

Converting Colors

XYZ(58.2066, 64.0658, 54.7915)

Have a look what the booklet for
XYZ(58.2066, 64.0658, 54.7915)
contains.

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Color

**XYZ(58.2076, 63.9576,
54.6246)**

Conversions

Conversions Part 1

Format	Color
Hex	D0D4B8
RGB	208, 212, 184
RGB Percent	82%, 83%, 72%
CMY	0.1843, 0.1686, 0.2784
CMYK	0.02, 0.00, 0.13, 0.17
HSL	69°, 25%, 78%
HSV	69°, 13%, 83%
XYZ	58.2076, 63.9576, 54.6246
YIQ	207.6120, 6.6040, -9.5560

Conversions

Conversions Part 2

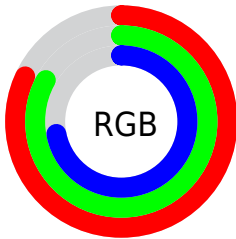
Format	Color
RYB	184, 212, 188
Decimal	13685944
CIELab	83.94, -6.19, 13.40
CIELCh	84, 14.759, 114.789
Yxy	63.9576, 0.3292, 0.3618
Android (android.graphics.Color)	4291876024 (0xFFD0D4B8)
YUV	207.6120, -11.6407, 0.3403
Hunter-Lab	79.9735, -10.0349, 15.4844

Details

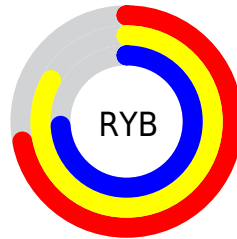
The XYZ color **58.2076, 63.9576, 54.6246** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **49.7658, 49.7276, 69.2664**, and the grayscale version is **59.7745, 62.8874, 68.4844**.

A 20% lighter version of the original color is **92.7282, 99.0713, 96.6734**, and **29.4801, 32.6227, 26.2158** is the 20% darker color. If you saturate the color by 10%, you get **55.3061, 62.7016, 43.7447**, and if you desaturate by 10%, it is **61.4620, 65.3609, 67.2622**.

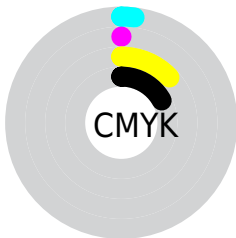
Distribution



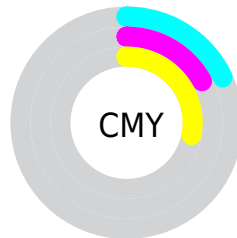
- Red (82%)
- Green (83%)
- Blue (72%)



- Red (72%)
- Yellow (83%)
- Blue (74%)



- Cyan (2%)
- Magenta (0%)
- Yellow (13%)
- Black (17%)



- Cyan (18%)
- Magenta (17%)
- Yellow (28%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 58.2076, 63.9576, 54.6246 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 58.2076, 63.9576, 54.6246 by changing the saturation by 10% instead.

■ 58.2076, 63.9576,
54.6246

■ 58.2076, 63.9576,
54.6246

407.9005,
439.0365, 421.7291

■ 42.2195, 46.6163,
38.7047

■ 101.3463,
110.5499, 98.4563

■ 29.4650, 32.7325,
26.2240

129.2277,
140.5697, 127.2052

■ 19.5789, 21.9216,
16.7640

161.8041,
175.5844, 161.0676

■ 12.1958, 13.7993,
9.9062

199.4410,
215.9785, 200.4618

■ 6.9503, 7.9812,
5.2320

242.5038,
262.1364, 245.8066

■ 3.4771, 4.0829,
2.3229

291.3577,

■ 1.4108, 1.7201,

314.4424, 297.5203

0.7440

346.3681,
373.2810, 356.0217

■ 0.2639, 0.4366,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 58.2076, 63.9576,
54.6246

■ 58.2076, 63.9576,
54.6246

■ 55.3061, 62.7016,
43.7447

■ 61.4620, 65.3609,
67.2622

■ 52.7374, 61.5784,
34.5405

■ 65.0780, 66.9086,
81.7263

■ 50.4873, 60.5846,
26.9299

■ 69.0705, 68.6088,
98.0870

■ 48.5384, 59.7131,
20.8220

■ 71.1488, 69.5453,
104.2814

■ 46.8718, 58.9563,
16.1168

■ 72.0756, 70.0231,
104.3248

■ 45.4659, 58.3057,
12.7024

■ 73.0191, 70.5095,
104.3689

■ 44.2962, 57.7513,
10.4495

■ 73.9794, 71.0045,
104.4138

■ 43.3330, 57.2814,
9.2023

■ 74.9566, 71.5083,
104.4596

■ 42.7623, 56.9966,
8.7476

■ 75.9508, 72.0208,
104.5061

Harmonies

Analogous

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



61.3590, 63.9576, 53.2961



58.2076, 63.9576, 54.6246



55.8266, 63.9576, 59.8229

Triad

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



58.2076, 63.9576, 54.6246



57.2580, 63.9576, 85.3055



67.2266, 63.9576, 71.2767

Complementary

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



58.2076, 63.9576, 54.6246



49.7658, 49.7276, 69.2664

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.



