

Converting Colors

XYZ(58.5358, 61.2591, 64.4016)

Have a look what the booklet for
XYZ(58.5358, 61.2591, 64.4016)
contains.

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Color

**XYZ(58.5044, 61.3368,
64.6328)**

Conversions

Conversions Part 1

Format	Color
Hex	D0CDCA
RGB	208, 205, 202
RGB Percent	82%, 80%, 79%
CMY	0.1843, 0.1961, 0.2078
CMYK	0.00, 0.01, 0.03, 0.18
HSL	30°, 6%, 80%
HSV	30°, 3%, 82%
XYZ	58.5044, 61.3368, 64.6328
YIQ	205.5550, 2.7510, -0.2970

Conversions

Conversions Part 2

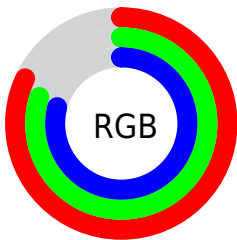
Format	Color
RYB	208, 208, 202
Decimal	13684170
CIELab	82.56, 0.50, 1.85
CIElCh	83, 1.912, 74.875
Yxy	61.3368, 0.3171, 0.3325
Android (android.graphics.Color)	4291874250 (0xFFD0CDCA)
YUV	205.5550, -1.7526, 2.1443
Hunter-Lab	78.3178, -3.7144, 5.8926

Details

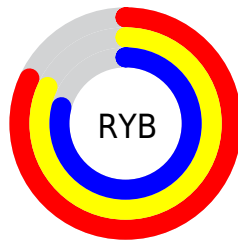
The XYZ color **58.5044, 61.3368, 64.6328** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **57.5736, 60.7724, 68.3711**, and the grayscale version is **58.3929, 61.4339, 66.9015**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **29.7383, 31.1414, 32.4605** is the 20% darker color. If you saturate the color by 10%, you get **53.8035, 55.6137, 51.7232**, and if you desaturate by 10%, it is **63.7057, 67.5280, 79.3484**.

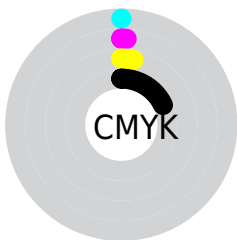
Distribution



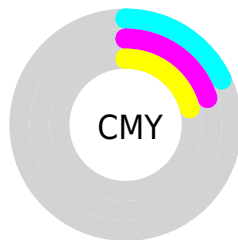
- Red (82%)
- Green (80%)
- Blue (79%)



- Red (82%)
- Yellow (82%)
- Blue (79%)



- Cyan (0%)
- Magenta (1%)
- Yellow (3%)
- Black (18%)



- Cyan (18%)
- Magenta (20%)
- Yellow (21%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 58.5044, 61.3368, 64.6328 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 58.5044, 61.3368, 64.6328 by changing the saturation by 10% instead.

■ 58.5044, 61.3368,
64.6328

■ 58.5044, 61.3368,
64.6328

408.9865,
429.5078, 459.7413

■ 42.4591, 44.4970,
46.7139

101.7758,
106.7664, 113.1300

■ 29.6536, 31.0614,
32.4568

129.7326,
136.1251, 144.5454

■ 19.7226, 20.6456,
21.4430

162.3906,
170.4255, 181.2967

■ 12.3007, 12.8652,
13.2538

200.1152,
210.0521, 223.8025

■ 7.0224, 7.3358,
7.4708

243.2717,
255.3892, 272.4814

■ 3.5226, 3.6730,
3.6753

292.2255,

■ 1.4358, 1.4924,

306.8213, 327.7517

1.4490

347.3420,
364.7327, 390.0322

■ 0.2815, 0.2833,
0.1795

■ 0.0000, 0.0000,
0.0000

■ 58.5044, 61.3368,
64.6328

■ 58.5044, 61.3368,
64.6328

■ 53.8035, 55.6137,
51.7232

■ 63.7057, 67.5280,
79.3484

■ 49.5815, 50.3390,
40.5452

■ 69.4179, 74.1904,
95.9327

■ 45.8228, 45.5033,
31.0249

■ 74.1063, 80.7171,
106.2819

■ 42.5089, 41.0938,
23.0816

■ 77.1873, 86.8792,
107.3089

■ 39.6199, 37.0969,
16.6277

■ 79.8228, 92.1501,
108.1874

■ 37.1341, 33.4982,
11.5670

■ 35.0276, 30.2820,
7.7918

■ 33.2732, 27.4313,
5.1783

■ 31.8389, 24.9266,
3.5777

Harmonies

Analogous

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



58.8583, 61.3368, 65.2075



58.5044, 61.3368, 64.6328



58.0970, 61.3368, 64.6303

Triad

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



58.5044, 61.3368, 64.6328



57.5414, 61.3368, 67.3657



58.8559, 61.3368, 68.3955

Complementary

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



58.5044, 61.3368, 64.6328



57.5736, 60.7724, 68.3711

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.



