

Converting Colors

XYZ(50.0797, 46.9141, 55.7061)

Have a look what the booklet for
XYZ(50.0797, 46.9141, 55.7061)
contains.

XYZ(50.0797, 46.9141, 55.7061)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(50.0797, 46.9141,
55.7061)**

Conversions

Conversions Part 1

Format	Color
Hex	CFADBF
RGB	207, 173, 191
RGB Percent	81%, 68%, 75%
CMY	0.1882, 0.3216, 0.2510
CMYK	0.00, 0.16, 0.08, 0.19
HSL	328°, 26%, 75%
HSV	328°, 16%, 81%
XYZ	50.0797, 46.9141, 55.7061
YIQ	185.2180, 14.4860, 12.8060

Conversions

Conversions Part 2

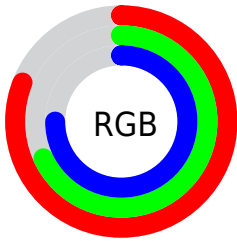
Format	Color
R_{YB}	207, 173, 191
Decimal	13610431
CIE Lab	74.13, 15.33, -4.56
CIE LCh	74, 15.992, 343.451
Yxy	46.9141, 0.3280, 0.3072
Android (android.graphics.Color)	4291800511 (0xFFCFADBF)
YUV	185.2180, 2.8505, 19.1028
Hunter-Lab	68.4939, 10.6471, -0.2749

Details

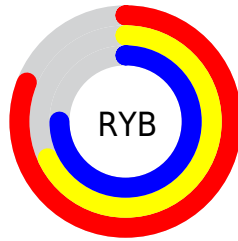
The XYZ color **50.0797, 46.9141, 55.7061** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **48.7336, 57.1853, 56.6161**, and the grayscale version is **46.2155, 48.6223, 52.9497**.

A 20% lighter version of the original color is **86.0478, 84.0140, 99.6768**, and **24.3737, 22.1851, 27.0423** is the 20% darker color. If you saturate the color by 10%, you get **45.3773, 39.1679, 49.0240**, and if you desaturate by 10%, it is **55.4711, 55.9229, 62.9708**.

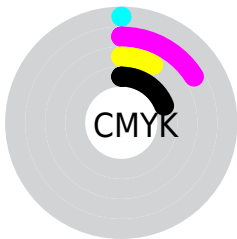
Distribution



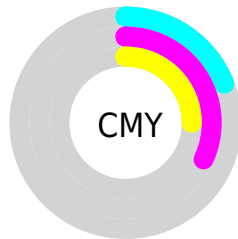
- Red (81%)
- Green (68%)
- Blue (75%)



- Red (81%)
- Yellow (68%)
- Blue (75%)



- Cyan (0%)
- Magenta (16%)
- Yellow (8%)
- Black (19%)





- Cyan (19%)
- Magenta (32%)
- Yellow (25%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 50.0797, 46.9141, 55.7061 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 50.0797, 46.9141, 55.7061 by changing the saturation by 10% instead.

 50.0797, 46.9141,
55.7061

 50.0797, 46.9141,
55.7061


377.4244,
374.4715, 425.9401

 35.6948, 32.9678,
39.5649


 89.4841, 85.5854,
100.0562

 24.3676, 22.1017,
26.8883


115.2342,
111.0791, 129.1023

 15.7327, 13.9317,
17.2576


145.5035,
141.1908, 163.2870

 9.4249, 8.0732,
10.2545

180.6573,
176.3047, 203.0290

 5.0786, 4.1418,
5.4602

221.0609,
216.8054, 248.7467

 2.3287, 1.7532,
2.4563

267.0797,

 0.8093, 0.4577,

263.0771, 300.8588

0.8169

319.0791,
315.5044, 359.7838

■ 0.0000, 0.0000,
0.0000

■ 50.0797, 46.9141,
55.7061

■ 50.0797, 46.9141,
55.7061

■ 45.3773, 39.1679,
49.0240

■ 55.4711, 55.9229,
62.9708

■ 41.3303, 32.6211,
42.9050

■ 61.5751, 66.2414,
70.8310

■ 37.9080, 27.2142,
37.3323

■ 68.4194, 77.9218,
79.3029

■ 35.0760, 22.8805,
32.2873

■ 75.7712, 90.4971,
88.3151

■ 32.7960, 19.5458,
27.7497

■ 77.1779, 91.0598,
95.7228

■ 31.0251, 17.1268,
23.6975

■ 78.6624, 91.6535,
103.5397

■ 29.7132, 15.5262,
20.1060

■ 79.5425, 92.0056,
108.1743

■ 28.7970, 14.6200,
16.9457

■ 28.5241, 14.3822,
15.9046

Harmonies

Analogous

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



48.4856, 46.9141, 63.4062



50.0797, 46.9141, 55.7061



50.1630, 46.9141, 47.5002

Triad

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



50.0797, 46.9141, 55.7061



43.3218, 46.9141, 37.2281



40.7113, 46.9141, 62.7126

Complementary

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



50.0797, 46.9141, 55.7061



48.7336, 57.1853, 56.6161

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.