66.0388, 63.9576, 80.4740



58.2076, 63.9576, 54.6246



60.2241, 63.9576, 89.0217

Square

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



58.2076, 63.9576, 54.6246



55.2922, 63.9576, 77.4140



63.4472, 63.9576, 87.1796



66.6402, 63.9576, 62.4027

Rectangle

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



58.2076, 63.9576, 54.6246



54.9579, 63.9576, 65.0489



63.4472, 63.9576, 87.1796



67.0203, 63.9576, 74.4400

Sweetspot

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



58.2093, 63.9604, 54.6260



92.9163, 99.0847, 100.4543



53.7316, 53.3122, 52.8067



19.8042, 21.1722, 21.1722



0.0000, 0.0000, 0.0000



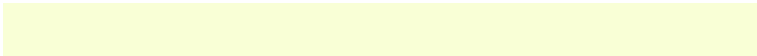
20.3446, 21.4041, 23.3091

Same Dimension

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



58.2093, 63.9604, 54.6260



87.0490, 96.5554, 77.8014



54.5142, 62.0555, 54.4530



13.2901, 14.4258, 13.2447



26.4629, 35.2184, 5.4031



1.6450, 2.1494, 0.3282

Inverse Universe

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



49.7658, 49.7276, 69.2664



71.6730, 70.6355, 104.4642



53.3113, 51.5554, 69.4323



11.9062, 12.0930, 15.6442



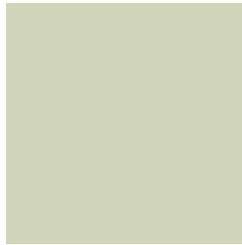
7.7235, 3.1341, 38.6510



0.5201, 0.2170, 2.3338

Previews

White Background



This preview shows how the XYZ color 58.2076, 63.9576, 54.6246 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 58.2076, 63.9576, 54.6246 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

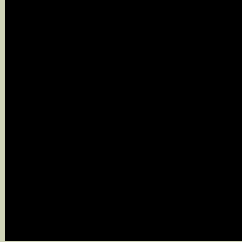
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

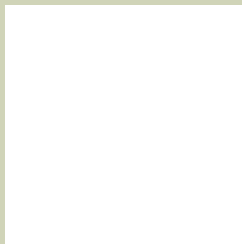
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 58.2076, 63.9576, 54.6246

Background



This preview shows how black text looks on a background with the XYZ color 58.2076, 63.9576, 54.6246.



This preview shows how white text looks on a background with the XYZ color 58.2076, 63.9576,

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

58.2076, 63.9576, 54.6246

Protanopia

60.4574, 64.0384, 53.4302

Deuteranopia

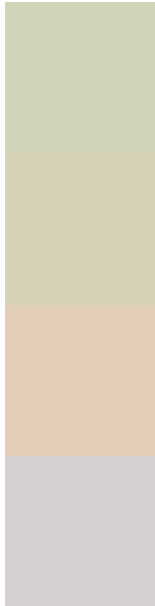
65.2434, 63.9634, 55.3618



Tritanopia

63.1221, 63.7665, 78.7933

Trichromacy



Original Color

58.2076, 63.9576, 54.6246

Protanomaly

59.6182, 63.9592, 54.0029

Deuteranomaly

62.5068, 63.9763, 54.9531

Tritanomaly

61.2159, 63.7122, 69.3929

Monochromacy



Original Color

58.2076, 63.9576, 54.6246

Achromatopsia

59.9535, 63.0757, 68.6895

Achromatomaly

59.1217, 63.1343, 63.1029

CSS Examples

Text

The CSS property to change the color of the text to XYZ 58.2076, 63.9576, 54.6246 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(208, 212, 184) looks like.

```
.text, #text, p{  
    color:rgb(208, 212, 184)  
}
```

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(208, 212, 184) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(208, 212, 184) }
```

Border

The CSS property to change the border of an element to XYZ 58.2076, 63.9576, 54.6246 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(208, 212, 184) }
```


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

```
.border{ border-color:rgb(208, 212, 184) }
```

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

Here you see how a box with a 4 pixel `rgb(208, 212, 184)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(208, 212, 184); -webkit-box-  
shadow:4px 4px 4px 4px rgb(208, 212, 184);  
box-shadow:4px 4px 4px 4px rgb(208, 212,  
184) }
```

Background

The CSS property to change the background color of an element to XYZ 58.2076, 63.9576, 54.6246 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(208, 212, 184) }
```

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

```
.background{ background-color: rgb(208,  
212, 184) }
```

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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