

Converting Colors

XYZ(58.6670, 64.9052, 58.9190)

Have a look what the booklet for
XYZ(58.6670, 64.9052, 58.9190)
contains.

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Color

**XYZ(58.6274, 64.8339,
58.7144)**

Conversions

Conversions Part 1

Format	Color
Hex	CDD6BF
RGB	205, 214, 191
RGB Percent	80%, 84%, 75%
CMY	0.1961, 0.1608, 0.2510
CMYK	0.04, 0.00, 0.11, 0.16
HSL	83°, 22%, 79%
HSV	83°, 11%, 84%
XYZ	58.6274, 64.8339, 58.7144
YIQ	208.6870, 2.0190, -9.0610

Conversions

Conversions Part 2

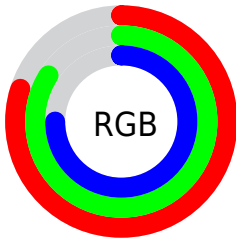
Format	Color
RYB	191, 214, 200
Decimal	13489855
CIELab	84.40, -7.13, 10.31
CIELCh	84, 12.535, 124.657
Yxy	64.8339, 0.3218, 0.3559
Android (android.graphics.Color)	4291679935 (0xFFCDD6BF)
YUV	208.6870, -8.7197, -3.2335
Hunter-Lab	80.5195, -10.9407, 13.1297

Details

The XYZ color **58.6274, 64.8339, 58.7144** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **54.5904, 54.3978, 71.2444**, and the grayscale version is **60.4560, 63.6044, 69.2652**.

A 20% lighter version of the original color is **93.7885, 99.4954, 102.2570**, and **29.7481, 33.2106, 28.8871** is the 20% darker color. If you saturate the color by 10%, you get **54.1936, 62.8026, 47.0985**, and if you desaturate by 10%, it is **63.5326, 67.0722, 72.1514**.

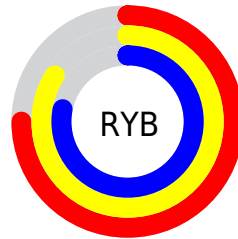
Distribution



Red (80%)

Green (84%)

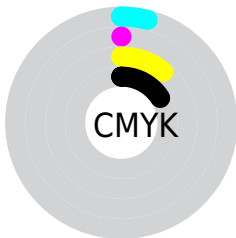
Blue (75%)



Red (75%)

Yellow (84%)

Blue (78%)

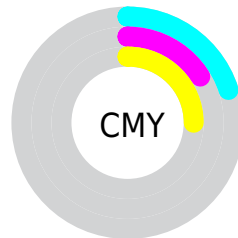


Cyan (4%)

Magenta (0%)

Yellow (11%)

Black (16%)



Cyan (20%)

Magenta (16%)

Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 58.6274, 64.8339, 58.7144 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 58.6274, 64.8339, 58.7144 by changing the saturation by 10% instead.

■ 58.6274, 64.8339,
58.7144

■ 58.6274, 64.8339,
58.7144

409.4360,
442.1948, 437.5151

■ 42.5585, 47.3264,
41.9648

■ 101.9537,
111.8110, 104.4875

■ 29.7318, 33.2938,
28.7483

129.9417,
142.0494, 134.3480

■ 19.7822, 22.3516,
18.6466

162.6335,
177.3003, 169.4159

■ 12.3442, 14.1155,
11.2410

200.3944,
217.9480, 210.1098

■ 7.0524, 8.2010,
6.1129

243.5897,
264.3769, 256.8481

■ 3.5415, 4.2238,
2.8440

292.5848,

■ 1.4462, 1.7996,

316.9714, 310.0493

1.0155

347.7452,
376.1159, 370.1322

■ 0.2888, 0.4869,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 58.6274, 64.8339,
58.7144

■ 58.6274, 64.8339,
58.7144

■ 54.1936, 62.8026,
47.0985

■ 63.5326, 67.0722,
72.1514

■ 50.2092, 60.9631,
37.2210

■ 68.9198, 69.5158,
87.4788

■ 46.6580, 59.3107,
28.9994

■ 74.7731, 72.1604,
104.5951

■ 43.5208, 57.8375,
22.3425

■ 77.5285, 73.5809,
104.7241

■ 40.7765, 56.5348,
17.1505

■ 80.4149, 75.0689,
104.8592

■ 38.4019, 55.3932,
13.3120

■ 83.3379, 76.5758,
104.9960

■ 36.3706, 54.4017,
10.6996

■ 34.6516, 53.5478,
9.1618

■ 33.2905, 52.8605,
8.4485

Harmonies

Analogous

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



61.1889, 64.8339, 56.3842



58.6274, 64.8339, 58.7144



56.9086, 64.8339, 64.2299

Triad

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



58.6274, 64.8339, 58.7144



59.3588, 64.8339, 85.3803



67.1156, 64.8339, 69.3553

Complementary

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



58.6274, 64.8339, 58.7144



54.5904, 54.3978, 71.2444

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.



