

Converting Colors

XYZ(75.6979, 84.4094, 48.6223)

Have a look what the booklet for
XYZ(75.6979, 84.4094, 48.6223)
contains.

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Color

**XYZ(75.7913, 84.5227,
48.8791)**

Conversions

Conversions Part 1

Format	Color
Hex	F5F0A7
RGB	245, 240, 167
RGB Percent	96%, 94%, 65%
CMY	0.0392, 0.0588, 0.3451
CMYK	0.00, 0.02, 0.32, 0.04
HSL	56°, 80%, 81%
HSV	56°, 32%, 96%
XYZ	75.7913, 84.5227, 48.8791
YIQ	233.1730, 26.4130, -21.6430

Conversions

Conversions Part 2

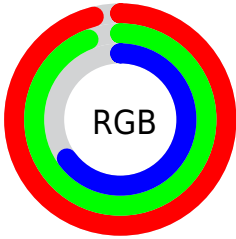
Format	Color
RYB	172, 245, 167
Decimal	16117927
CIELab	93.68, -9.09, 35.96
CIELCh	94, 37.091, 104.184
Yxy	84.5227, 0.3623, 0.4040
Android (android.graphics.Color)	4294308007 (0xFFFF5F0A7)
YUV	233.1730, -32.6233, 10.3723
Hunter-Lab	91.9362, -13.7348, 32.8331

Details

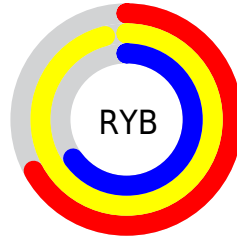
The XYZ color **75.7913, 84.5227, 48.8791** is a light color, and the websafe version is hex **FFFCC**. A complement of this color would be **47.1700, 44.3118, 92.4531**, and the grayscale version is **77.8083, 81.8604, 89.1460**.

A 20% lighter version of the original color is **90.3193, 98.1077, 83.9884**, and **40.9168, 46.1873, 22.6781** is the 20% darker color. If you saturate the color by 10%, you get **73.2787, 82.7849, 37.9063**, and if you desaturate by 10%, it is **78.7413, 86.4477, 62.1165**.

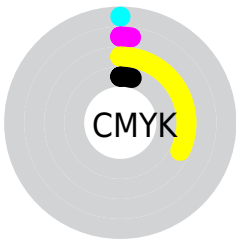
Distribution



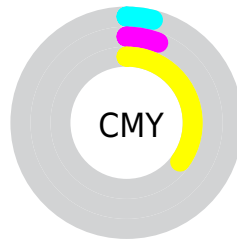
- Red (96%)
- Green (94%)
- Blue (65%)



- Red (67%)
- Yellow (96%)
- Blue (65%)



- Cyan (0%)
- Magenta (2%)
- Yellow (32%)
- Black (4%)



- Cyan (4%)
- Magenta (6%)
- Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 75.7913, 84.5227, 48.8791 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 75.7913, 84.5227, 48.8791 by changing the saturation by 10% instead.

75.7913, 84.5227,
48.8791

75.7913, 84.5227,
48.8791

469.5884,
510.0474, 398.8749

56.5578, 63.4471,
34.1587

126.4138,
139.7061, 89.8910

40.8891, 46.2030,
22.7372

158.5335,
174.5827, 117.0195

28.4197, 32.4060,
14.1961

195.6794,
214.8284, 149.1212

18.7844, 21.6718,
8.1169

238.2168,
260.8276, 186.6145

11.6177, 13.6160,
4.0810

286.5110,
312.9647, 229.9179

6.5542, 7.8540,
1.6699

340.9274,

3.2288, 4.0017,

371.6241, 279.4502

0.3400

401.8314,
437.1902, 335.6296

■ 1.2759, 1.6745,
0.0000

■ 0.1650, 0.4071,
0.0000

■ 75.7913, 84.5227,
48.8791

■ 75.7913, 84.5227,
48.8791

■ 73.2787, 82.7849,
37.9063

■ 78.7413, 86.4477,
62.1165

■ 71.1727, 81.2132,
29.0648


■ 82.1447, 88.5576,
77.7312


■ 69.4488, 79.8007,
22.2157


■ 86.0245, 90.8644,
95.8345


■ 68.0771, 78.5354,
17.2014


■ 88.7474, 92.7149,
107.8260


 67.0230, 77.4035,
13.8406


 89.2272, 93.6746,
107.9860


 66.2452, 76.3884,
11.9149

 89.7111, 94.6424,
108.1473

 65.7626, 75.6253,
11.1311

 90.1991, 95.6183,
108.3099

 90.6911, 96.6023,
108.4739

 91.1872, 97.5944,
108.6393

Harmonies

Analogous

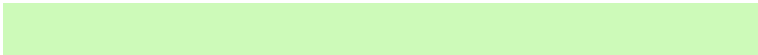
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



85.6008, 84.5227, 49.1413



75.7913, 84.5227, 48.8791



67.8648, 84.5227, 58.4030

Triad

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



75.7913, 84.5227, 48.8791



67.5252, 84.5227, 135.1695



99.9374, 84.5227, 107.5933

Complementary

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



75.7913, 84.5227, 48.8791



47.1700, 44.3118, 92.4531

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.



