

Converting Colors

XYZ(58.9107, 59.7718, 64.8498)

Have a look what the booklet for
XYZ(58.9107, 59.7718, 64.8498)
contains.

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Color

**XYZ(58.8743, 59.7665,
64.9330)**

Conversions

Conversions Part 1

Format	Color
Hex	D5C8CB
RGB	213, 200, 203
RGB Percent	84%, 78%, 80%
CMY	0.1647, 0.2157, 0.2039
CMYK	0.00, 0.06, 0.05, 0.16
HSL	346°, 13%, 81%
HSV	346°, 6%, 84%
XYZ	58.8743, 59.7665, 64.9330
YIQ	204.2290, 6.7850, 3.6890

Conversions

Conversions Part 2

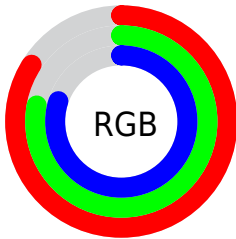
Format	Color
R _Y B	213, 200, 203
Decimal	14010571
CIE Lab	81.71, 5.05, 0.12
CIE LCh	82, 5.052, 1.396
Yxy	59.7665, 0.3207, 0.3256
Android (android.graphics.Color)	4292200651 (0xFFD5C8CB)
YUV	204.2290, -0.6059, 7.6922
Hunter-Lab	77.3088, 0.6458, 4.3175

Details

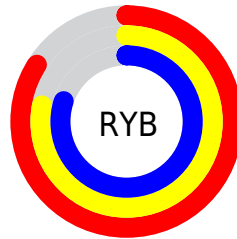
The XYZ color **58.8743, 59.7665, 64.9330** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **59.2487, 64.5224, 70.3072**, and the grayscale version is **57.5414, 60.5381, 65.9259**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **29.8043, 29.9968, 32.6529** is the 20% darker color. If you saturate the color by 10%, you get **52.4301, 49.8397, 53.6529**, and if you desaturate by 10%, it is **66.2157, 71.1556, 77.5323**.

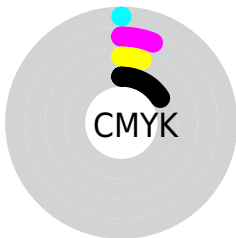
Distribution



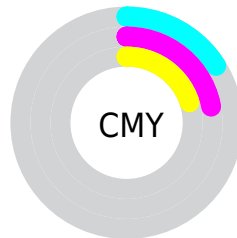
- Red (84%)
- Green (78%)
- Blue (80%)



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



- Cyan (0%)
- Magenta (6%)
- Yellow (5%)
- Black (16%)



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

Brightness & Saturation Gradients

These gradients show how the XYZ color 58.8743, 59.7665, 64.9330 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 58.8743, 59.7665, 64.9330 by changing the saturation by 10% instead.

■ 58.8743, 59.7665,
64.9330

■ 58.8743, 59.7665,
64.9330

410.3375,
423.7366, 460.8508

■ 42.7579, 43.2305,
46.9558

102.3106,
104.4909, 113.5659

■ 29.8889, 30.0660,
32.6466

130.3613,
133.4480, 145.0586

■ 19.9019, 19.8887,
21.5869

163.1207,
167.3143, 181.8935

■ 12.4316, 12.3141,
13.3583

200.9543,
206.4741, 224.4893

■ 7.1126, 6.9580,
7.5421

244.2275,
251.3118, 273.2643

■ 3.5796, 3.4358,
3.7198

293.3055,

■ 1.4672, 1.3633,

302.2119, 328.6372

1.4729

348.5537,
359.5587, 391.0265

■ 0.3033, 0.1894,
0.1977

■ 0.0000, 0.0000,
0.0000

■ 58.8743, 59.7665,
64.9330

■ 58.8743, 59.7665,
64.9330

■ 52.4301, 49.8397,
53.6529

■ 66.2157, 71.1556,
77.5323

■ 46.8433, 41.3082,
43.6452

■ 74.4818, 84.0549,
91.4880

■ 42.0787, 34.1117,
34.8657

■ 80.7984, 92.7053,
105.8715

■ 38.0966, 28.1822,
27.2661

■ 81.2508, 92.8863,
108.2542

■ 34.8542, 23.4457,
20.7953

■ 32.3041, 19.8206,
15.3978

■ 30.3934, 17.2148,
11.0135

■ 29.0612, 15.5213,
7.5758

■ 28.2326, 14.6072,
5.0088

Harmonies

Analogous

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



58.6198, 59.7665, 67.9186



58.8743, 59.7665, 64.9330



58.5689, 59.7665, 62.0733

Triad

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



58.8743, 59.7665, 64.9330



55.7480, 59.7665, 60.2055



55.8333, 59.7665, 70.3516

Complementary

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



58.8743, 59.7665, 64.9330



59.2487, 64.5224, 70.3072

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.