66.5901, 64.8339, 77.3632



58.6274, 64.8339, 58.7144



62.0584, 64.8339, 87.0086

Square

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



58.6274, 64.8339, 58.7144



57.3219, 64.8339, 79.6783



64.7183, 64.8339, 83.9747



66.1333, 64.8339, 62.2262

Rectangle

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



58.6274, 64.8339, 58.7144



56.4432, 64.8339, 69.1745



64.7183, 64.8339, 83.9747



67.1096, 64.8339, 72.0309

Sweetspot

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



58.6292, 64.8367, 58.7158



92.7495, 98.9535, 102.4906



57.7498, 59.2836, 57.6903



19.7230, 21.1213, 21.5799



0.0000, 0.0000, 0.0000



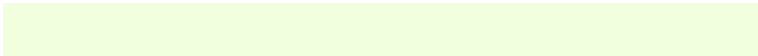
20.3446, 21.4041, 23.3091

Same Dimension

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



58.6292, 64.8367, 58.7158



85.5510, 95.6674, 82.9585



55.6195, 63.2852, 58.5750



12.9804, 14.2661, 13.2302



20.2407, 32.0108, 5.1119



1.3125, 1.9780, 0.3126

Inverse Universe

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



54.5904, 54.3978, 71.2444



78.3349, 77.0154, 105.3445



57.7256, 56.0140, 71.3911



12.1978, 12.2434, 15.6578



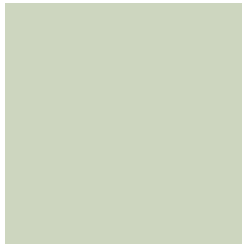
9.6425, 4.1234, 38.7408



0.6731, 0.2959, 2.3409

Previews

White Background



This preview shows how the XYZ color 58.6274, 64.8339, 58.7144 looks on a white background.

Color Contrast Check

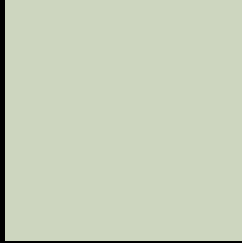
Large Text (above 18pt) WCAG AA × Fail

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 58.6274, 64.8339, 58.7144 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

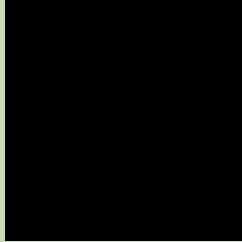
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

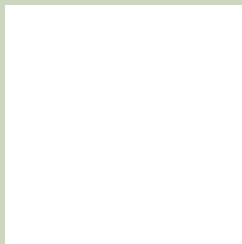
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 58.6274, 64.8339, 58.7144

Background



This preview shows how black text looks on a background with the XYZ color 58.6274, 64.8339, 58.7144.



This preview shows how white text looks on a background with the XYZ color 58.6274, 64.8339,

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

58.6274, 64.8339, 58.7144

Protanopia

61.4453, 64.8274, 57.4185

Deuteranopia

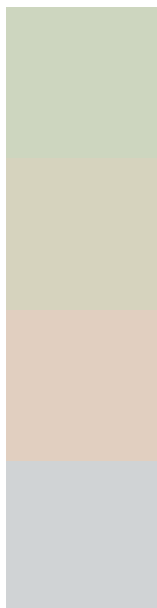
65.9066, 64.5667, 59.4410



Tritanopia

63.1063, 64.7936, 81.1319

Trichromacy



Original Color

58.6274, 64.8339, 58.7144

Protanomaly

60.3201, 64.6024, 58.0055

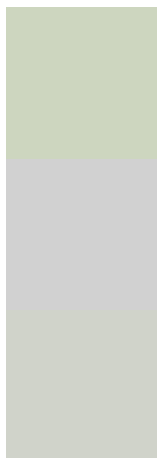
Deuteranomaly

62.8786, 64.4390, 58.9931

Tritanomaly

61.3169, 64.8025, 72.2272

Monochromacy



Original Color

58.6274, 64.8339, 58.7144

Achromatopsia

60.6036, 63.7597, 69.4343

Achromatomaly

59.9674, 64.2627, 65.1204

CSS Examples

Text

The CSS property to change the color of the text to XYZ 58.6274, 64.8339, 58.7144 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(205, 214, 191) looks like.

```
.text, #text, p{  
    color:rgb(205, 214, 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(205, 214, 191) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(205, 214, 191) }
```

Border

The CSS property to change the border of an element to XYZ 58.6274, 64.8339, 58.7144 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(205, 214, 191) }
```


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

```
.border{ border-color:rgb(205, 214, 191) }
```

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

Here you see how a box with a 4 pixel `rgb(205, 214, 191)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(205, 214, 191); -webkit-box-  
shadow:4px 4px 4px 4px rgb(205, 214, 191);  
box-shadow:4px 4px 4px 4px rgb(205, 214,  
191) }
```

Background

The CSS property to change the background color of an element to XYZ 58.6274, 64.8339, 58.7144 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(205, 214, 191) }
```

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

```
.background{ background-color: rgb(205,  
214, 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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