

Converting Colors

XYZ(52.0195, 46.8677, 43.4971)

Have a look what the booklet for
XYZ(52.0195, 46.8677, 43.4971)
contains.

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Color

**XYZ(51.8110, 46.6797,
43.3251)**

Conversions

Conversions Part 1

Format	Color
Hex	E0A8A8
RGB	224, 168, 168
RGB Percent	88%, 66%, 66%
CMY	0.1216, 0.3412, 0.3412
CMYK	0.00, 0.25, 0.25, 0.12
HSL	0°, 47%, 77%
HSV	0°, 25%, 88%
XYZ	51.8110, 46.6797, 43.3251
YIQ	184.7440, 33.3760, 11.8720

Conversions

Conversions Part 2

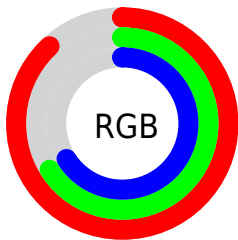
Format	Color
RYB	224, 168, 168
Decimal	14723240
CIELab	73.98, 20.58, 8.04
CIELCh	74, 22.094, 21.345
Yxy	46.6797, 0.3653, 0.3292
Android (android.graphics.Color)	4292913320 (0xFFE0A8A8)
YUV	184.7440, -8.2548, 34.4275
Hunter-Lab	68.3225, 15.7974, 10.2285

Details

The XYZ color **51.8110, 46.6797, 43.3251** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **56.2579, 67.0160, 80.4916**, and the grayscale version is **46.0043, 48.4001, 52.7077**.

A 20% lighter version of the original color is **80.9470, 79.3631, 80.8643**, and **25.5462, 22.0766, 19.4378** is the 20% darker color. If you saturate the color by 10%, you get **46.1164, 38.3472, 32.0029**, and if you desaturate by 10%, it is **58.5799, 56.5847, 56.7799**.

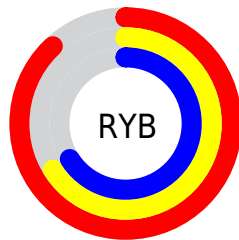
Distribution



Red (88%)

Green (66%)

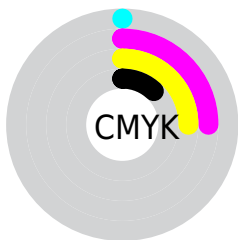
Blue (66%)



Red (88%)

Yellow (66%)

Blue (66%)

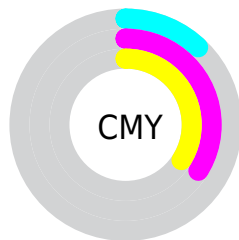


Cyan (0%)

Magenta (25%)

Yellow (25%)

Black (12%)



Cyan (12%)


Magenta (34%)


Yellow (34%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 51.8110, 46.6797, 43.3251 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 51.8110, 46.6797, 43.3251 by changing the saturation by 10% instead.

 51.8110, 46.6797,
43.3251


 51.8110, 46.6797,
43.3251


384.0425,
373.5346, 375.9075

 37.0781, 32.7825,
29.8070


 92.0283, 85.2353,
81.4928

 25.4419, 21.9599,
19.4413


 118.2435,
110.6625, 106.9795

 16.5371, 13.8274,
11.8096


149.0167,
140.7019, 137.2928

 9.9983, 8.0007,
6.4932

184.7135,
175.7378, 172.8513

 5.4601, 4.0954,
3.0736

225.6991,
216.1546, 214.0735

 2.5571, 1.7271,
1.1323

272.3389,

 0.9242, 0.4411,

262.3368, 261.3778

0.0000

324.9982,
314.6686, 315.1830

0.0000, 0.0000,
0.0000

51.8110, 46.6797,
43.3251

51.8110, 46.6797,
43.3251

46.1164, 38.3472,
32.0029

58.5799, 56.5847,
56.7799

41.4373, 31.5003,
22.7011

66.4702, 68.1304,
72.4657

37.7152, 26.0537,
15.3019

75.5309, 81.3887,
90.4785

34.8840, 21.9108,
9.6739

84.5506, 94.5874,
108.4086

32.8693, 18.9626,
5.6692

■ 31.5847, 17.0828,
3.1160

■ 30.9244, 16.1164,
1.8036

■ 30.7408, 15.8478,
1.4387

Harmonies

Analogous

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



52.2935, 46.6797, 54.1645



51.8110, 46.6797, 43.3251



49.2742, 46.6797, 35.6848

Triad

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



51.8110, 46.6797, 43.3251



38.7061, 46.6797, 38.4334



43.2364, 46.6797, 75.4578

Complementary

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



51.8110, 46.6797, 43.3251



56.2579, 67.0160, 80.4916

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.



