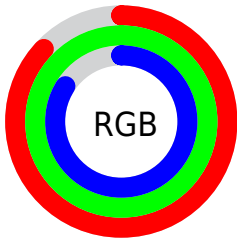
| Format | Color |
|--|--|
| RYB | 214, 255, 246 |
| Decimal | 14680022 |
| CIELab | 96.85, -17.63, 16.18 |
| CIELCh | 97, 23.927, 137.463 |
| Yxy | 92.0630, 0.3163, 0.3717 |
| Android (android.graphics.Color) | 4292870102 (0xFFDFFFD6) |
| YUV | 240.7580, -13.1917, -15.5738 |
| Hunter-Lab | 95.9495, -22.1919, 19.4235 |

Details

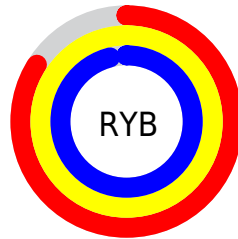
The XYZ color **78.3290, 92.0630, 77.2599** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **80.1034, 74.9072, 104.8444**, and the grayscale version is **83.5220, 87.8717, 95.6923**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **42.6005, 51.2162, 40.4413** is the 20% darker color. If you saturate the color by 10%, you get **69.5468, 87.8829, 61.1588**, and if you desaturate by 10%, it is **88.3433, 96.8193, 96.0826**.

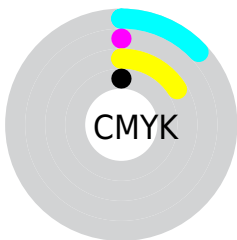
Distribution



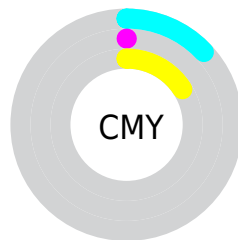
- Red (87%)
- Green (100%)
- Blue (84%)



- Red (84%)
- Yellow (100%)
- Blue (96%)



- Cyan (13%)
- Magenta (0%)
- Yellow (16%)
- Black (0%)





- Cyan (13%)
- Magenta (0%)
- Yellow (16%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 78.3290, 92.0630, 77.2599 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the XYZ color 78.3290, 92.0630, 77.2599 by changing the saturation by 10% instead.


 78.3290, 92.0630,
77.2599

 78.3290, 92.0630,
77.2599


478.1062,
534.7191, 505.1109

 58.6480, 69.6930,
56.9534


129.9767,
150.2007, 131.2827

 42.5751, 51.2763,
40.5587


162.6742,
186.7372, 165.8360

 29.7450, 36.4285,
27.6573


200.4411,
228.7645, 205.9753

 19.7922, 24.7653,
17.8307

243.6429,
276.6672, 252.1191

 12.3515, 15.9023,
10.6603

292.6450,
330.8296, 304.6861

 7.0574, 9.4550,
5.7276

347.8127,

 3.5447, 5.0392,

391.6362, 364.0947

2.6141

409.5113,
459.4712, 430.7634

■ 1.4479, 2.2703,
0.8997

■ 0.2900, 0.7579,
0.0000

■ 78.3290, 92.0630,
77.2599

■ 78.3290, 92.0630,
77.2599

■ 69.5468, 87.8829,
61.1588

■ 88.3433, 96.8193,
96.0826

■ 61.9461, 84.2557,
47.6494

95.0500, 100.0000,
108.9000

■ 55.4758, 81.1581,
36.5974

■ 50.0801, 78.5644,
27.8548

■ 45.6983, 76.4470,
21.2577

■ 42.2632, 74.7752,
16.6207

■ 39.6987, 73.5145,
13.7269

■ 37.9148, 72.6245,
12.3068

■ 37.3894, 72.3600,
11.9963

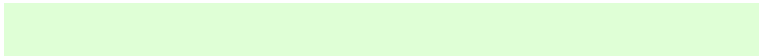
Harmonies

Analogous

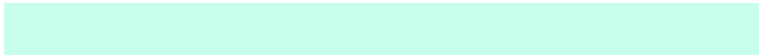
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



