

Converting Colors

XYZ(50.6996, 58.6328, 26.4321)

Have a look what the booklet for
XYZ(50.6996, 58.6328, 26.4321)
contains.

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Color

**XYZ(50.6383, 58.4778,
26.3877)**

Conversions

Conversions Part 1

Format	Color
Hex	CDCE78
RGB	205, 206, 120
RGB Percent	80%, 81%, 47%
CMY	0.1961, 0.1921, 0.5294
CMYK	0.00, 0.00, 0.42, 0.19
HSL	61°, 47%, 64%
HSV	61°, 42%, 81%
XYZ	50.6383, 58.4778, 26.3877
YIQ	195.8970, 27.0100, -26.9580

Conversions

Conversions Part 2

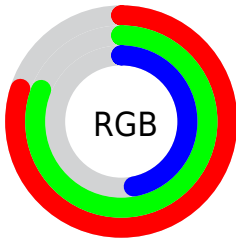
Format	Color
RYB	120, 206, 121
Decimal	13487736
CIELab	81.00, -12.78, 42.55
CIELCh	81, 44.432, 106.718
Yxy	58.4778, 0.3737, 0.4316
Android (android.graphics.Color)	4291677816 (0xFFCDCE78)
YUV	195.8970, -37.4172, 7.9833
Hunter-Lab	76.4708, -15.6227, 33.0704

Details

The XYZ color **50.6383, 58.4778, 26.3877** is a light color, and the websafe version is hex **CCCC66**. A complement of this color would be **25.7443, 21.9555, 61.2769**, and the grayscale version is **52.6148, 55.3548, 60.2814**.

A 20% lighter version of the original color is **84.6400, 95.8360, 54.0816**, and **24.6968, 29.2757, 9.9793** is the 20% darker color. If you saturate the color by 10%, you get **49.4544, 57.9987, 20.4937**, and if you desaturate by 10%, it is **52.0941, 59.0699, 33.7007**.

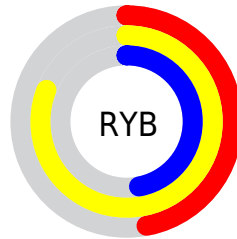
Distribution



Red (80%)

Green (81%)

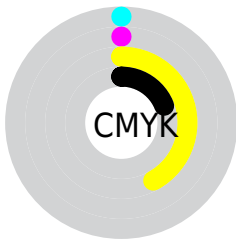
Blue (47%)



Red (47%)

Yellow (81%)

Blue (47%)

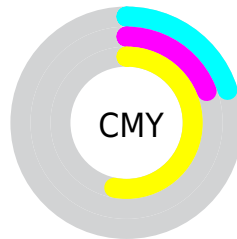


Cyan (0%)

Magenta (0%)

Yellow (42%)

Black (19%)



Cyan (20%)

Magenta (19%)

Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 50.6383, 58.4778, 26.3877 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 50.6383, 58.4778, 26.3877 by changing the saturation by 10% instead.

50.6383, 58.4778,
26.3877

50.6383, 58.4778,
26.3877

379.5677,
418.9640, 298.3459

36.1407, 42.1929,
16.8855

90.3061, 102.6183,
54.8915

24.7135, 29.2524,
9.9918

116.2070,
131.2427, 74.7302

15.9913, 19.2718,
5.2880

146.6397,
164.7491, 98.8515

9.6088, 11.8668,
2.3555

181.9695,
203.5218, 127.6739

5.2006, 6.6531,
0.7621

222.5619,
247.9452, 161.6161

2.4014, 3.2461,
0.0000

268.7822,

0.8458, 1.2615,

298.4038, 201.0964

0.0000

320.9956,
355.2819, 246.5335

■ 0.0000, 0.1111,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 50.6383, 58.4778,
26.3877

■ 50.6383, 58.4778,
26.3877

■ 49.4544, 57.9987,
20.4937

■ 52.0941, 59.0699,
33.7007

■ 48.5208, 57.6176,
15.9233


■ 53.8335, 59.7733,
42.5124


■ 47.8194, 57.3294,
12.5751


■ 55.8725, 60.5966,
52.9014


■ 47.3279, 57.1251,
10.3319


■ 58.2247, 61.5452,
64.9392


 47.0196, 56.9942,
9.0531


 60.9029, 62.6243,
78.6934

 46.8641, 56.9257,
8.5178

 63.9192, 63.8385,
94.2275

 65.7670, 64.5854,
103.6077

 65.8343, 64.6201,
103.6108

 65.9016, 64.6548,
103.6140

Harmonies

Analogous

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



59.7524, 58.4778, 25.9522



50.6383, 58.4778, 26.3877



43.6540, 58.4778, 34.8330

Triad

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



50.6383, 58.4778, 26.3877



44.2968, 58.4778, 108.2217



74.6720, 58.4778, 76.0569

Complementary

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



50.6383, 58.4778, 26.3877



25.7443, 21.9555, 61.2769

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.



