

Converting Colors

XYZ(58.6921, 58.9322, 62.3672)

Have a look what the booklet for
XYZ(58.6921, 58.9322, 62.3672)
contains.

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Color

**XYZ(58.8218, 59.1106,
62.3421)**

Conversions

Conversions Part 1

Format	Color
Hex	D8C6C7
RGB	216, 198, 199
RGB Percent	85%, 78%, 78%
CMY	0.1529, 0.2235, 0.2196
CMYK	0.00, 0.08, 0.08, 0.15
HSL	357°, 19%, 81%
HSV	357°, 8%, 85%
XYZ	58.8218, 59.1106, 62.3421
YIQ	203.4960, 10.4070, 4.1270

Conversions

Conversions Part 2

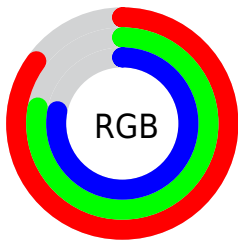
Format	Color
R _Y B	216, 198, 199
Decimal	14206663
CIE Lab	81.35, 6.47, 1.77
CIE LCh	81, 6.709, 15.334
Yxy	59.1106, 0.3263, 0.3279
Android (android.graphics.Color)	4292396743 (0xFFD8C6C7)
YUV	203.4960, -2.2165, 10.9660
Hunter-Lab	76.8834, 2.0204, 5.7422

Details

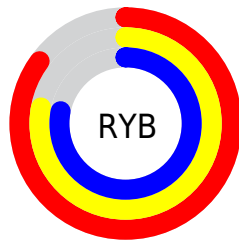
The XYZ color **58.8218, 59.1106, 62.3421** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **60.1126, 66.0253, 73.8691**, and the grayscale version is **57.0869, 60.0599, 65.4052**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **29.7820, 29.5679, 30.9256** is the 20% darker color. If you saturate the color by 10%, you get **52.0201, 49.0472, 49.1599**, and if you desaturate by 10%, it is **66.6486, 70.7144, 77.4347**.

Distribution



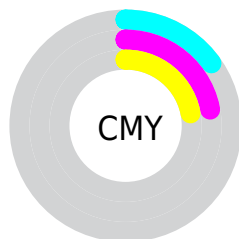
- Red (85%)
- Green (78%)
- Blue (78%)



- Red (85%)
- Yellow (78%)
- Blue (78%)



- Cyan (0%)
- Magenta (8%)
- Yellow (8%)
- Black (15%)



- Cyan (15%)
- Magenta (22%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 58.8218, 59.1106, 62.3421 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 58.8218, 59.1106, 62.3421 by changing the saturation by 10% instead.

■ 58.8218, 59.1106,
62.3421

■ 58.8218, 59.1106,
62.3421

410.1459,
421.3117, 451.2199

■ 42.7155, 42.7022,
44.8716

102.2347,
103.5384, 109.7962

■ 29.8555, 29.6515,
31.0141

130.2721,
132.3265, 140.6169

■ 19.8765, 19.5742,
20.3510

163.0172,
166.0100, 176.7247

■ 12.4130, 12.0859,
12.4639

200.8353,
204.9733, 218.5382

■ 7.0998, 6.8022,
6.9341

244.0919,
249.6007, 266.4760

■ 3.5715, 3.3387,
3.3431

293.1523,

■ 1.4627, 1.3110,

300.2766, 320.9565

1.2724

348.3818,
357.3855, 382.3983

■ 0.3002, 0.1497,
0.0390

■ 0.0000, 0.0000,
0.0000

■ 58.8218, 59.1106,
62.3421

■ 58.8218, 59.1106,
62.3421

■ 52.0201, 49.0472,
49.1599

■ 66.6486, 70.7144,
77.4347

■ 46.1963, 40.4522,
37.8081

■ 75.5353, 83.9113,
94.5055

■ 41.3070, 33.2592,
28.2072

■ 82.1292, 93.3391,
108.2953

■ 37.3034, 27.3938,
20.2698

■ 34.1325, 22.7749,
13.9014

■ 31.7355, 19.3123,
8.9979

■ 30.0460, 16.9037,
5.4426

■ 28.9861, 15.4291,
3.1009

■ 28.4472, 14.7129,
1.8062

Harmonies

Analogous

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



58.8302, 59.1106, 66.3351



58.8218, 59.1106, 62.3421



58.0984, 59.1106, 59.0274

Triad

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



58.8218, 59.1106, 62.3421



54.2881, 59.1106, 59.0875



55.5034, 59.1106, 72.1195

Complementary

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



58.8218, 59.1106, 62.3421



60.1126, 66.0253, 73.8691

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.



