

Converting Colors

XYZ(75.4177, 85.0982, 48.0496)

Have a look what the booklet for
XYZ(75.4177, 85.0982, 48.0496)
contains.

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Color

**XYZ(75.5058, 85.2756,
48.0776)**

Conversions

Conversions Part 1

Format	Color
Hex	F3F2A5
RGB	243, 242, 165
RGB Percent	95%, 95%, 65%
CMY	0.0471, 0.0510, 0.3529
CMYK	0.00, 0.00, 0.32, 0.05
HSL	59°, 76%, 80%
HSV	59°, 32%, 95%
XYZ	75.5058, 85.2756, 48.0776
YIQ	233.5210, 25.3130, -23.7350

Conversions

Conversions Part 2

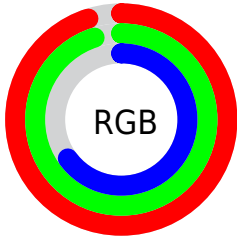
Format	Color
R_{YB}	166, 243, 165
Decimal	15987365
CIE _{Lab}	94.00, -11.07, 37.36
CIE _{LCh}	94, 38.967, 106.506
Yxy	85.2756, 0.3615, 0.4083
Android (android.graphics.Color)	4294177445 (0xFFFF3F2A5)
YUV	233.5210, -33.7809, 8.3131
Hunter-Lab	92.3448, -15.6527, 33.7731

Details

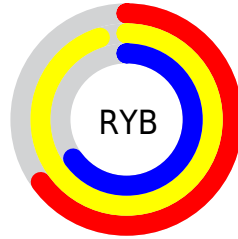
The XYZ color **75.5058, 85.2756, 48.0776** is a light color, and the websafe version is hex **FFFF99**. A complement of this color would be **45.3308, 41.7417, 90.4618**, and the grayscale version is **78.0803, 82.1465, 89.4575**.

A 20% lighter version of the original color is **90.0511, 98.0005, 82.5764**, and **40.7332, 46.7268, 22.2015** is the 20% darker color. If you saturate the color by 10%, you get **73.4097, 84.2929, 37.4844**, and if you desaturate by 10%, it is **78.0266, 86.4345, 60.8875**.

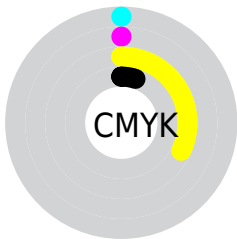
Distribution



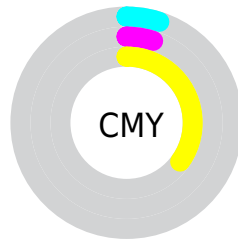
- Red (95%)
- Green (95%)
- Blue (65%)



- Red (65%)
- Yellow (95%)
- Blue (65%)



- Cyan (0%)
- Magenta (0%)
- Yellow (32%)
- Black (5%)



- Cyan (5%)
- Magenta (5%)
- Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 75.5058, 85.2756, 48.0776 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 75.5058, 85.2756, 48.0776 by changing the saturation by 10% instead.

75.5058, 85.2756,
48.0776

75.5058, 85.2756,
48.0776

468.6247,
512.5396, 395.6172

56.3230, 64.0691,
33.5279

126.0122,
140.7582, 88.6867

40.7000, 46.7067,
22.2567

158.0664,
175.8030, 115.5832

28.2713, 32.8038,
13.8456

195.1419,
216.2295, 147.4323

18.6718, 21.9762,
7.8758

237.6039,
262.4220, 184.6527

11.5360, 13.8394,
3.9289

285.8179,
314.7648, 227.6628

6.4985, 8.0091,
1.5864

340.1491,

3.1940, 4.1007,

373.6424, 276.8813

0.2811

400.9629,
439.4392, 332.7266

■ 1.2572, 1.7301,
0.0000

■ 0.1508, 0.4430,
0.0000

■ 75.5058, 85.2756,
48.0776

■ 75.5058, 85.2756,
48.0776

■ 73.4097, 84.2929,
37.4844

■ 78.0266, 86.4345,
60.8875

■ 71.7081, 83.4651,
28.9770


■ 80.9877, 87.7667,
76.0247


■ 70.3767, 82.7858,
22.4187


■ 84.4116, 89.2843,
93.5985


■ 69.3862, 82.2430,
17.6547


■ 87.1360, 90.5224,
107.4878


 68.7027, 81.8233,
14.5066

 87.2289, 90.7081,
107.5187


 68.2854, 81.5103,
12.7592

 87.3219, 90.8941,
107.5497

 68.0941, 81.3186,
12.1071

 87.4150, 91.0804,
107.5808

 87.5083, 91.2671,
107.6119

 87.6018, 91.4540,
107.6430

Harmonies

Analogous

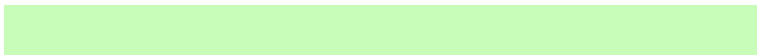
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



85.8049, 85.2756, 47.5773



75.5058, 85.2756, 48.0776



67.4021, 85.2756, 58.7674

Triad

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



75.5058, 85.2756, 48.0776



68.0610, 85.2756, 140.8647



102.0780, 85.2756, 106.8556

Complementary

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



75.5058, 85.2756, 48.0776



45.3308, 41.7417, 90.4618

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.



