

Converting Colors

XYZ(91.2879, 117.9147,
77.1031)

Have a look what the booklet for
XYZ(91.2879, 117.9147, 77.1031)
contains.

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Color

**XYZ(78.3865, 92.1937,
72.6952)**

Conversions

Conversions Part 1

Format	Color
Hex	E2FFCF
RGB	226, 255, 207
RGB Percent	89%, 100%, 81%
CMY	0.1137, 0.0000, 0.1882
CMYK	0.11, 0.00, 0.19, 0.00
HSL	96°, 100%, 91%
HSV	96°, 19%, 100%
XYZ	78.3865, 92.1937, 72.6952
YIQ	240.8570, -1.8760, -21.0760

Conversions

Conversions Part 2

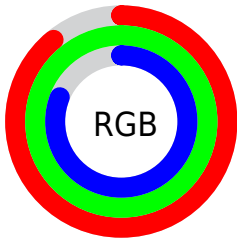
Format	Color
RYB	207, 255, 236
Decimal	14876623
CIELab	96.90, -17.75, 19.85
CIElCh	97, 26.628, 131.792
Yxy	92.1937, 0.3222, 0.3790
Android (android.graphics.Color)	4293066703 (0xFFE2FFCF)
YUV	240.8570, -16.6915, -13.0296
Hunter-Lab	96.0176, -22.3075, 22.3236

Details

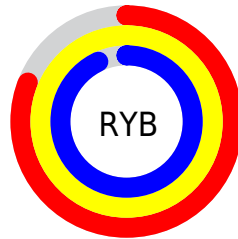
The XYZ color **78.3865, 92.1937, 72.6952** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **74.9557, 69.6797, 104.1067**, and the grayscale version is **83.6243, 87.9793, 95.8094**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **42.5214, 51.2341, 37.7850** is the 20% darker color. If you saturate the color by 10%, you get **70.9001, 88.6660, 57.3641**, and if you desaturate by 10%, it is **86.8118, 96.1473, 90.7012**.

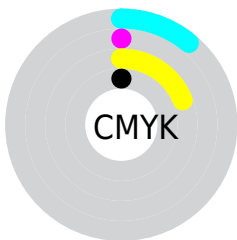
Distribution



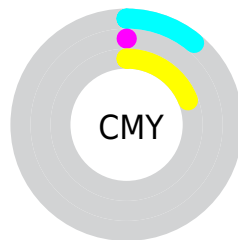
- Red (89%)
- Green (100%)
- Blue (81%)



- Red (81%)
- Yellow (100%)
- Blue (93%)



- Cyan (11%)
- Magenta (0%)
- Yellow (19%)
- Black (0%)





- Cyan (11%)
- Magenta (0%)
- Yellow (19%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 78.3865, 92.1937, 72.6952 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 78.3865, 92.1937, 72.6952 by changing the saturation by 10% instead.


