

Converting Colors

XYZ(45.5983, 46.0806, 45.0169)

Have a look what the booklet for
XYZ(45.5983, 46.0806, 45.0169)
contains.

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Color

**XYZ(45.5785, 45.9867,
45.0021)**

Conversions

Conversions Part 1

Format	Color
Hex	C3B1AB
RGB	195, 177, 171
RGB Percent	76%, 69%, 67%
CMY	0.2353, 0.3059, 0.3294
CMYK	0.00, 0.09, 0.12, 0.24
HSL	15°, 17%, 72%
HSV	15°, 12%, 76%
XYZ	45.5785, 45.9867, 45.0021
YIQ	181.6980, 12.6540, 1.9500

Conversions

Conversions Part 2

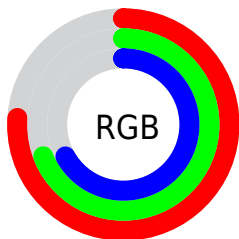
Format	Color
RYB	195, 179, 171
Decimal	12825003
CIELab	73.54, 5.43, 5.40
CIELCh	74, 7.652, 44.845
Yxy	45.9867, 0.3337, 0.3367
Android (android.graphics.Color)	4291015083 (0xFFC3B1AB)
YUV	181.6980, -5.2741, 11.6659
Hunter-Lab	67.8135, 1.2990, 8.1237

Details

The XYZ color **45.5785, 45.9867, 45.0021** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **44.8422, 48.9921, 58.7232**, and the grayscale version is **44.3232, 46.6315, 50.7817**.

A 20% lighter version of the original color is **83.0113, 84.4643, 83.8796**, and **21.5219, 21.4099, 20.4510** is the 20% darker color. If you saturate the color by 10%, you get **41.1205, 39.8287, 35.0124**, and if you desaturate by 10%, it is **50.6228, 52.8775, 56.5412**.

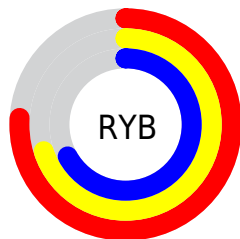
Distribution



Red (76%)

Green (69%)

Blue (67%)



Red (76%)

Yellow (70%)

Blue (67%)

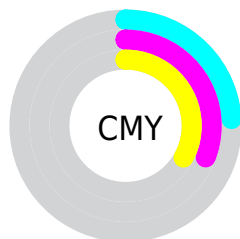


Cyan (0%)

Magenta (9%)

Yellow (12%)

Black (24%)



Cyan (24%)


Magenta (31%)


Yellow (33%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 45.5785, 45.9867, 45.0021 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 45.5785, 45.9867, 45.0021 by changing the saturation by 10% instead.


 45.5785, 45.9867,
45.0021

 45.5785, 45.9867,
45.0021


359.8559,
370.7552, 382.9424

 32.1166, 32.2353,
31.1161


 82.8196, 84.1991,
84.0420

 21.6065, 21.5413,
20.4281


107.3294,
109.4289, 110.0331

 13.6830, 13.5203,
12.5194


136.2526,
139.2536, 140.8962

 7.9808, 7.7878,
6.9717

169.9544,
174.0577, 177.0500

 4.1343, 3.9594,
3.3662

208.8003,
214.2255, 218.9130

 1.7784, 1.6509,
1.2845

253.1556,

 0.5046, 0.3916,

260.1414, 266.9037

0.0491

303.3857,
312.1898, 321.4407

■ 0.0000, 0.0000,
0.0000

■ 45.5785, 45.9867,
45.0021

■ 45.5785, 45.9867,
45.0021

■ 41.1205, 39.8287,
35.0124

■ 50.6228, 52.8775,
56.5412

■ 37.2232, 34.3731,
26.5030

■ 56.2701, 60.5179,
69.6890

■ 33.8651, 29.5964,
19.4037

■ 62.5412, 68.9320,
84.5053

■ 31.0212, 25.4715,
13.6376

■ 69.4546, 78.1410,
101.0458

■ 28.6649, 21.9695,
9.1205

■ 74.7771, 87.2646,
107.5103

■ 26.7669, 19.0589,
5.7581

■ 76.3159, 90.3422,
108.0233

■ 25.2944, 16.7056,
3.4429

■ 24.2095, 14.8715,
2.0465

■ 23.5950, 13.7806,
1.4163

Harmonies

Analogous

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



46.2707, 45.9867, 48.1881



45.5785, 45.9867, 45.0021



44.3923, 45.9867, 43.2228

Triad

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



45.5785, 45.9867, 45.0021



41.2471, 45.9867, 48.1501



44.3785, 45.9867, 57.6199

Complementary

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



45.5785, 45.9867, 45.0021



44.8422, 48.9921, 58.7232

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.