96.4304, 85.2756, 138.0747



75.5058, 85.2756, 48.0776



76.4777, 85.2756, 160.3610

Square

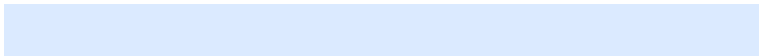
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



75.5058, 85.2756, 48.0776



63.3620, 85.2756, 110.0786



86.8631, 85.2756, 159.2428



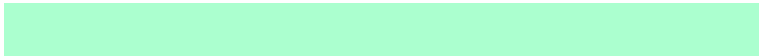
101.7613, 85.2756, 77.5210

Rectangle

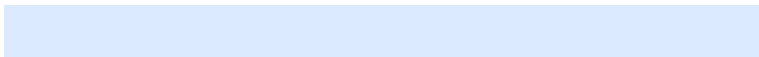
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



75.5058, 85.2756, 48.0776



64.0716, 85.2756, 71.8529



86.8631, 85.2756, 159.2428



100.7948, 85.2756, 117.5858

Sweetspot

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



75.5079, 85.2795, 48.0794



91.1092, 98.2580, 88.6590



57.3285, 48.7301, 42.6064



19.3917, 20.9825, 18.4157



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.



75.5079, 85.2795, 48.0794



82.5599, 94.3594, 45.1149



64.1024, 79.8399, 47.6306



17.8955, 19.2752, 17.5749



37.3807, 44.6470, 6.6476



3.2911, 3.9355, 0.5862

Inverse Universe

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



45.3308, 41.7417, 90.4618



43.6994, 38.2951, 99.6962



54.1806, 46.0368, 90.8244



15.5981, 15.9605, 20.8011



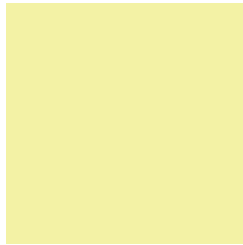
8.9046, 3.6030, 46.7642



0.7885, 0.3284, 4.1121

Previews

White Background



This preview shows how the XYZ color 75.5058, 85.2756, 48.0776 looks on a white background.

Color Contrast Check

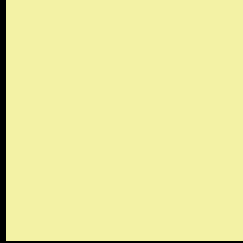
Large Text (above 18pt) WCAG AA × Fail

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 75.5058, 85.2756, 48.0776 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

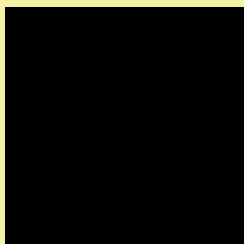
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 75.5058, 85.2756, 48.0776

Background



This preview shows how black text looks on a background with the XYZ color 75.5058, 85.2756, 48.0776.

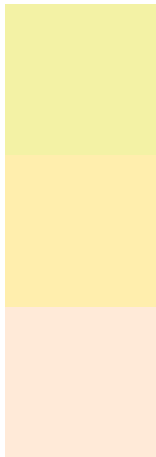


This preview shows how white text looks on a background with the XYZ color 75.5058, 85.2756,

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

75.5058, 85.2756, 48.0776

Protanopia

79.3574, 85.4262, 51.8415

Deuteranopia

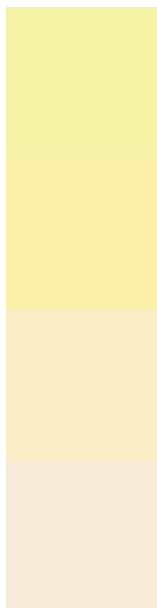
83.0575, 85.0635, 77.0070



Tritanopia

86.1828, 84.8740, 101.4625

Trichromacy



Original Color

75.5058, 85.2756, 48.0776

Protanomaly

77.9059, 85.1445, 50.3587

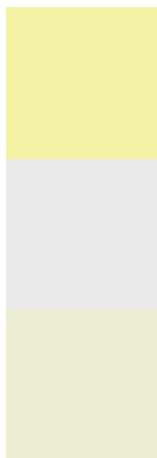
Deuteranomaly

80.1459, 85.1088, 65.0268

Tritanomaly

81.4301, 84.6184, 78.3708

Monochromacy



Original Color

75.5058, 85.2756, 48.0776

Achromatopsia

78.2058, 82.2786, 89.6014

Achromatomaly

76.7179, 83.1763, 72.3328

CSS Examples

Text

The CSS property to change the color of the text to XYZ 75.5058, 85.2756, 48.0776 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(243, 242, 165)` looks like.

```
.text, #text, p{  
    color:rgb(243, 242, 165)  
}
```

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(243, 242, 165) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(243, 242, 165) }
```

Border

The CSS property to change the border of an element to XYZ 75.5058, 85.2756, 48.0776 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(243, 242, 165) }
```


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

```
.border{ border-color:rgb(243, 242, 165) }
```

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

Here you see how a box with a 4 pixel `rgb(243, 242, 165)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(243, 242, 165); -webkit-box-  
shadow:4px 4px 4px 4px rgb(243, 242, 165);  
box-shadow:4px 4px 4px 4px rgb(243, 242,  
165) }
```

Background

The CSS property to change the background color of an element to XYZ 75.5058, 85.2756, 48.0776 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(243, 242, 165) }
```

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

```
.background{ background-color: rgb(243,  
242, 165) }
```

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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