69.5047, 58.4778, 105.1854



50.6383, 58.4778, 26.3877



51.6092, 58.4778, 126.9332

Square

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



50.6383, 58.4778, 26.3877



40.2795, 58.4778, 79.4149



60.8361, 58.4778, 125.6896



74.3376, 58.4778, 50.1613

Rectangle

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



50.6383, 58.4778, 26.3877



40.8419, 58.4778, 45.6470



60.8361, 58.4778, 125.6896



73.4985, 58.4778, 85.9101

Sweetspot

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



50.6397, 58.4805, 26.3889



90.0223, 97.9725, 83.1678



35.5622, 27.9122, 21.2833



19.1046, 20.9040, 16.9655



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.



50.6397, 58.4805, 26.3889



80.3171, 94.0437, 34.1690



40.5680, 53.2883, 25.9176



12.1404, 13.0898, 11.9661



28.8619, 35.0542, 5.2449



1.4932, 1.8106, 0.2708

Inverse Universe

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



25.7443, 21.9555, 61.2769



34.7560, 27.1946, 98.0250



32.9630, 25.6770, 61.6148



10.6137, 10.8501, 14.1053



6.8843, 2.7565, 36.1255



0.3595, 0.1444, 1.8639

Previews

White Background



This preview shows how the XYZ color 50.6383, 58.4778, 26.3877 looks on a white background.

Color Contrast Check

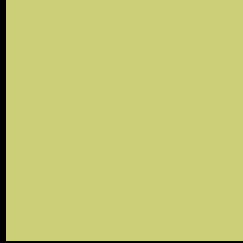
Large Text (above 18pt) WCAG AA × Fail

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 50.6383, 58.4778, 26.3877 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

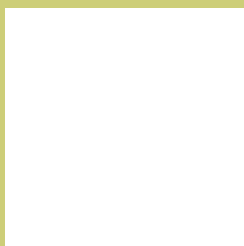
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 50.6383, 58.4778, 26.3877

Background



This preview shows how black text looks on a background with the XYZ color 50.6383, 58.4778, 26.3877.



This preview shows how white text looks on a background with the XYZ color 50.6383, 58.4778,

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

50.6383, 58.4778, 26.3877

Protanopia

53.6719, 58.2969, 25.5632

Deuteranopia

59.3869, 58.1840, 26.8395



Tritanopia

59.2973, 58.1804, 69.7327

Trichromacy



Original Color

50.6383, 58.4778, 26.3877

Protanomaly

52.7100, 58.4909, 25.9645

Deuteranomaly

55.7922, 57.9957, 26.6661

Tritanomaly

55.3233, 57.9101, 50.3814

Monochromacy



Original Color

50.6383, 58.4778, 26.3877

Achromatopsia

52.4687, 55.2011, 60.1140

Achromatomaly

51.2753, 56.2778, 45.2060

CSS Examples

Text

The CSS property to change the color of the text to XYZ 50.6383, 58.4778, 26.3877 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, 206, 120)` looks like.

```
.text, #text, p{  
    color:rgb(205, 206, 120)  
}
```

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, 206, 120) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(205, 206, 120) }
```

Border

The CSS property to change the border of an element to XYZ 50.6383, 58.4778, 26.3877 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, 206, 120) }
```


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

```
.border{ border-color:rgb(205, 206, 120) }
```

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

Here you see how a box with a 4 pixel `rgb(205, 206, 120)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(205, 206, 120); -webkit-box-  
shadow:4px 4px 4px 4px rgb(205, 206, 120);  
box-shadow:4px 4px 4px 4px rgb(205, 206,  
120) }
```

Background

The CSS property to change the background color of an element to XYZ 50.6383, 58.4778, 26.3877 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(205, 206, 120) }
```

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

```
.background{ background-color: rgb(205,  
206, 120) }
```

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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