39.7982, 46.6797, 69.7395



51.8110, 46.6797, 43.3251



37.2861, 46.6797, 47.6281

Square

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



51.8110, 46.6797, 43.3251



41.6647, 46.6797, 33.1652



37.6737, 46.6797, 59.1468



47.1850, 46.6797, 73.8527

Rectangle

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



51.8110, 46.6797, 43.3251



46.8374, 46.6797, 32.9036



37.6737, 46.6797, 59.1468



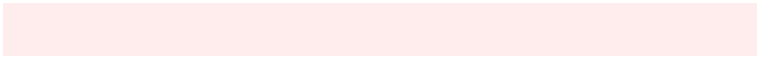
41.9863, 46.6797, 74.3009

Sweetspot

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



51.8123, 46.6819, 43.3261



86.8760, 88.0393, 92.6501



58.1981, 49.2349, 76.9573



18.4520, 18.6347, 19.5466



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.



51.8123, 46.6819, 43.3261



65.3474, 56.5370, 49.8517



57.5487, 58.1548, 45.2382



13.7074, 13.7007, 14.2288



17.8933, 9.2246, 0.8374



1.2403, 0.6395, 0.0581

Inverse Universe

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



56.2579, 67.0160, 80.4916



72.2831, 88.2604, 107.8340



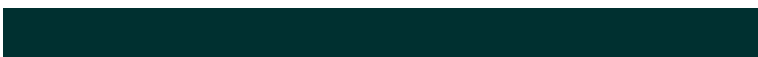
49.3434, 53.1870, 78.1868



14.1165, 15.5722, 17.6494



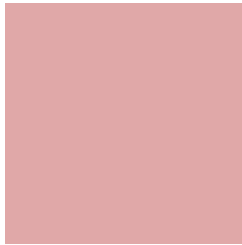
23.3444, 34.1583, 46.4112



1.6181, 2.3677, 3.2170

Previews

White Background



This preview shows how the XYZ color 51.8110, 46.6797, 43.3251 looks on a white background.

Color Contrast Check

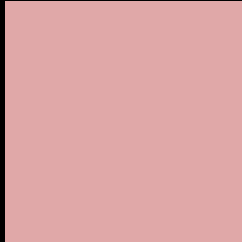
Large Text (above 18pt) WCAG AA × Fail

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 51.8110, 46.6797, 43.3251 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

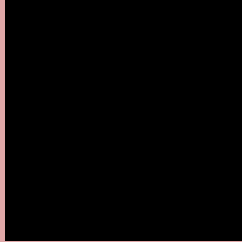
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 51.8110, 46.6797, 43.3251

Background



This preview shows how black text looks on a background with the XYZ color 51.8110, 46.6797, 43.3251.



This preview shows how white text looks on a background with the XYZ color 51.8110, 46.6797,

43.3251.

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

51.8110, 46.6797, 43.3251

Protanopia

44.7553, 46.7077, 47.2141

Deuteranopia

47.9540, 46.9625, 43.0964



Tritanopia

52.8242, 46.5347, 48.8458

Trichromacy



Original Color

51.8110, 46.6797, 43.3251

Protanomaly

46.7911, 46.3086, 45.5020

Deuteranomaly

49.3592, 46.8233, 42.9955

Tritanomaly

52.6079, 46.7401, 46.8064

Monochromacy



Original Color

51.8110, 46.6797, 43.3251

Achromatopsia

46.1135, 48.5150, 52.8328

Achromatomaly

47.8100, 47.6370, 49.3228

CSS Examples

Text

The CSS property to change the color of the text to XYZ 51.8110, 46.6797, 43.3251 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(224, 168, 168)` looks like.

```
.text, #text, p{  
    color:rgb(224, 168, 168)  
}
```

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(224, 168, 168) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(224, 168, 168) }
```

Border

The CSS property to change the border of an element to XYZ 51.8110, 46.6797, 43.3251 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(224, 168, 168) }
```


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

```
.border{ border-color:rgb(224, 168, 168) }
```

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

Here you see how a box with a 4 pixel `rgb(224, 168, 168)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(224, 168, 168); -webkit-box-  
shadow:4px 4px 4px 4px rgb(224, 168, 168);  
box-shadow:4px 4px 4px 4px rgb(224, 168,  
168) }
```

Background

The CSS property to change the background color of an element to XYZ 51.8110, 46.6797, 43.3251 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(224, 168, 168) }
```

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

```
.background{ background-color: rgb(224,  
168, 168) }
```

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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