

Converting Colors

XYZ(78.4616, 92.1658, 75.7105)

Have a look what the booklet for
XYZ(78.4616, 92.1658, 75.7105)
contains.

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Color

**XYZ(78.3841, 92.1208,
75.9372)**

Conversions

Conversions Part 1

Format	Color
Hex	E0FFD4
RGB	224, 255, 212
RGB Percent	88%, 100%, 83%
CMY	0.1216, 0.0000, 0.1686
CMYK	0.12, 0.00, 0.17, 0.00
HSL	103°, 100%, 92%
HSV	103°, 17%, 100%
XYZ	78.3841, 92.1208, 75.9372
YIQ	240.8290, -4.6730, -19.9450

Conversions

Conversions Part 2

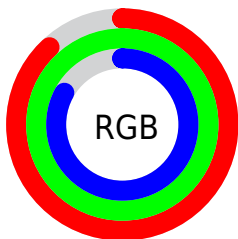
Format	Color
R_{YB}	212, 255, 243
Decimal	14745556
CIE _{Lab}	96.87, -17.62, 17.24
CIE _{LCh}	97, 24.653, 135.627
Yxy	92.1208, 0.3181, 0.3738
Android (android.graphics.Color)	4292935636 (0xFFE0FFD4)
YUV	240.8290, -14.2127, -14.7590
Hunter-Lab	95.9796, -22.1878, 20.2766

Details

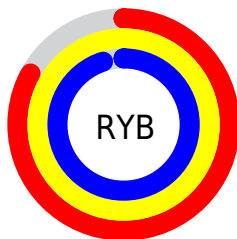
The XYZ color **78.3841, 92.1208, 75.9372** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **78.5566, 73.3629, 104.6278**, and the grayscale version is **83.5849, 87.9378, 95.7643**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **42.4283, 51.1473, 39.5345** is the 20% darker color. If you saturate the color by 10%, you get **70.0238, 88.1536, 60.0595**, and if you desaturate by 10%, it is **87.8698, 96.6093, 94.5222**.

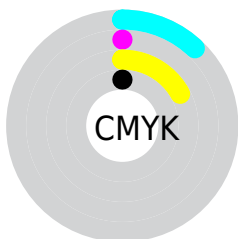
Distribution



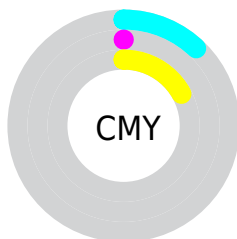
- Red (88%)
- Green (100%)
- Blue (83%)



- Red (83%)
- Yellow (100%)
- Blue (95%)



- Cyan (12%)
- Magenta (0%)
- Yellow (17%)
- Black (0%)





- Cyan (12%)
- Magenta (0%)
- Yellow (17%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 78.3841, 92.1208, 75.9372 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 78.3841, 92.1208, 75.9372 by changing the saturation by 10% instead.


