

Converting Colors

XYZ(58.1900, 64.4000, 60.6604)

Have a look what the booklet for
XYZ(58.1900, 64.4000, 60.6604)
contains.

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Color

**XYZ(58.1413, 64.5447,
60.4329)**

Conversions

Conversions Part 1

Format	Color
Hex	CAD6C2
RGB	202, 214, 194
RGB Percent	79%, 84%, 76%
CMY	0.2078, 0.1608, 0.2392
CMYK	0.06, 0.00, 0.09, 0.16
HSL	96°, 20%, 80%
HSV	96°, 9%, 84%
XYZ	58.1413, 64.5447, 60.4329
YIQ	208.1320, -0.7320, -8.7640

Conversions

Conversions Part 2

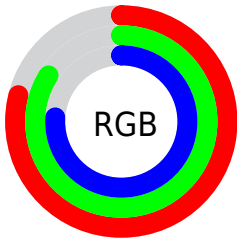
Format	Color
RYB	194, 214, 206
Decimal	13293250
CIELab	84.25, -7.66, 8.48
CIELCh	84, 11.430, 132.103
Yxy	64.5447, 0.3175, 0.3525
Android (android.graphics.Color)	4291483330 (0xFFCAD6C2)
YUV	208.1320, -6.9671, -5.3778
Hunter-Lab	80.3397, -11.4153, 11.6389

Details

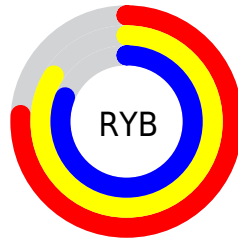
The XYZ color **58.1413, 64.5447, 60.4329** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **56.8854, 56.5621, 71.5410**, and the grayscale version is **60.0854, 63.2145, 68.8406**.

A 20% lighter version of the original color is **94.2553, 99.6821, 104.7153**, and **29.3445, 32.9856, 29.6312** is the 20% darker color. If you saturate the color by 10%, you get **52.5779, 61.9365, 48.5169**, and if you desaturate by 10%, it is **64.3436, 67.4460, 74.1883**.

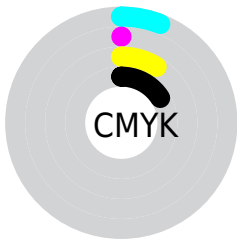
Distribution



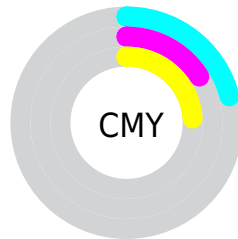
- Red (79%)
- Green (84%)
- Blue (76%)



- Red (76%)
- Yellow (84%)
- Blue (81%)



- Cyan (6%)
- Magenta (0%)
- Yellow (9%)
- Black (16%)



- Cyan (21%)
- Magenta (16%)
- Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 58.1413, 64.5447, 60.4329 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 58.1413, 64.5447, 60.4329 by changing the saturation by 10% instead.

■ 58.1413, 64.5447,
60.4329

■ 58.1413, 64.5447,
60.4329

407.6576,
441.1540, 444.0405

■ 42.1660, 47.0920,
43.3401

■ 101.2504,
111.3950, 107.0069

■ 29.4229, 33.1084,
29.8187

129.1148,
141.5614, 137.3252

■ 19.5469, 22.2095,
19.4501

161.6730,
176.7345, 172.8890

■ 12.1725, 14.0109,
11.8159

199.2903,
217.2987, 214.1169

■ 6.9343, 8.1283,
6.4974

242.3321,
263.6383, 261.4275

■ 3.4670, 4.1771,
3.0762

291.1636,

■ 1.4053, 1.7731,

316.1378, 315.2392

1.1337

346.1504,
375.1816, 375.9707

■ 0.2600, 0.4703,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 58.1413, 64.5447,
60.4329

■ 58.1413, 64.5447,
60.4329

■ 52.5779, 61.9365,
48.5169

■ 64.3436, 67.4460,
74.1883

■ 47.6264, 59.6037,
38.3581

■ 71.2002, 70.6411,
89.8520

■ 43.2654, 57.5388,
29.8746

■ 78.2123, 73.9333,
104.7561

■ 39.4704, 55.7311,
22.9760

■ 82.7404, 76.2677,
104.9680

■ 36.2148, 54.1692,
17.5636

■ 83.3378, 76.5756,
104.9959

■ 33.4694, 52.8404,
13.5276

■ 31.2019, 51.7308,
10.7430

■ 29.3751, 50.8243,
9.0619

■ 27.9323, 50.0973,
8.2377

Harmonies

Analogous

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



60.3327, 64.5447, 57.5081



58.1413, 64.5447, 60.4329



56.8307, 64.5447, 66.0800

Triad

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



58.1413, 64.5447, 60.4329



59.8639, 64.5447, 84.3985



66.2321, 64.5447, 67.3952

Complementary

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



58.1413, 64.5447, 60.4329



56.8854, 56.5621, 71.5410

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.



