

Converting Colors

XYZ(58.6277, 59.0317, 64.5764)

Have a look what the booklet for
XYZ(58.6277, 59.0317, 64.5764)
contains.

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Color

**XYZ(58.7051, 58.9961,
64.7932)**

Conversions

Conversions Part 1

Format	Color
Hex	D6C6CB
RGB	214, 198, 203
RGB Percent	84%, 78%, 80%
CMY	0.1608, 0.2235, 0.2039
CMYK	0.00, 0.07, 0.05, 0.16
HSL	341°, 16%, 81%
HSV	341°, 7%, 84%
XYZ	58.7051, 58.9961, 64.7932
YIQ	203.3540, 7.9310, 4.9470

Conversions

Conversions Part 2

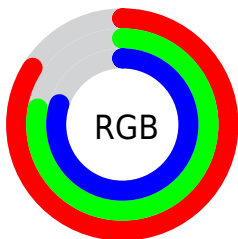
Format	Color
R _Y B	214, 198, 203
Decimal	14075595
CIE Lab	81.29, 6.46, -0.48
CIE LCh	81, 6.477, 355.723
Yxy	58.9961, 0.3217, 0.3233
Android (android.graphics.Color)	4292265675 (0xFFD6C6CB)
YUV	203.3540, -0.1745, 9.3365
Hunter-Lab	76.8089, 2.0120, 3.7514

Details

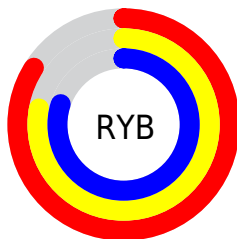
The XYZ color **58.7051, 58.9961, 64.7932** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **58.8461, 64.7038, 69.7123**, and the grayscale version is **56.9862, 59.9539, 65.2898**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **29.6961, 29.4874, 32.5602** is the 20% darker color. If you saturate the color by 10%, you get **52.4840, 49.2279, 54.4742**, and if you desaturate by 10%, it is **65.7871, 70.2182, 76.2220**.

Distribution



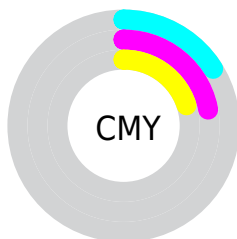
- Red (84%)
- Green (78%)
- Blue (80%)



- Red (84%)
- Yellow (78%)
- Blue (80%)



- Cyan (0%)
- Magenta (7%)
- Yellow (5%)
- Black (16%)



- Cyan (16%)
- Magenta (22%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 58.7051, 58.9961, 64.7932 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 58.7051, 58.9961, 64.7932 by changing the saturation by 10% instead.

■ 58.7051, 58.9961,
64.7932

■ 58.7051, 58.9961,
64.7932

409.7198,
420.8875, 460.3343

■ 42.6212, 42.6100,
46.8431

102.0660,
103.3720, 113.3629

■ 29.7813, 29.5792,
32.5582

130.0738,
132.1306, 144.8197

■ 19.8199, 19.5194,
21.5199

162.7869,
165.7821, 181.6157

■ 12.3717, 12.0462,
13.3096

200.5706,
204.7109, 224.1696

■ 7.0713, 6.7751,
7.5089

243.7905,
249.3015, 272.8998

■ 3.5535, 3.3219,
3.6991

292.8117,

■ 1.4528, 1.3020,

299.9381, 328.2250

1.4618

347.9997,
357.0054, 390.5636

■ 0.2934, 0.1428,
0.1892

■ 0.0000, 0.0000,
0.0000

■ 58.7051, 58.9961,
64.7932

■ 58.7051, 58.9961,
64.7932

■ 52.4840, 49.2279,
54.4742

■ 65.7871, 70.2182,
76.2220

■ 47.0854, 40.8465,
45.2272

■ 73.7567, 82.9426,
88.7890

■ 42.4753, 33.7907,
37.0179

■ 80.3034, 92.5409,
101.7461

■ 38.6154, 27.9920,
29.8085

■ 81.5419, 93.0363,
108.2678

■ 35.4639, 23.3755,
23.5590

■ 32.9750, 19.8583,
18.2262

■ 31.0970, 17.3469,
13.7634

■ 29.7699, 15.7315,
10.1190

■ 28.9137, 14.8629,
7.2321

Harmonies

Analogous

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



58.2485, 58.9961, 68.5192



58.7051, 58.9961, 64.7932



58.4475, 58.9961, 61.0609

Triad

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



58.7051, 58.9961, 64.7932



54.9539, 58.9961, 57.7636



54.6234, 58.9961, 70.5838

Complementary

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



58.7051, 58.9961, 64.7932



58.8461, 64.7038, 69.7123

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.



