

Converting Colors

XYZ(47.9904, 58.6233, 8.7861)

Have a look what the booklet for
XYZ(47.9904, 58.6233, 8.7861)
contains.

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Color

**XYZ(47.9773, 58.5801,
8.7784)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|-----------------------------|
| Hex | CDD100 |
| RGB | 205, 209, 0 |
| RGB Percent | 80%, 82%, 0% |
| CMY | 0.1961, 0.1804, 0.9999 |
| CMYK | 0.02, 0.00, 1.00, 0.18 |
| HSL | 61°, 100%, 41% |
| HSV | 61°, 100%, 82% |
| XYZ | 47.9773, 58.5801, 8.7784 |
| YIQ | 183.9780, 64.7050, -65.8470 |

Conversions

Conversions Part 2

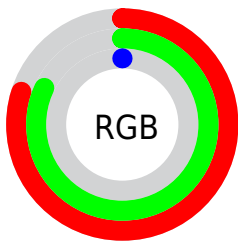
| Format | Color |
|-------------------------------------|--------------------------------|
| R_{YB} | 0, 209, 4 |
| Decimal | 13488384 |
| CIE _{Lab} | 81.06, -20.25, 80.94 |
| CIE _{LCh} | 81, 83.440, 104.048 |
| Yxy | 58.5801, 0.4160, 0.5079 |
| Android (android.graphics.Color) | 4291678464 (0xFFCDD100) |
| YUV | 183.9780, -90.7012, 18.4363 |
| Hunter-Lab | 76.5376, -22.0489, 46.7761 |

Details

The XYZ color **47.9773, 58.5801, 8.7784** is a dark color, and the websafe version is hex **CCCC00**. The color can be described as middle washed yellow. A complement of this color would be **11.5601, 4.6303, 60.6098**, and the grayscale version is **46.0112, 48.4074, 52.7156**.

A 20% lighter version of the original color is **78.6797, 93.4519, 22.6953**, and **23.5754, 29.5537, 4.4619** is the 20% darker color. If you saturate the color by 10%, you get **47.9784, 58.5827, 8.7789**, and if you desaturate by 10%, it is **48.2238, 58.6937, 9.4932**.

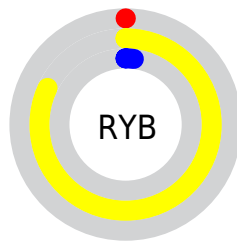
Distribution



Red (80%)

Green (82%)

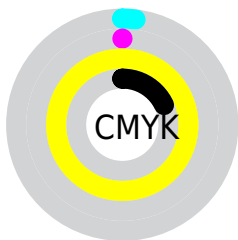
Blue (0%)



Red (0%)

Yellow (82%)

Blue (2%)

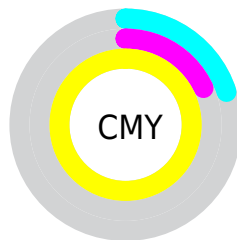


Cyan (2%)

Magenta (0%)

Yellow (100%)

Black (18%)



Cyan (20%)

Magenta (18%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 47.9773, 58.5801, 8.7784 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 47.9773, 58.5801, 8.7784 by changing the saturation by 10% instead.

■ 47.9773, 58.5801,
8.7784

■ 47.9773, 58.5801,
8.7784

369.2862,
419.3441, 191.8729

■ 34.0201, 42.2752,
4.5021

■ 86.3805, 102.7671,
24.0417

■ 23.0720, 29.3168,
1.9046

■ 111.5572,
131.4181, 35.8659

■ 14.7677, 19.3206,
0.4957

■ 141.2045,
164.9531, 51.0430

■ 8.7417, 11.9022,
0.0000

■ 175.6876,
203.7567, 69.9917

■ 4.6289, 6.6771,
0.0000

■ 215.3720,
248.2132, 93.1305

■ 2.0637, 3.2610,
0.0000

■ 260.6230,

■ 0.6694, 1.2695,

298.7070, 120.8779

0.0000

311.8059,
355.6225, 153.6525

■ 0.0000, 0.1174,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 47.9773, 58.5801,
8.7784