43.0327, 45.9867, 57.6084



45.5785, 45.9867, 45.0021



41.2436, 45.9867, 52.0037

Square

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



45.5785, 45.9867, 45.0021



41.9010, 45.9867, 44.9755



41.8913, 45.9867, 55.5084



45.5682, 45.9867, 55.5390

Rectangle

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



45.5785, 45.9867, 45.0021



43.4898, 45.9867, 43.0125



41.8913, 45.9867, 55.5084



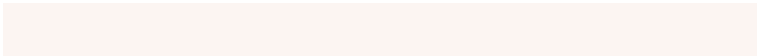
43.9289, 45.9867, 57.8639

Sweetspot

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



45.5798, 45.9887, 45.0031



89.0035, 92.4426, 97.4341



46.2544, 44.4026, 54.2773



19.3342, 20.0305, 20.9766



0.0000, 0.0000, 0.0000



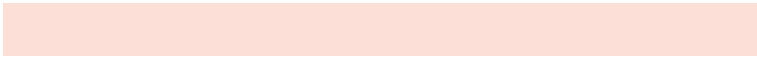
20.3446, 21.4041, 23.3091

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



45.5798, 45.9887, 45.0031



79.1908, 79.0055, 75.0849



48.0544, 50.9381, 45.8280



10.2734, 10.4782, 10.5429



15.3927, 9.0711, 0.9396



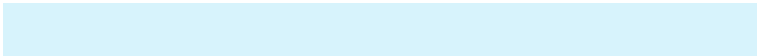
0.7220, 0.5058, 0.0596

Inverse Universe

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



44.8422, 48.9921, 58.7232



77.5877, 85.5283, 104.8891



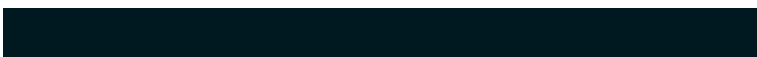
42.3676, 44.0429, 57.8983



10.1483, 10.9879, 12.8708



13.1743, 16.1052, 35.9709



0.6212, 0.7998, 1.5715

Previews

White Background



This preview shows how the XYZ color 45.5785, 45.9867, 45.0021 looks on a white background.

Color Contrast Check

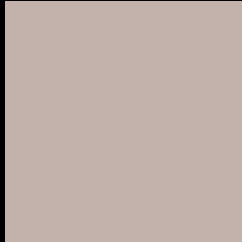
Large Text (above 18pt) WCAG AA × Fail

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 45.5785, 45.9867, 45.0021 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

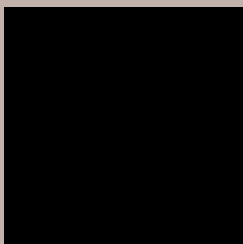
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

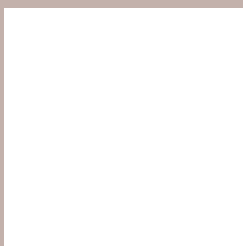
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 45.5785, 45.9867, 45.0021

Background



This preview shows how black text looks on a background with the XYZ color 45.5785, 45.9867, 45.0021.



This preview shows how white text looks on a background with the XYZ color 45.5785, 45.9867,

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

45.5785, 45.9867, 45.0021

Protanopia

44.1138, 46.0987, 46.1081

Deuteranopia

47.0378, 46.1568, 44.9581



Tritanopia

47.2391, 45.7733, 53.9223

Trichromacy



Original Color

45.5785, 45.9867, 45.0021

Protanomaly

44.5528, 46.0376, 45.5677

Deuteranomaly

46.4292, 46.1331, 44.9856

Tritanomaly

46.5384, 45.7731, 50.6382

Monochromacy



Original Color

45.5785, 45.9867, 45.0021

Achromatopsia

44.4628, 46.7784, 50.9417

Achromatomaly

44.8507, 46.4217, 48.7159

CSS Examples

Text

The CSS property to change the color of the text to XYZ 45.5785, 45.9867, 45.0021 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(195, 177, 171)` looks like.

```
.text, #text, p{  
    color:rgb(195, 177, 171)  
}
```

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(195, 177, 171) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(195, 177, 171) }
```

Border

The CSS property to change the border of an element to XYZ 45.5785, 45.9867, 45.0021 is called "border". The border property can be set on classes, ids or directly on the HTML element.

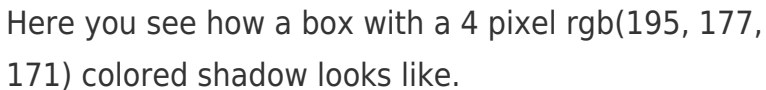
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(195, 177, 171) }
```


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

```
.border{ border-color:rgb(195, 177, 171) }
```

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



Here you see how a box with a 4 pixel `rgb(195, 177, 171)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(195, 177, 171); -webkit-box-shadow:4px 4px 4px 4px rgb(195, 177, 171); box-shadow:4px 4px 4px 4px rgb(195, 177, 171) }
```

Background

The CSS property to change the background color of an element to XYZ 45.5785, 45.9867, 45.0021 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(195, 177, 171) }
```

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

```
.background{ background-color: rgb(195,  
177, 171) }
```

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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