

Converting Colors

XYZ(58.7322, 59.5467, 49.4469)

Have a look what the booklet for
XYZ(58.7322, 59.5467, 49.4469)
contains.

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Color

**XYZ(58.6913, 59.6694,
49.4983)**

Conversions

Conversions Part 1

Format	Color
Hex	DFC7B0
RGB	223, 199, 176
RGB Percent	87%, 78%, 69%
CMY	0.1255, 0.2196, 0.3098
CMYK	0.00, 0.11, 0.21, 0.13
HSL	29°, 42%, 78%
HSV	29°, 21%, 87%
XYZ	58.6913, 59.6694, 49.4983
YIQ	203.5540, 21.6870, -2.0650

Conversions

Conversions Part 2

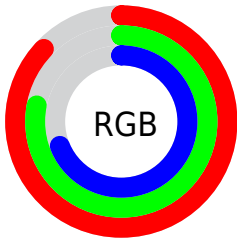
Format	Color
R _Y B	223, 221, 176
Decimal	14665648
CIE Lab	81.66, 4.84, 14.59
CIE LCh	82, 15.374, 71.665
Yxy	59.6694, 0.3496, 0.3555
Android (android.graphics.Color)	4292855728 (0xFFDFC7B0)
YUV	203.5540, -13.5841, 17.0541
Hunter-Lab	77.2460, 0.4434, 16.0799

Details

The XYZ color **58.6913, 59.6694, 49.4983** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **51.8777, 55.8650, 77.8611**, and the grayscale version is **57.1878, 60.1660, 65.5208**.

A 20% lighter version of the original color is **91.5655, 98.6062, 90.5508**, and **29.6369, 29.8963, 22.9474** is the 20% darker color. If you saturate the color by 10%, you get **54.1417, 53.8157, 37.9756**, and if you desaturate by 10%, it is **63.8026, 66.0655, 62.9979**.

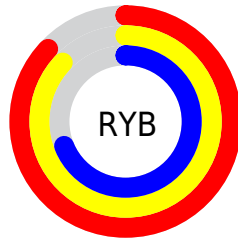
Distribution



Red (87%)

Green (78%)

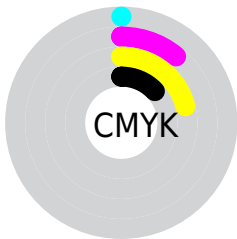
Blue (69%)



Red (87%)

Yellow (87%)

Blue (69%)

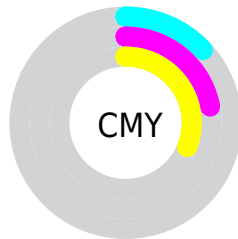


Cyan (0%)

Magenta (11%)

Yellow (21%)

Black (13%)



Cyan (13%)


Magenta (22%)


Yellow (31%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 58.6913, 59.6694, 49.4983 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 58.6913, 59.6694, 49.4983 by changing the saturation by 10% instead.

 58.6913, 59.6694,
49.4983

 58.6913, 59.6694,
49.4983


409.6694,
423.3781, 401.3795

 42.6101, 43.1522,
34.6465


 102.0461,
104.3499, 90.8197

 29.7725, 30.0046,
23.1094


130.0503,
133.2821, 118.1265

 19.8132, 19.8421,
14.4682


162.7596,
167.1213, 150.4220

 12.3668, 12.2803,
8.3046

200.5393,
206.2521, 188.1247

 7.0680, 6.9349,
4.1999

243.7548,
251.0588, 231.6533

 3.5514, 3.4214,
1.7356

292.7714,

 1.4516, 1.3555,

301.9257, 281.4263

0.3850

347.9545,
359.2374, 337.8621

■ 0.2925, 0.1836,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 58.6913, 59.6694,
49.4983

■ 58.6913, 59.6694,
49.4983

■ 54.1417, 53.8157,
37.9756

■ 63.8026, 66.0655,
62.9979

■ 50.1271, 48.4807,
28.3314

■ 69.4914, 73.0108,
78.5586

■ 46.6255, 43.6506,
20.4646

■ 75.7789, 80.5222,
96.2646

■ 43.6113, 39.3079,
14.2630

■ 80.9968, 87.9385,
107.3126

■ 41.0562, 35.4337,
9.6011

■ 84.2416, 94.4280,
108.3942

■ 38.9285, 32.0074,
6.3357

■ 37.1907, 29.0057,
4.2957

■ 35.9161, 26.6572,
3.2524

Harmonies

Analogous

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



61.4840, 59.6694, 53.8425



58.6913, 59.6694, 49.4983



55.4668, 59.6694, 49.0526

Triad

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



58.6913, 59.6694, 49.4983



50.8432, 59.6694, 68.6351



60.9461, 59.6694, 79.1924

Complementary

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



58.6913, 59.6694, 49.4983



51.8777, 55.8650, 77.8611

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.