58.5011, 61.3368, 68.9878



58.5044, 61.3368, 64.6328



57.7428, 61.3368, 68.3885

Square

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



58.5044, 61.3368, 64.6328



57.5423, 61.3368, 66.1989



58.0937, 61.3368, 68.9852



59.0619, 61.3368, 67.3752

Rectangle

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



58.5044, 61.3368, 64.6328



57.8499, 61.3368, 64.9530



58.0937, 61.3368, 68.9852



58.7500, 61.3368, 68.6518

Sweetspot

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



58.5061, 61.3395, 64.6341



94.2372, 99.0270, 106.6171



58.1532, 60.0597, 66.2861



20.1792, 21.2061, 22.8445



0.0000, 0.0000, 0.0000



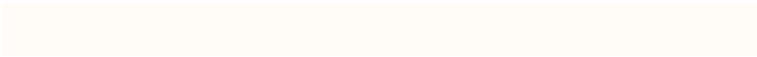
20.3446, 21.4041, 23.3091

Same Dimension

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



58.5061, 61.3395, 64.6341



92.6359, 97.1037, 102.1396



59.2298, 62.7867, 64.8753



12.8879, 13.4970, 14.0761



19.4024, 14.7379, 1.8221



1.1642, 0.9828, 0.1283

Inverse Universe

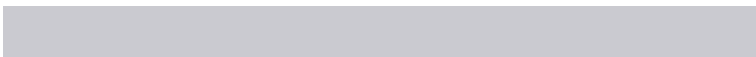
The Inverse Universe completely reimagines the original color for something new.



57.5736, 60.7724, 68.3711



91.0817, 96.1587, 108.3677



56.8637, 59.3526, 68.1344



12.6194, 13.3338, 15.1522



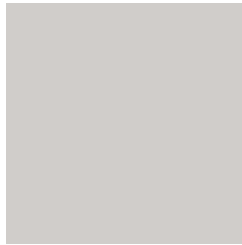
10.2698, 9.1862, 38.4243



0.6536, 0.6723, 2.1749

Previews

White Background



This preview shows how the XYZ color 58.5044, 61.3368, 64.6328 looks on a white background.

Color Contrast Check

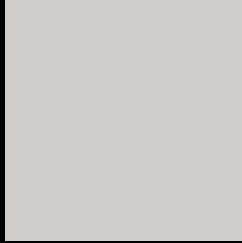
Large Text (above 18pt) WCAG AA × Fail

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 58.5044, 61.3368, 64.6328 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

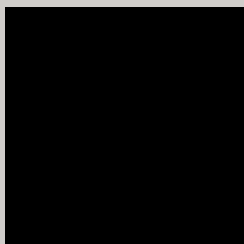
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

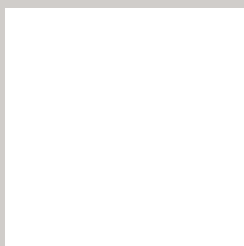
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 58.5044, 61.3368, 64.6328

Background



This preview shows how black text looks on a background with the XYZ color 58.5044, 61.3368, 64.6328.

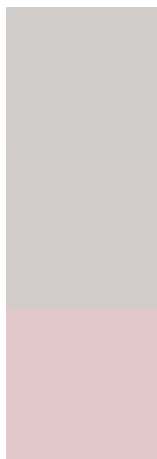


This preview shows how white text looks on a background with the XYZ color 58.5044, 61.3368,

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

58.5044, 61.3368, 64.6328

Protanopia

58.8319, 61.1516, 64.5798

Deuteranopia

62.5669, 61.3274, 65.0397



Tritanopia

60.3538, 61.0047, 74.9238

Trichromacy



Original Color

58.5044, 61.3368, 64.6328

Protanomaly

58.5480, 61.0053, 64.5665

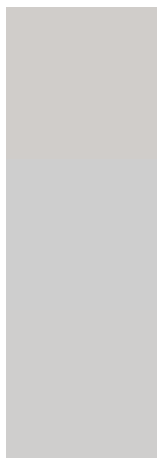
Deuteranomaly

60.8796, 61.1452, 65.0934

Tritanomaly

59.5341, 61.0206, 70.9277

Monochromacy



Original Color

58.5044, 61.3368, 64.6328

Achromatopsia

58.6655, 61.7207, 67.2138

Achromatomaly

58.8229, 61.8158, 66.5889

CSS Examples

Text

The CSS property to change the color of the text to XYZ 58.5044, 61.3368, 64.6328 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, 205, 202) looks like.

```
.text, #text, p{  
    color:rgb(208, 205, 202)  
}
```

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, 205, 202) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(208, 205, 202) }
```

Border

The CSS property to change the border of an element to XYZ 58.5044, 61.3368, 64.6328 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, 205, 202) }
```


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

```
.border{ border-color:rgb(208, 205, 202) }
```

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

Here you see how a box with a 4 pixel `rgb(208, 205, 202)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(208, 205, 202); -webkit-box-  
shadow:4px 4px 4px 4px rgb(208, 205, 202);  
box-shadow:4px 4px 4px 4px rgb(208, 205,  
202) }
```

Background

The CSS property to change the background color of an element to XYZ 58.5044, 61.3368, 64.6328 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(208, 205, 202) }
```

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

```
.background{ background-color: rgb(208,  
205, 202) }
```

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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