53.7657, 58.9961, 67.5208



58.7051, 58.9961, 64.7932



53.9543, 58.9961, 60.1365

Square

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



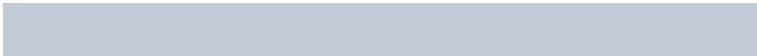
58.7051, 58.9961, 64.7932



56.2680, 58.9961, 57.0984



53.5228, 58.9961, 63.6834



55.8805, 58.9961, 71.9464

Rectangle

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



58.7051, 58.9961, 64.7932



57.9075, 58.9961, 59.0550



53.5228, 58.9961, 63.6834



54.2797, 58.9961, 69.7130

Sweetspot

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



58.7068, 58.9987, 64.7945



92.8850, 96.5652, 105.4181



58.6093, 58.7915, 71.8779



19.9039, 20.7049, 22.6004



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.



58.7068, 58.9987, 64.7945



85.7230, 85.2463, 93.7666



58.7976, 60.1180, 61.9342



12.5814, 12.4841, 13.7361



17.4129, 8.9015, 4.2126



1.0872, 0.5517, 0.4485

Inverse Universe

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



58.7068, 58.9987, 64.7945



85.7230, 85.2463, 93.7666



58.7391, 63.4841, 72.7768



12.5814, 12.4841, 13.7361



17.4129, 8.9015, 4.2126



1.0872, 0.5517, 0.4485

Previews

White Background



This preview shows how the XYZ color 58.7051, 58.9961, 64.7932 looks on a white background.

Color Contrast Check

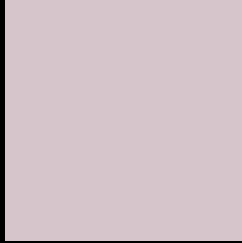
Large Text (above 18pt) WCAG AA × Fail

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 58.7051, 58.9961, 64.7932 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

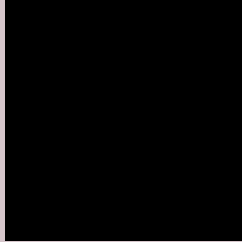
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

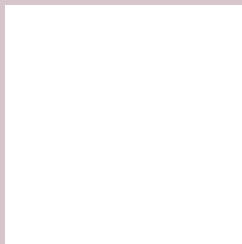
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 58.7051, 58.9961, 64.7932

Background



This preview shows how black text looks on a background with the XYZ color 58.7051, 58.9961, 64.7932.



This preview shows how white text looks on a background with the XYZ color 58.7051, 58.9961,

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

58.7051, 58.9961, 64.7932

Protanopia

57.0829, 59.1602, 66.1681

Deuteranopia

60.3382, 59.1638, 64.7395



Tritanopia

59.8742, 59.1330, 70.5455

Trichromacy



Original Color

58.7051, 58.9961, 64.7932

Protanomaly

57.5658, 59.0781, 65.4959

Deuteranomaly

59.6592, 59.1497, 64.7726

Tritanomaly

59.4992, 58.9830, 68.5705

Monochromacy



Original Color

58.7051, 58.9961, 64.7932

Achromatopsia

56.7640, 59.7202, 65.0353

Achromatomaly

57.3983, 59.3505, 64.9305

CSS Examples

Text

The CSS property to change the color of the text to XYZ 58.7051, 58.9961, 64.7932 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(214, 198, 203) looks like.

```
.text, #text, p{  
    color:rgb(214, 198, 203)  
}
```

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(214, 198, 203) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(214, 198, 203) }
```

Border

The CSS property to change the border of an element to XYZ 58.7051, 58.9961, 64.7932 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(214, 198, 203) }
```


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

```
.border{ border-color:rgb(214, 198, 203) }
```

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

Here you see how a box with a 4 pixel `rgb(214, 198, 203)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(214, 198, 203); -webkit-box-  
shadow:4px 4px 4px 4px rgb(214, 198, 203);  
box-shadow:4px 4px 4px 4px rgb(214, 198,  
203) }
```

Background

The CSS property to change the background color of an element to XYZ 58.7051, 58.9961, 64.7932 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(214, 198, 203) }
```

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

```
.background{ background-color: rgb(214,  
198, 203) }
```

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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