 78.3865, 92.1937,
72.6952

 78.3865, 92.1937,
72.6952


478.2982,
535.1413, 489.0002

 58.6954, 69.8015,
53.2365


130.0573,
150.3818, 124.7613

 42.6134, 51.3647,
37.6026


162.7677,
186.9466, 158.2058

 29.7751, 36.4990,
25.3749


200.5487,
229.0043, 197.1492

 19.8152, 24.8198,
16.1351

243.7655,
276.9394, 242.0102

 12.3682, 15.9429,
9.4644

292.7834,
331.1362, 293.2072

 7.0690, 9.4837,
4.9444

347.9680,

 3.5520, 5.0580,

391.9792, 351.1589

2.1565

409.6845,
459.8528, 416.2837

■ 1.4519, 2.2813,
0.6491

■ 0.2928, 0.7638,
0.0000

■ 78.3865, 92.1937,
72.6952

■ 78.3865, 92.1937,
72.6952

■ 70.9001, 88.6660,
57.3641

■ 86.8118, 96.1473,
90.7012

■ 64.3153, 85.5476,
44.5760

95.0500, 100.0000,
108.9000

■ 58.5948, 82.8224,
34.1943

■ 53.6974, 80.4725,
26.0678

■ 49.5785, 78.4786,
20.0281

■ 46.1879, 76.8189,
15.8835

■ 43.4682, 75.4688,
13.4063

■ 41.3414, 74.3954,
12.2670

■ 41.1198, 74.2831,
12.1708

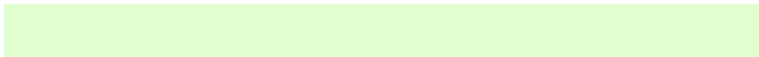
Harmonies

Analogous

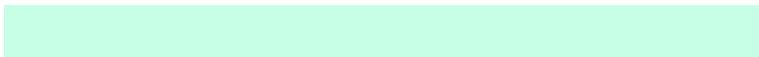
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



84.7205, 92.1937, 65.2160



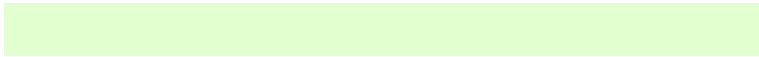
78.3865, 92.1937, 72.6952



74.6612, 92.1937, 88.0535

Triad

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



78.3865, 92.1937, 72.6952



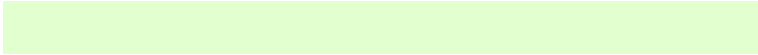
83.2092, 92.1937, 144.8216



102.4758, 92.1937, 92.1976

Complementary

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



78.3865, 92.1937, 72.6952



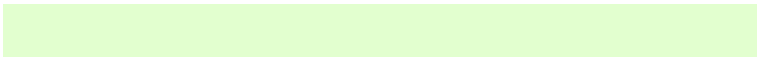
74.9557, 69.6797, 104.1067

Split Complementary

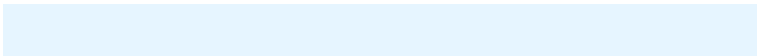
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



102.0140, 92.1937, 113.8135



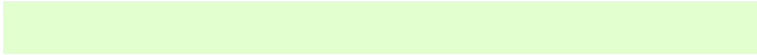
78.3865, 92.1937, 72.6952



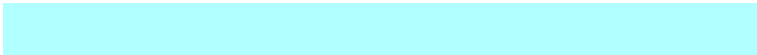
90.6000, 92.1937, 146.3505

Square

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



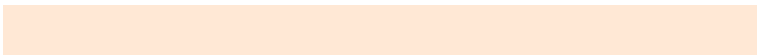
78.3865, 92.1937, 72.6952



77.3344, 92.1937, 130.4162



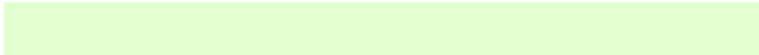
97.5673, 92.1937, 134.3364



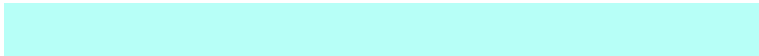
98.7953, 92.1937, 75.3560

Rectangle

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



78.3865, 92.1937, 72.6952



74.0220, 92.1937, 101.6772



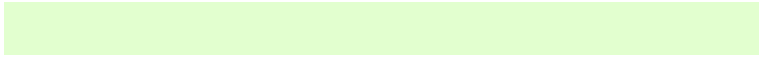
97.5673, 92.1937, 134.3364



102.8053, 92.1937, 99.1004

Sweetspot

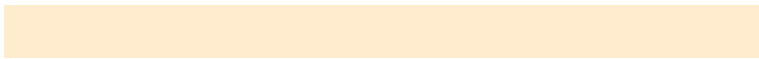
The Sweet Spot groups the original color and five complimentary colors.



78.3871, 92.1940, 72.6966



89.3642, 97.3422, 96.2835



82.4409, 85.6414, 71.2181



18.9997, 20.7754, 20.3279



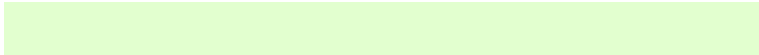
0.0000, 0.0000, 0.0000



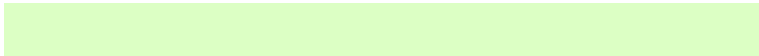
20.3446, 21.4041, 23.3091

Same Dimension

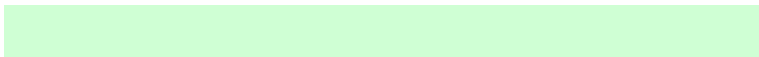
The Same Dimension uses a secret algorithm to generate beautiful new colors.



