

Converting Colors

XYZ(58.0352, 59.6440, 63.9582)

Have a look what the booklet for
XYZ(58.0352, 59.6440, 63.9582)
contains.

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Color

**XYZ(58.0076, 59.6920,
63.7227)**

Conversions

Conversions Part 1

| Format | Color |
|---------------|---------------------------|
| Hex | D2C9C9 |
| RGB | 210, 201, 201 |
| RGB Percent | 82%, 79%, 79% |
| CMY | 0.1765, 0.2117, 0.2118 |
| CMYK | 0.00, 0.04, 0.04, 0.18 |
| HSL | 0°, 9%, 81% |
| HSV | 0°, 4%, 82% |
| XYZ | 58.0076, 59.6920, 63.7227 |
| YIQ | 203.6910, 5.3640, 1.9080 |

Conversions

Conversions Part 2

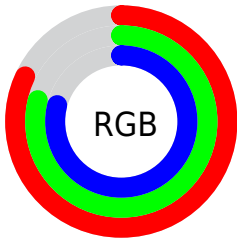
| Format | Color |
|-------------------------------------|------------------------------|
| R _Y B | 210, 201, 201 |
| Decimal | 13814217 |
| CIE Lab | 81.67, 3.12, 1.11 |
| CIE LCh | 82, 3.313, 19.493 |
| Yxy | 59.6920, 0.3197, 0.3290 |
| Android (android.graphics.Color) | 4292004297 (0xFFD2C9C9) |
| YUV | 203.6910, -1.3267, 5.5330 |
| Hunter-Lab | 77.2606, -1.1875, 5.1814 |

Details

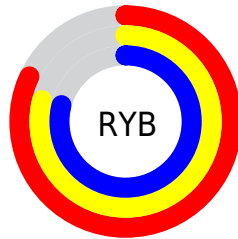
The XYZ color **58.0076, 59.6920, 63.7227** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **58.7667, 63.1628, 70.0678**, and the grayscale version is **57.2067, 60.1859, 65.5424**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **29.4105, 30.0419, 31.8523** is the 20% darker color. If you saturate the color by 10%, you get **51.1410, 49.6452, 50.0678**, and if you desaturate by 10%, it is **65.8840, 71.2165, 79.3820**.

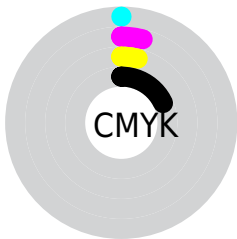
Distribution



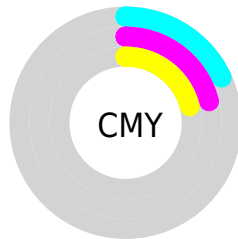
- Red (82%)
- Green (79%)
- Blue (79%)



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



- Cyan (0%)
- Magenta (4%)
- Yellow (4%)
- Black (18%)



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

Brightness & Saturation Gradients

These gradients show how the XYZ color 58.0076, 59.6920, 63.7227 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 58.0076, 59.6920, 63.7227 by changing the saturation by 10% instead.