55.0793, 59.7665, 68.1731



58.8743, 59.7665, 64.9330



55.0305, 59.7665, 62.3130

Square

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



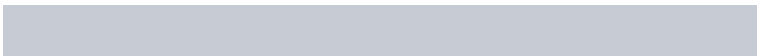
58.8743, 59.7665, 64.9330



56.7565, 59.7665, 59.3970



54.7872, 59.7665, 65.2183



56.8561, 59.7665, 71.1050

Rectangle

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



58.8743, 59.7665, 64.9330



58.0912, 59.7665, 60.6071



54.7872, 59.7665, 65.2183



55.5405, 59.7665, 69.7584

Sweetspot

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



58.8760, 59.7691, 64.9343



92.8191, 96.5389, 105.0712



59.2352, 59.8121, 71.3743



19.8905, 20.6995, 22.5298



0.0000, 0.0000, 0.0000



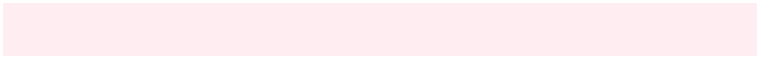
20.3446, 21.4041, 23.3091

Same Dimension

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



58.8760, 59.7691, 64.9343



87.4845, 88.2820, 95.8563



59.3341, 61.2512, 63.3422



12.8180, 12.8972, 13.9996



17.1346, 8.7902, 2.7471



1.0658, 0.5431, 0.3357

Inverse Universe

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



58.8760, 59.7691, 64.9343



87.4845, 88.2820, 95.8563



58.7632, 62.9483, 72.0045



12.8180, 12.8972, 13.9996



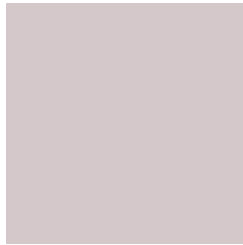
17.1346, 8.7902, 2.7471



1.0658, 0.5431, 0.3357

Previews

White Background



This preview shows how the XYZ color 58.8743, 59.7665, 64.9330 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 58.8743, 59.7665, 64.9330 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

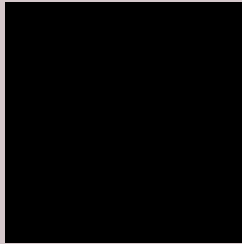
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 58.8743, 59.7665, 64.9330

Background



This preview shows how black text looks on a background with the XYZ color 58.8743, 59.7665, 64.9330.



This preview shows how white text looks on a background with the XYZ color 58.8743, 59.7665,

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

58.8743, 59.7665, 64.9330

Protanopia

57.4732, 59.7225, 65.6252

Deuteranopia

60.9895, 59.8217, 65.4590



Tritanopia

60.3560, 59.6903, 71.9586

Trichromacy



Original Color

58.8743, 59.7665, 64.9330

Protanomaly

58.0802, 59.6882, 65.5866

Deuteranomaly

60.3066, 59.8079, 65.4923

Tritanomaly

59.7878, 59.7961, 69.3634

Monochromacy



Original Color

58.8743, 59.7665, 64.9330

Achromatopsia

57.3938, 60.3827, 65.7568

Achromatomaly

57.9871, 60.3369, 65.7167

CSS Examples

Text

The CSS property to change the color of the text to XYZ 58.8743, 59.7665, 64.9330 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(213, 200, 203) looks like.

```
.text, #text, p{  
    color:rgb(213, 200, 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(213, 200, 203) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(213, 200, 203) }
```

Border

The CSS property to change the border of an element to XYZ 58.8743, 59.7665, 64.9330 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(213, 200, 203) }
```


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

```
.border{ border-color:rgb(213, 200, 203) }
```

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

Here you see how a box with a 4 pixel rgb(213, 200, 203) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(213, 200, 203); -webkit-box-  
shadow:4px 4px 4px 4px rgb(213, 200, 203);  
box-shadow:4px 4px 4px 4px rgb(213, 200,  
203) }
```

Background

The CSS property to change the background color of an element to XYZ 58.8743, 59.7665, 64.9330 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(213, 200, 203) }
```

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

```
.background{ background-color: rgb(213,  
200, 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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