39.4467, 46.9141, 54.8383



50.0797, 46.9141, 55.7061



40.9097, 46.9141, 40.4673

Square

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



50.0797, 46.9141, 55.7061



46.1773, 46.9141, 37.4071



39.5177, 46.9141, 46.7202



43.0404, 46.9141, 67.7382

Rectangle

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



50.0797, 46.9141, 55.7061



49.3443, 46.9141, 42.8725



39.5177, 46.9141, 46.7202



40.1522, 46.9141, 60.2766

Sweetspot

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



50.0811, 46.9162, 55.7071



90.1654, 91.7527, 102.5798



47.1611, 45.1962, 65.2703



19.1572, 19.4001, 21.7704



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.



50.0811, 46.9162, 55.7071



77.2563, 70.2151, 85.0805



48.3304, 46.2159, 46.4882



12.0665, 11.9113, 13.6259



18.0194, 9.0806, 10.2744



1.0475, 0.5237, 0.7848

Inverse Universe

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



50.0811, 46.9162, 55.7071



77.2563, 70.2151, 85.0805



50.6723, 57.9608, 66.8253



12.0665, 11.9113, 13.6259



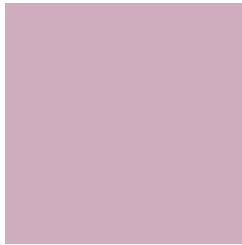
18.0194, 9.0806, 10.2744



1.0475, 0.5237, 0.7848

Previews

White Background



This preview shows how the XYZ color 50.0797, 46.9141, 55.7061 looks on a white background.

Color Contrast Check

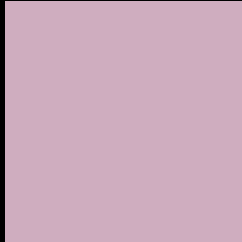
Large Text (above 18pt) WCAG AA × Fail

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 50.0797, 46.9141, 55.7061 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

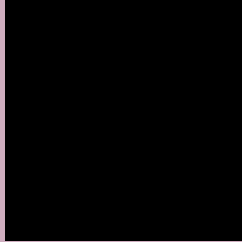
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 50.0797, 46.9141, 55.7061

Background



This preview shows how black text looks on a background with the XYZ color 50.0797, 46.9141, 55.7061.



This preview shows how white text looks on a background with the XYZ color 50.0797, 46.9141,

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

50.0797, 46.9141, 55.7061

Protanopia

45.7791, 46.9784, 58.8795

Deuteranopia

48.0424, 47.0323, 55.2612



Tritanopia

49.5593, 46.9818, 53.4700

Trichromacy



Original Color

50.0797, 46.9141, 55.7061

Protanomaly

47.1439, 46.8122, 57.5898

Deuteranomaly

48.9070, 47.1859, 55.2453

Tritanomaly

49.6668, 47.0248, 54.0359

Monochromacy



Original Color

50.0797, 46.9141, 55.7061

Achromatopsia

46.1135, 48.5150, 52.8328

Achromatomaly

47.4858, 47.9731, 53.7707

CSS Examples

Text

The CSS property to change the color of the text to XYZ 50.0797, 46.9141, 55.7061 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(207, 173, 191)` looks like.

```
.text, #text, p{  
    color:rgb(207, 173, 191)  
}
```

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(207, 173, 191) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(207, 173, 191) }
```

Border

The CSS property to change the border of an element to XYZ 50.0797, 46.9141, 55.7061 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(207, 173, 191) }
```


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

```
.border{ border-color:rgb(207, 173, 191) }
```

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

Here you see how a box with a 4 pixel `rgb(207, 173, 191)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(207, 173, 191); -webkit-box-  
shadow:4px 4px 4px 4px rgb(207, 173, 191);  
box-shadow:4px 4px 4px 4px rgb(207, 173,  
191) }
```

Background

The CSS property to change the background color of an element to XYZ 50.0797, 46.9141, 55.7061 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(207, 173, 191) }
```

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

```
.background{ background-color: rgb(207,  
173, 191) }
```

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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