94.2491, 84.5227, 136.5832



75.7913, 84.5227, 48.8791



75.2921, 84.5227, 154.5865

Square

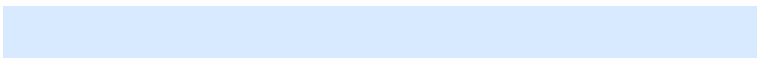
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



75.7913, 84.5227, 48.8791



63.3628, 84.5227, 105.9489



85.0594, 84.5227, 155.1511



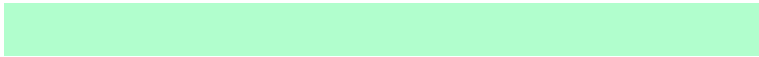
100.0987, 84.5227, 79.3884

Rectangle

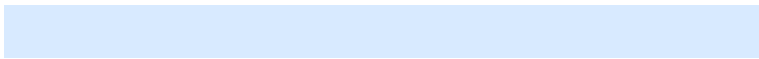
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



75.7913, 84.5227, 48.8791



64.4883, 84.5227, 70.4049



85.0594, 84.5227, 155.1511



98.5887, 84.5227, 117.6855

Sweetspot

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



75.7934, 84.5265, 48.8809



90.6942, 97.4279, 88.5207



58.9412, 50.0371, 45.6832



19.2904, 20.7800, 18.3819



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.



75.7934, 84.5265, 48.8809



81.2329, 91.3575, 45.7452



66.5493, 81.9735, 48.8753



17.8185, 19.1212, 17.5492



35.4671, 40.8198, 6.0097



3.1442, 3.6416, 0.5372

Inverse Universe

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



47.1700, 44.3118, 92.4531



45.5001, 41.1590, 100.1541



54.3346, 46.6209, 92.5212



15.6663, 16.0969, 20.8239



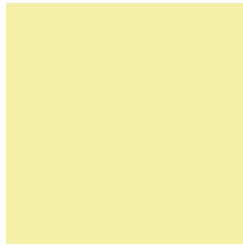
9.0094, 3.8125, 46.7991



0.8211, 0.3937, 4.1229

Previews

White Background



This preview shows how the XYZ color 75.7913, 84.5227, 48.8791 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 75.7913, 84.5227, 48.8791 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

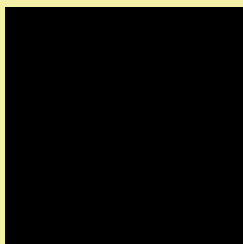
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 75.7913, 84.5227, 48.8791

Background



This preview shows how black text looks on a background with the XYZ color 75.7913, 84.5227, 48.8791.

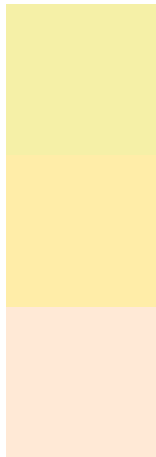


This preview shows how white text looks on a background with the XYZ color 75.7913, 84.5227,

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

75.7913, 84.5227, 48.8791

Protanopia

78.5921, 84.6555, 49.2437

Deuteranopia

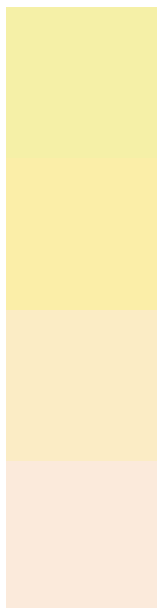
82.5165, 84.3929, 75.5587



Tritanopia

86.4801, 84.6309, 100.5843

Trichromacy



Original Color

75.7913, 84.5227, 48.8791

Protanomaly

77.4261, 84.4855, 49.2723

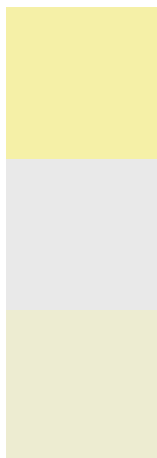
Deuteranomaly

79.8572, 84.5314, 64.9306

Tritanomaly

81.9927, 84.4693, 79.0006

Monochromacy



Original Color

75.7913, 84.5227, 48.8791

Achromatopsia

77.4512, 81.4847, 88.7368

Achromatomaly

76.4291, 82.5989, 72.2365

CSS Examples

Text

The CSS property to change the color of the text to XYZ 75.7913, 84.5227, 48.8791 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(245, 240, 167)` looks like.

```
.text, #text, p{  
    color:rgb(245, 240, 167)  
}
```

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(245, 240, 167) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(245, 240, 167) }
```

Border

The CSS property to change the border of an element to XYZ 75.7913, 84.5227, 48.8791 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(245, 240, 167) }
```


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

```
.border{ border-color:rgb(245, 240, 167) }
```

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

Here you see how a box with a 4 pixel rgb(245, 240, 167) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(245, 240, 167); -webkit-box-  
shadow:4px 4px 4px 4px rgb(245, 240, 167);  
box-shadow:4px 4px 4px 4px rgb(245, 240,  
167) }
```

Background

The CSS property to change the background color of an element to XYZ 75.7913, 84.5227, 48.8791 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(245, 240, 167) }
```

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

```
.background{ background-color: rgb(245,  
240, 167) }
```

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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