54.3098, 59.1106, 70.0075



58.8218, 59.1106, 62.3421



53.6162, 59.1106, 62.4273

Square

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



58.8218, 59.1106, 62.3421



55.4733, 59.1106, 57.2022



53.6240, 59.1106, 66.4238



56.8985, 59.1106, 72.0944

Rectangle

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



58.8218, 59.1106, 62.3421



57.3149, 59.1106, 57.6000



53.6240, 59.1106, 66.4238



55.0658, 59.1106, 71.6322

Sweetspot

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



58.8235, 59.1132, 62.3434



92.6785, 96.4827, 104.3308



60.5561, 59.7655, 73.3107



19.8618, 20.6881, 22.3790



0.0000, 0.0000, 0.0000



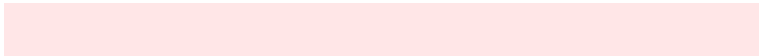
20.3446, 21.4041, 23.3091

Same Dimension

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



58.8235, 59.1132, 62.3434



83.8092, 83.3403, 87.2051



60.5369, 62.7246, 62.3456



12.4509, 12.4318, 13.0484



16.8138, 8.6618, 1.0573



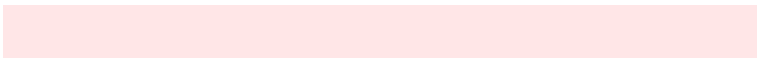
1.0241, 0.5264, 0.1166

Inverse Universe

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



58.8235, 59.1132, 62.3434



83.8092, 83.3403, 87.2051



58.2902, 62.1751, 73.8953



12.4509, 12.4318, 13.0484



16.8138, 8.6618, 1.0573



1.0241, 0.5264, 0.1166

Previews

White Background



This preview shows how the XYZ color 58.8218, 59.1106, 62.3421 looks on a white background.

Color Contrast Check

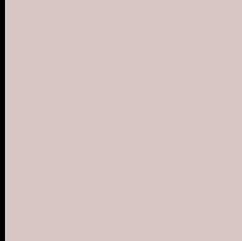
Large Text (above 18pt) WCAG AA × Fail

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 58.8218, 59.1106, 62.3421 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

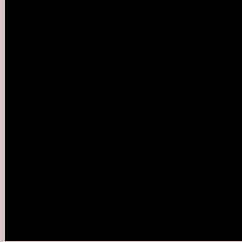
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 58.8218, 59.1106, 62.3421

Background



This preview shows how black text looks on a background with the XYZ color 58.8218, 59.1106, 62.3421.



This preview shows how white text looks on a background with the XYZ color 58.8218, 59.1106,

62.3421.

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

58.8218, 59.1106, 62.3421

Protanopia

56.8829, 59.1121, 63.6701

Deuteranopia

60.4802, 59.2914, 62.2896



Tritanopia

60.4112, 59.0884, 69.8492

Trichromacy



Original Color

58.8218, 59.1106, 62.3421

Protanomaly

57.6579, 59.1803, 63.0276

Deuteranomaly

59.7903, 59.2717, 62.3221

Tritanomaly

59.8440, 59.1892, 67.3020

Monochromacy



Original Color

58.8218, 59.1106, 62.3421

Achromatopsia

56.7640, 59.7202, 65.0353

Achromatomaly

57.5597, 59.4475, 64.3179

CSS Examples

Text

The CSS property to change the color of the text to XYZ 58.8218, 59.1106, 62.3421 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(216, 198, 199) looks like.

```
.text, #text, p{  
    color:rgb(216, 198, 199)  
}
```

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(216, 198, 199) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(216, 198, 199) }
```

Border

The CSS property to change the border of an element to XYZ 58.8218, 59.1106, 62.3421 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(216, 198, 199) }
```


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

```
.border{ border-color:rgb(216, 198, 199) }
```

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

Here you see how a box with a 4 pixel `rgb(216, 198, 199)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(216, 198, 199); -webkit-box-  
shadow:4px 4px 4px 4px rgb(216, 198, 199);  
box-shadow:4px 4px 4px 4px rgb(216, 198,  
199) }
```

Background

The CSS property to change the background color of an element to XYZ 58.8218, 59.1106, 62.3421 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(216, 198, 199) }
```

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

```
.background{ background-color: rgb(216,  
198, 199) }
```

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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