 78.3841, 92.1208,
75.9372

 78.3841, 92.1208,
75.9372


478.2902,
534.9058, 500.4738

 58.6934, 69.7410,
55.8747


130.0539,
150.2808, 129.3974

 42.6118, 51.3154,
39.6991

162.7638,
186.8298, 163.6322

 29.7738, 36.4597,
26.9920


200.5442,
228.8706, 203.4281

 19.8142, 24.7894,
17.3349

243.7603,
276.7876, 249.2037

 12.3675, 15.9202,
10.3090

292.7777,
330.9652, 301.3775

 7.0685, 9.4677,
5.4961

347.9615,

 3.5517, 5.0475,

391.7879, 360.3681

2.4774

409.6772,
459.6400, 426.5940

■ 1.4518, 2.2752,
0.8281

■ 0.2927, 0.7605,
0.0000

■ 78.3841, 92.1208,
75.9372

■ 78.3841, 92.1208,
75.9372

■ 70.0238, 88.1536,
60.0595

■ 87.8698, 96.6093,
94.5222

■ 62.7437, 84.6875,
46.7586

95.0500, 100.0000,
108.9000

■ 56.4984, 81.7017,
35.8997

■ 51.2380, 79.1740,
27.3341

■ 46.9083, 77.0800,
20.8966

■ 43.4495, 75.3929,
16.4002

■ 40.7934, 74.0823,
13.6253

■ 38.8586, 73.1123,
12.2938

■ 38.3702, 72.8656,
12.0422

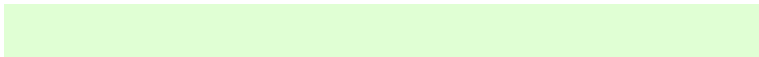
Harmonies

Analogous

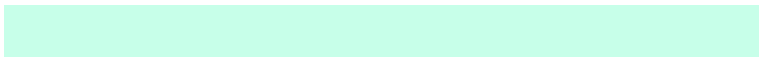
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



84.0213, 92.1208, 67.8891



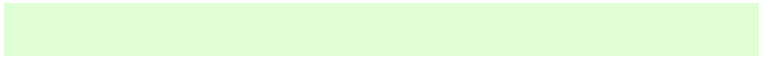
78.3841, 92.1208, 75.9372



75.2867, 92.1208, 91.1355

Triad

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



78.3841, 92.1208, 75.9372



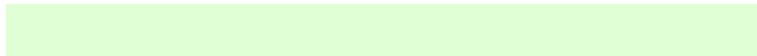
84.2953, 92.1208, 141.9483



101.0124, 92.1208, 90.3817

Complementary

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



78.3841, 92.1208, 75.9372



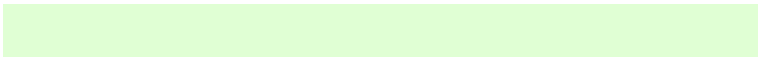
78.5566, 73.3629, 104.6278

Split Complementary

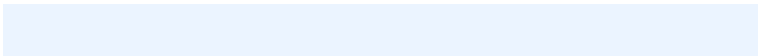
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



101.0953, 92.1208, 110.0674



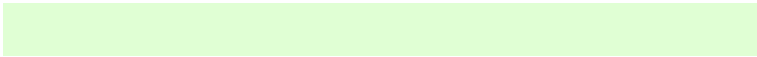
78.3841, 92.1208, 75.9372



91.1927, 92.1208, 141.6763

Square

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



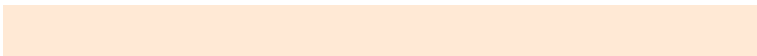
78.3841, 92.1208, 75.9372



78.5756, 92.1208, 130.0944



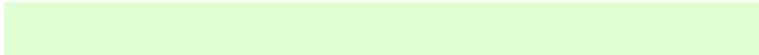
97.4213, 92.1208, 129.3941



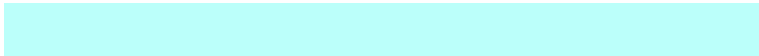
97.2003, 92.1208, 75.4483

Rectangle

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



78.3841, 92.1208, 75.9372



74.9684, 92.1208, 104.0882



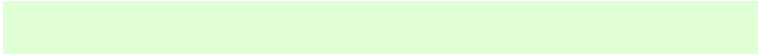
97.4213, 92.1208, 129.3941



101.4837, 92.1208, 96.6124

Sweetspot

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



78.3847, 92.1210, 75.9386



89.7633, 97.5040, 98.2905



85.1199, 90.0054, 75.1753



19.0591, 20.7971, 20.7313



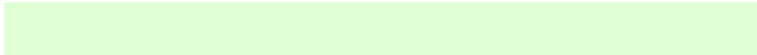
0.0000, 0.0000, 0.0000



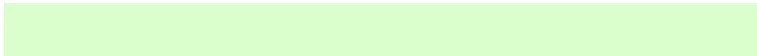
20.3446, 21.4041, 23.3091

Same Dimension

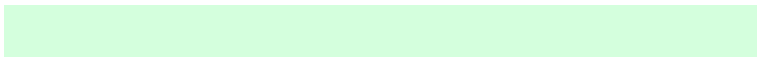
The Same Dimension uses a secret algorithm to generate beautiful new colors.