66.0982, 64.5447, 74.6505



58.1413, 64.5447, 60.4329



62.3742, 64.5447, 84.8113

Square

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



58.1413, 64.5447, 60.4329



57.8062, 64.5447, 80.0468



64.6701, 64.5447, 81.1386



65.0312, 64.5447, 61.3386

Rectangle

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



58.1413, 64.5447, 60.4329



56.6102, 64.5447, 70.7911



64.6701, 64.5447, 81.1386



66.3426, 64.5447, 69.7678

Sweetspot

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



58.1431, 64.5475, 60.4343



92.1738, 98.6567, 102.4637



59.5429, 62.3363, 59.9337



19.5677, 21.0412, 21.5726



0.0000, 0.0000, 0.0000



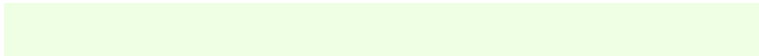
20.3446, 21.4041, 23.3091

Same Dimension

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



58.1431, 64.5475, 60.4343



84.9345, 95.2695, 86.5492



56.2604, 63.5508, 61.5270



12.7278, 14.1359, 13.2184



16.9413, 30.3099, 4.9575



1.1139, 1.8756, 0.3033

Inverse Universe

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



56.8854, 56.5621, 71.5410



82.7381, 81.3250, 105.9443



58.9094, 57.6349, 70.3102



12.4502, 12.3735, 15.6696



12.8754, 5.7900, 38.8921



0.8688, 0.3968, 2.3501

Previews

White Background



This preview shows how the XYZ color 58.1413, 64.5447, 60.4329 looks on a white background.

Color Contrast Check

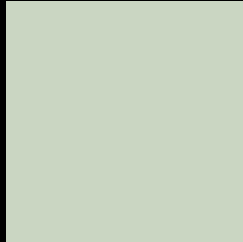
Large Text (above 18pt) WCAG AA × Fail

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 58.1413, 64.5447, 60.4329 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

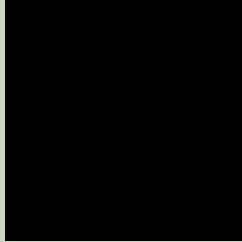
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

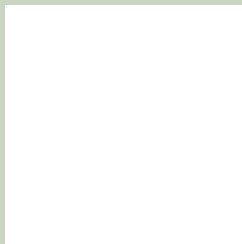
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 58.1413, 64.5447, 60.4329

Background



This preview shows how black text looks on a background with the XYZ color 58.1413, 64.5447, 60.4329.



This preview shows how white text looks on a background with the XYZ color 58.1413, 64.5447,

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

58.1413, 64.5447, 60.4329

Protanopia

61.1179, 64.2679, 58.4739

Deuteranopia

65.5807, 64.3596, 61.1907



Tritanopia

62.2601, 64.3573, 81.0923

Trichromacy



Original Color

58.1413, 64.5447, 60.4329

Protanomaly

59.9601, 64.3914, 59.1377

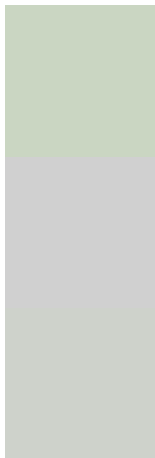
Deuteranomaly

62.5946, 64.2538, 60.7329

Tritanomaly

60.6087, 64.4227, 72.8587

Monochromacy



Original Color

58.1413, 64.5447, 60.4329

Achromatopsia

59.9535, 63.0757, 68.6895

Achromatomaly

59.2797, 63.5268, 65.6374

CSS Examples

Text

The CSS property to change the color of the text to XYZ 58.1413, 64.5447, 60.4329 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(202, 214, 194) looks like.

```
.text, #text, p{  
    color:rgb(202, 214, 194)  
}
```

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(202, 214, 194) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(202, 214, 194) }
```

Border

The CSS property to change the border of an element to XYZ 58.1413, 64.5447, 60.4329 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(202, 214, 194) }
```


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

```
.border{ border-color:rgb(202, 214, 194) }
```

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

Here you see how a box with a 4 pixel `rgb(202, 214, 194)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(202, 214, 194); -webkit-box-  
shadow:4px 4px 4px 4px rgb(202, 214, 194);  
box-shadow:4px 4px 4px 4px rgb(202, 214,  
194) }
```

Background

The CSS property to change the background color of an element to XYZ 58.1413, 64.5447, 60.4329 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(202, 214, 194) }
```

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

```
.background{ background-color: rgb(202,  
214, 194) }
```

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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