78.3871, 92.1940, 72.6966



75.1475, 90.6694, 65.9739



73.3514, 89.5292, 75.5712



18.4518, 20.5188, 19.1323



21.6423, 38.8951, 6.3668



2.2260, 3.8483, 0.6255

Inverse Universe

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



74.9557, 69.6797, 104.1067



71.0778, 63.9777, 103.2105



80.8401, 72.8013, 100.3985



18.0561, 17.9206, 22.7573



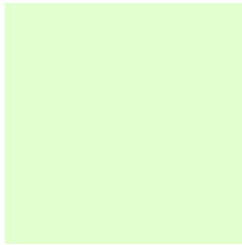
16.5739, 7.4547, 49.9999



1.7368, 0.7893, 4.8741

Previews

White Background



This preview shows how the XYZ color 78.3865, 92.1937, 72.6952 looks on a white background.

Color Contrast Check

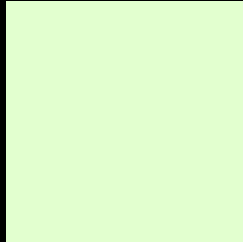
Large Text (above 18pt) WCAG AA × Fail

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 78.3865, 92.1937, 72.6952 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

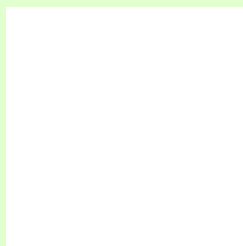
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 78.3865, 92.1937, 72.6952

Background



This preview shows how black text looks on a background with the XYZ color 78.3865, 92.1937, 72.6952.



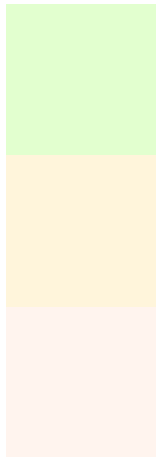
This preview shows how white text looks on a background with the XYZ color 78.3865, 92.1937,

72.6952.

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

78.3865, 92.1937, 72.6952

Protanopia

86.6786, 91.6793, 80.1453

Deuteranopia

89.0233, 92.1344, 93.9806

Tritanopia

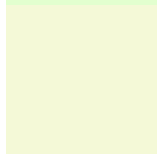
87.2814, 91.8323, 107.7329

Trichromacy



Original Color

78.3865, 92.1937, 72.6952



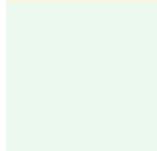
Protanomaly

83.4497, 91.8908, 77.6284



Deuteranomaly

84.7408, 91.9140, 85.9479



Tritanomaly

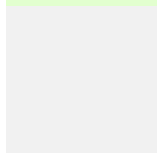
83.9004, 91.7573, 94.1778

Monochromacy



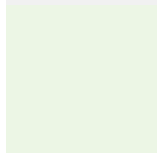
Original Color

78.3865, 92.1937, 72.6952



Achromatopsia

83.6081, 87.9622, 95.7909



Achromatomaly

81.6907, 89.4015, 87.0794

CSS Examples

Text

The CSS property to change the color of the text to XYZ 78.3865, 92.1937, 72.6952 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(226, 255, 207)` looks like.

```
.text, #text, p{  
    color:rgb(226, 255, 207)  
}
```

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(226, 255, 207) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(226, 255, 207) }
```

Border

The CSS property to change the border of an element to XYZ 78.3865, 92.1937, 72.6952 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(226, 255, 207) }
```


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

```
.border{ border-color:rgb(226, 255, 207) }
```

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

Here you see how a box with a 4 pixel `rgb(226, 255, 207)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(226, 255, 207); -webkit-box-  
shadow:4px 4px 4px 4px rgb(226, 255, 207);  
box-shadow:4px 4px 4px 4px rgb(226, 255,  
207) }
```

Background

The CSS property to change the background color of an element to XYZ 78.3865, 92.1937, 72.6952 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(226, 255, 207) }
```

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

```
.background{ background-color: rgb(226,  
255, 207) }
```

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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