83.6850, 92.0630, 68.9401



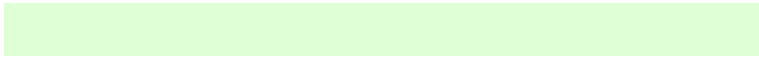
78.3290, 92.0630, 77.2599



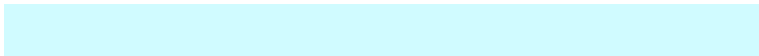
75.4936, 92.0630, 92.4257

Triad

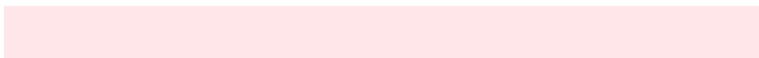
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



78.3290, 92.0630, 77.2599



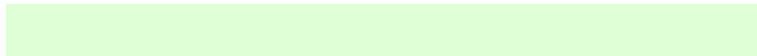
84.7299, 92.0630, 140.8480



100.4080, 92.0630, 89.5476

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



78.3290, 92.0630, 77.2599



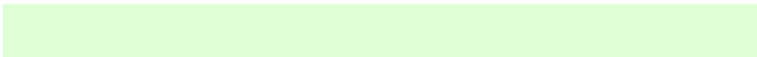
80.1034, 74.9072, 104.8444

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



100.7232, 92.0630, 108.4848



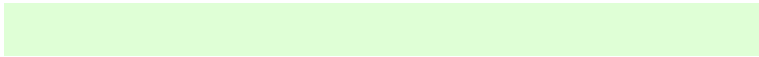
78.3290, 92.0630, 77.2599



91.4357, 92.0630, 139.8185

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



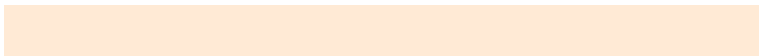
78.3290, 92.0630, 77.2599



79.0602, 92.0630, 130.0345



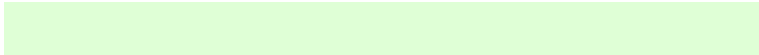
97.3670, 92.0630, 127.3794



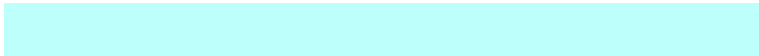
96.5267, 92.0630, 75.3858

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



78.3290, 92.0630, 77.2599



75.3139, 92.0630, 105.1215



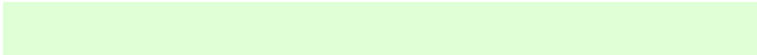
97.3670, 92.0630, 127.3794



100.9413, 92.0630, 95.5138

Sweetspot

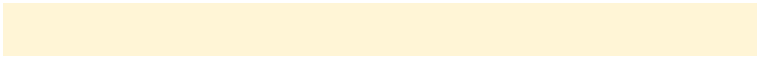
The Sweet Spot groups the original color and five complimentary colors.



78.3297, 92.0633, 77.2613



89.4978, 97.3671, 98.2781



86.1617, 91.6828, 76.7751



18.9947, 20.7639, 20.7283



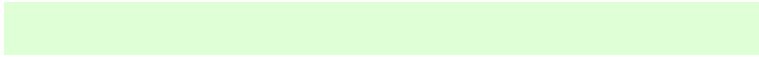
0.0000, 0.0000, 0.0000



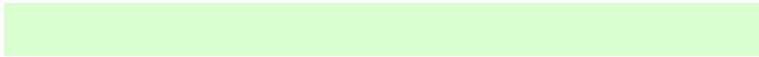
20.3446, 21.4041, 23.3091

Same Dimension

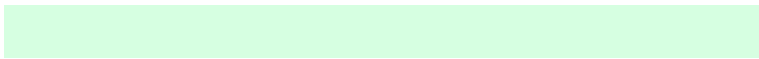
The Same Dimension uses a secret algorithm to generate beautiful new colors.