57.9797, 59.6694, 84.0042



58.6913, 59.6694, 49.4983



52.1972, 59.6694, 77.5335

Square

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



58.6913, 59.6694, 49.4983



51.0174, 59.6694, 59.5307



54.7816, 59.6694, 83.3698



62.8195, 59.6694, 70.7305

Rectangle

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



58.6913, 59.6694, 49.4983



53.5140, 59.6694, 50.9691



54.7816, 59.6694, 83.3698



60.0391, 59.6694, 81.3250

Sweetspot

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



58.6929, 59.6721, 49.4996



90.2421, 94.1705, 95.6251



56.4158, 50.9228, 61.6736



19.2073, 20.0241, 20.1719



0.0000, 0.0000, 0.0000



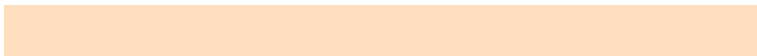
20.3446, 21.4041, 23.3091

Same Dimension

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



58.6929, 59.6721, 49.4996



76.9132, 77.5161, 60.3429



64.4472, 71.1807, 51.4176



14.2583, 14.8026, 14.4125



21.2306, 15.8990, 1.9498



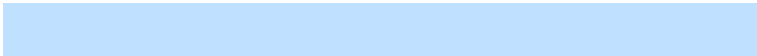
1.5610, 1.2809, 0.1650

Inverse Universe

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



51.8777, 55.8650, 77.8611



66.1999, 71.5311, 104.9255



46.9039, 45.9174, 76.2032



13.5277, 14.3945, 17.4531



11.4734, 10.4163, 42.4542



0.8848, 0.9012, 2.9725

Previews

White Background



This preview shows how the XYZ color 58.6913, 59.6694, 49.4983 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 58.6913, 59.6694, 49.4983 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

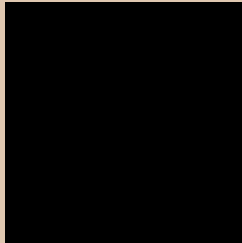
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 58.6913, 59.6694, 49.4983

Background



This preview shows how black text looks on a background with the XYZ color 58.6913, 59.6694, 49.4983.



This preview shows how white text looks on a background with the XYZ color 58.6913, 59.6694,

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

58.6913, 59.6694, 49.4983

Protanopia

56.5970, 59.6015, 50.6407

Deuteranopia

60.9545, 59.8100, 49.9268



Tritanopia

62.4790, 59.5179, 68.5167

Trichromacy



Original Color

58.6913, 59.6694, 49.4983

Protanomaly

57.4377, 59.6993, 50.0908

Deuteranomaly

60.2152, 59.7648, 49.9571

Tritanomaly

61.1820, 59.6798, 61.1180

Monochromacy



Original Color

58.6913, 59.6694, 49.4983

Achromatopsia

57.3938, 60.3827, 65.7568

Achromatomaly

57.7221, 59.9850, 59.5749

CSS Examples

Text

The CSS property to change the color of the text to XYZ 58.6913, 59.6694, 49.4983 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(223, 199, 176)` looks like.

```
.text, #text, p{  
    color:rgb(223, 199, 176)  
}
```

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(223, 199, 176) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(223, 199, 176) }
```

Border

The CSS property to change the border of an element to XYZ 58.6913, 59.6694, 49.4983 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(223, 199, 176) }
```


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

```
.border{ border-color:rgb(223, 199, 176) }
```

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

Here you see how a box with a 4 pixel `rgb(223, 199, 176)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(223, 199, 176); -webkit-box-  
shadow:4px 4px 4px 4px rgb(223, 199, 176);  
box-shadow:4px 4px 4px 4px rgb(223, 199,  
176) }
```

Background

The CSS property to change the background color of an element to XYZ 58.6913, 59.6694, 49.4983 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(223, 199, 176) }
```

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

```
.background{ background-color: rgb(223,  
199, 176) }
```

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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