78.3847, 92.1210, 75.9386



75.6419, 90.8208, 70.6702



76.0056, 90.7548, 82.1407



18.2474, 20.4134, 19.1228



20.1731, 38.1377, 6.2981



2.0649, 3.7652, 0.6179

Inverse Universe

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



78.5566, 73.3629, 104.6278



75.8394, 69.0657, 103.9416



81.3701, 74.9825, 97.1189



18.2695, 18.0307, 22.7673



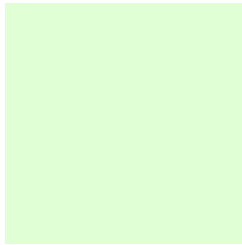
19.8930, 9.1657, 50.1553



2.0432, 0.9472, 4.8884

Previews

White Background



This preview shows how the XYZ color 78.3841, 92.1208, 75.9372 looks on a white background.

Color Contrast Check

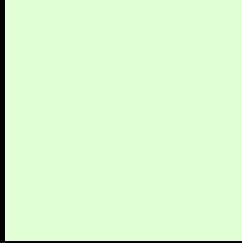
Large Text (above 18pt) WCAG AA × Fail

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 78.3841, 92.1208, 75.9372 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

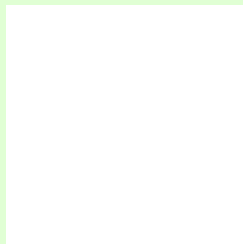
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 78.3841, 92.1208, 75.9372

Background



This preview shows how black text looks on a background with the XYZ color 78.3841, 92.1208, 75.9372.



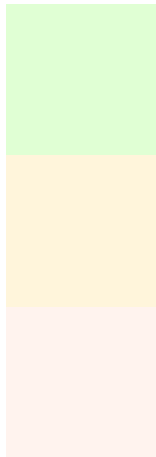
This preview shows how white text looks on a background with the XYZ color 78.3841, 92.1208,

75.9372.

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

78.3841, 92.1208, 75.9372

Protanopia

86.6786, 91.6793, 80.1453

Deuteranopia

88.7232, 91.5342, 93.8806



Tritanopia

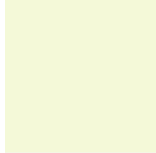
86.9409, 91.6568, 107.7170

Trichromacy



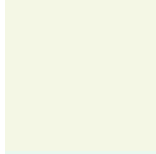
Original Color

78.3841, 92.1208, 75.9372



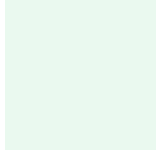
Protanomaly

83.5786, 91.9423, 78.3073



Deuteranomaly

84.7118, 91.4118, 87.3082



Tritanomaly

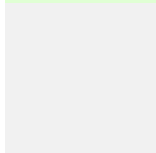
83.3874, 91.4758, 94.9230

Monochromacy



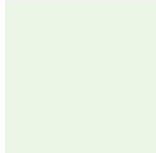
Original Color

78.3841, 92.1208, 75.9372



Achromatopsia

83.6081, 87.9622, 95.7909



Achromatomaly

81.4996, 89.2869, 87.8015

CSS Examples

Text

The CSS property to change the color of the text to XYZ 78.3841, 92.1208, 75.9372 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(224, 255, 212)` looks like.

```
.text, #text, p{  
    color:rgb(224, 255, 212)  
}
```

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(224, 255, 212) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(224, 255, 212) }
```

Border

The CSS property to change the border of an element to XYZ 78.3841, 92.1208, 75.9372 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(224, 255, 212) }
```


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

```
.border{ border-color:rgb(224, 255, 212) }
```

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

Here you see how a box with a 4 pixel `rgb(224, 255, 212)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(224, 255, 212); -webkit-box-  
shadow:4px 4px 4px 4px rgb(224, 255, 212);  
box-shadow:4px 4px 4px 4px rgb(224, 255,  
212) }
```

Background

The CSS property to change the background color of an element to XYZ 78.3841, 92.1208, 75.9372 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(224, 255, 212) }
```

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

```
.background{ background-color: rgb(224,  
255, 212) }
```

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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