78.3297, 92.0633, 77.2613



75.6378, 90.7831, 72.2798



77.0739, 91.2491, 84.7382



18.1443, 20.3603, 19.1180



19.6394, 37.8626, 6.2731



2.0003, 3.7320, 0.6149

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



80.1034, 74.9072, 104.8444



77.6890, 70.9264, 104.2032



81.6264, 75.8899, 95.9875



18.3796, 18.0874, 22.7725



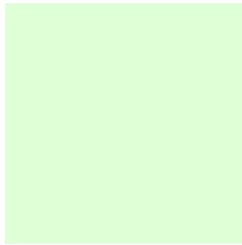
21.8753, 10.1876, 50.2480



2.2217, 1.0393, 4.8968

Previews

White Background



This preview shows how the XYZ color 78.3290, 92.0630, 77.2599 looks on a white background.

Color Contrast Check

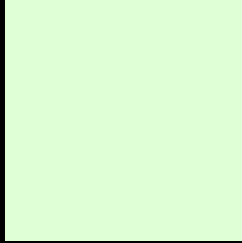
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the XYZ color 78.3290, 92.0630, 77.2599 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

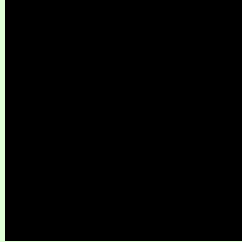
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

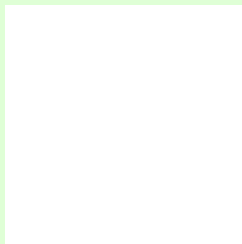
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 78.3290, 92.0630, 77.2599

Background



This preview shows how black text looks on a background with the XYZ color 78.3290, 92.0630, 77.2599.



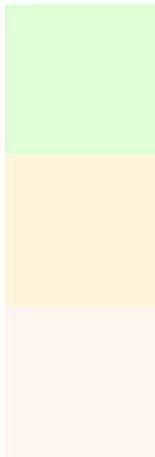
This preview shows how white text looks on a background with the XYZ color 78.3290, 92.0630,

77.2599.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

78.3290, 92.0630, 77.2599

Protanopia

86.6786, 91.6793, 80.1453

Deuteranopia

88.8706, 91.5932, 94.6566



Tritanopia

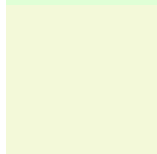
86.9409, 91.6568, 107.7170

Trichromacy



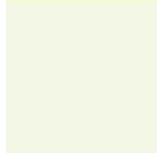
Original Color

78.3290, 92.0630, 77.2599



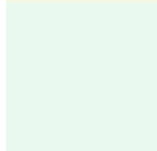
Protanomaly

83.3622, 91.8158, 78.9742



Deuteranomaly

84.5058, 91.2894, 88.0296



Tritanomaly

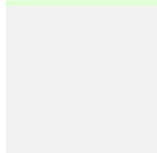
83.5355, 91.5351, 95.7033

Monochromacy



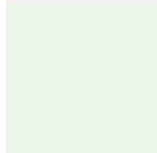
Original Color

78.3290, 92.0630, 77.2599



Achromatopsia

83.6081, 87.9622, 95.7909



Achromatomaly

81.3113, 89.1735, 88.5279

CSS Examples

Text

The CSS property to change the color of the text to XYZ 78.3290, 92.0630, 77.2599 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(223, 255, 214)` looks like.

```
.text, #text, p{  
    color:rgb(223, 255, 214)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(223, 255, 214) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(223, 255, 214) }
```

Border

The CSS property to change the border of an element to XYZ 78.3290, 92.0630, 77.2599 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(223, 255, 214) }
```


If only the border color should be changed use the property border-color.

```
.border{ border-color:rgb(223, 255, 214) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel rgb(223, 255, 214) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(223, 255, 214); -webkit-box-  
shadow:4px 4px 4px 4px rgb(223, 255, 214);  
box-shadow:4px 4px 4px 4px rgb(223, 255,  
214) }
```

Background

The CSS property to change the background color of an element to XYZ 78.3290, 92.0630, 77.2599 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(223, 255, 214) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(223,  
255, 214) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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