■ 47.9773, 58.5801,
8.7784

■ 47.9784, 58.5827,
8.7789

■ 48.2238, 58.6937,
9.4932

■ 48.6150, 58.8630,
10.9736

■ 49.2010, 59.1102,
13.4790

■ 50.0086, 59.4462,
17.1497

■ 51.0604, 59.8798,
22.1046

■ 52.3760, 60.4190,
28.4474

■ 53.9732, 61.0709,
36.2718

■ 55.8683, 61.8419,
45.6628

■ 58.0761, 62.7381,
56.6994

Harmonies

Analogous

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



65.3456, 58.5801, 8.9990



47.9773, 58.5801, 8.7784



35.5798, 58.5801, 16.8476

Triad

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



47.9773, 58.5801, 8.7784



35.0021, 58.5801, 155.7717



94.2454, 58.5801, 93.7632

Complementary

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



47.9773, 58.5801, 8.7784



11.5601, 4.6303, 60.6098

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.



82.2011, 58.5801, 159.8734



47.9773, 58.5801, 8.7784



47.0154, 58.5801, 206.5272

Square

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



47.9773, 58.5801, 8.7784



29.2101, 58.5801, 89.8589



64.1629, 58.5801, 208.3286



94.6530, 58.5801, 43.3145

Rectangle

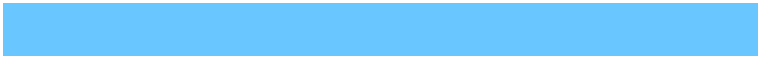
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



47.9773, 58.5801, 8.7784



30.7744, 58.5801, 30.4784



64.1629, 58.5801, 208.3286



91.3267, 58.5801, 115.3106

Sweetspot

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



47.9786, 58.5828, 8.7796



84.5487, 95.7374, 56.4061



26.3343, 13.6324, 1.2441



17.8578, 20.3942, 10.8983



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.



47.9786, 58.5828, 8.7796



75.2242, 91.8645, 13.7669



28.1725, 48.3724, 7.8527



12.7801, 13.7856, 12.5993



29.5904, 36.1234, 5.4129



1.6618, 2.0235, 0.3030

Inverse Universe

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



11.5601, 4.6303, 60.6098



18.1112, 7.2515, 95.0529



17.6938, 7.7923, 60.8969



11.1843, 11.4283, 14.8601



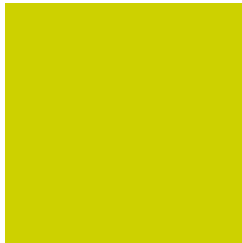
7.1363, 2.8592, 37.3682



0.4065, 0.1638, 2.0897

Previews

White Background



This preview shows how the XYZ color 47.9773, 58.5801, 8.7784 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 47.9773, 58.5801, 8.7784 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 47.9773, 58.5801, 8.7784

Background



This preview shows how black text looks on a background with the XYZ color 47.9773, 58.5801, 8.7784.



This preview shows how white text looks on a background with the XYZ color 47.9773, 58.5801,

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

47.9773, 58.5801, 8.7784

Protanopia

52.7991, 58.5720, 8.5227

Deuteranopia

59.7646, 58.4367, 9.4960



Tritanopia

60.0138, 58.2471, 68.4013

Trichromacy



Original Color

47.9773, 58.5801, 8.7784

Protanomaly

51.0447, 58.7227, 8.6443

Deuteranomaly

54.9124, 58.2715, 9.0152

Tritanomaly

52.3886, 56.8364, 30.3997

Monochromacy



Original Color

47.9773, 58.5801, 8.7784

Achromatopsia

45.5594, 47.9320, 52.1980

Achromatomaly

44.0191, 50.6308, 24.2823

CSS Examples

Text

The CSS property to change the color of the text to XYZ 47.9773, 58.5801, 8.7784 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(205, 209, 0)` looks like.

```
.text, #text, p{  
    color:rgb(205, 209, 0)  
}
```

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(205, 209, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(205, 209, 0) }
```

Border

The CSS property to change the border of an element to XYZ 47.9773, 58.5801, 8.7784 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(205, 209, 0) }
```


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

```
.border{ border-color:rgb(205, 209, 0) }
```

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

Here you see how a box with a 4 pixel rgb(205, 209, 0) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(205, 209, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(205, 209, 0);  
box-shadow:4px 4px 4px 4px rgb(205, 209,  
0) }
```

Background

The CSS property to change the background color of an element to XYZ 47.9773, 58.5801, 8.7784 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(205, 209, 0) }
```

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

```
.background{ background-color: rgb(205,  
209, 0) }
```

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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