■ 58.0076, 59.6920,
63.7227

■ 58.0076, 59.6920,
63.7227

407.1677,
423.4616, 456.3675

■ 42.0580, 43.1704,
45.9814

101.0568,
104.3827, 111.8071

■ 29.3381, 30.0189,
31.8826

128.8872,
133.3207, 142.9873

■ 19.4823, 19.8529,
21.0077

161.4086,
167.1663, 179.4841

■ 12.1253, 12.2882,
12.9384

198.9863,
206.3038, 221.7162

■ 6.9019, 6.9402,
7.2559

241.9857,
251.1177, 270.1020

■ 3.4466, 3.4248,
3.5418

290.7722,

■ 1.3941, 1.3573,

301.9923, 325.0601

1.3775

345.7110,
359.3122, 387.0091

■ 0.2520, 0.1849,
0.1241

■ 0.0000, 0.0000,
0.0000

■ 58.0076, 59.6920,
63.7227

■ 58.0076, 59.6920,
63.7227

■ 51.1410, 49.6452,
50.0678

■ 65.8840, 71.2165,
79.3820

■ 45.2387, 41.0090,
38.3326

■ 74.8036, 84.2669,
97.1179

■ 40.2591, 33.7226,
28.4324

■ 80.3887, 92.4418,
108.2139

■ 36.1555, 27.7180,
20.2744

■ 32.8773, 22.9209,
13.7579

■ 30.3686, 19.2497,
8.7717

■ 28.5667, 16.6126,
5.1910

■ 27.3991, 14.9034,
2.8714

■ 26.7775, 13.9933,
1.6375

Harmonies

Analogous

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



58.0627, 59.6920, 65.6965



58.0076, 59.6920, 63.7227



57.6100, 59.6920, 62.1210

Triad

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



58.0076, 59.6920, 63.7227



55.7231, 59.6920, 62.5343



56.4915, 59.6920, 68.8399

Complementary

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



58.0076, 59.6920, 63.7227



58.7667, 63.1628, 70.0678

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.



55.8698, 59.6920, 67.9551



58.0076, 59.6920, 63.7227



55.4286, 59.6920, 64.2974

Square

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



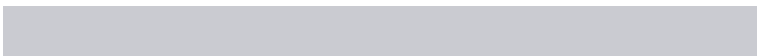
58.0076, 59.6920, 63.7227



56.2896, 59.6920, 61.4447



55.4820, 59.6920, 66.2830



57.1836, 59.6920, 68.6784

Rectangle

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



58.0076, 59.6920, 63.7227



57.2060, 59.6920, 61.4671



55.4820, 59.6920, 66.2830



56.2675, 59.6920, 68.6543

Sweetspot

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



58.0093, 59.6946, 63.7240



93.8343, 98.2213, 106.4828



59.0986, 60.1289, 69.4647



20.0972, 21.0421, 22.8172



0.0000, 0.0000, 0.0000



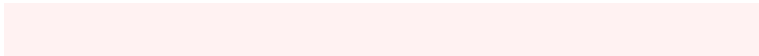
20.3446, 21.4041, 23.3091

Same Dimension

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



58.0093, 59.6946, 63.7240



89.1328, 91.3422, 97.1344



59.0729, 61.8218, 64.0785



12.3846, 12.6509, 13.4131



16.2132, 8.3593, 0.7590



0.9067, 0.4677, 0.0425

Inverse Universe

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



58.7667, 63.1628, 70.0678



90.5121, 97.6581, 108.6871



57.6722, 60.9738, 69.7030



12.5993, 13.6340, 15.2112



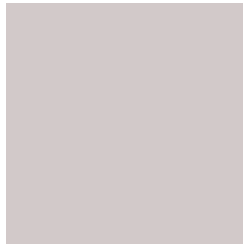
21.1410, 30.9287, 42.0481



1.1822, 1.7296, 2.3511

Previews

White Background



This preview shows how the XYZ color 58.0076, 59.6920, 63.7227 looks on a white background.

Color Contrast Check

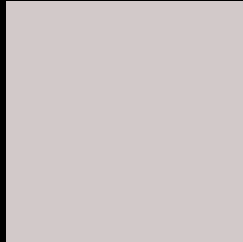
Large Text (above 18pt) WCAG AA × Fail

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 58.0076, 59.6920, 63.7227 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

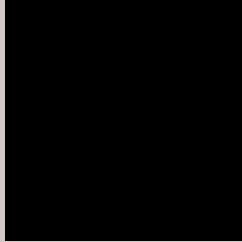
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

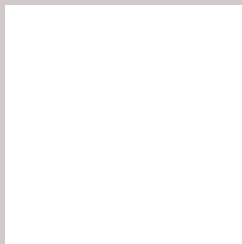
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 58.0076, 59.6920, 63.7227

Background



This preview shows how black text looks on a background with the XYZ color 58.0076, 59.6920, 63.7227.

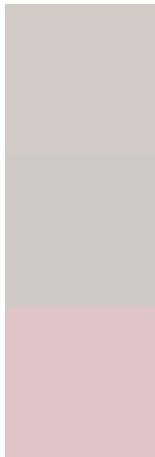


This preview shows how white text looks on a background with the XYZ color 58.0076, 59.6920,

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

58.0076, 59.6920, 63.7227

Protanopia

57.5133, 59.7707, 64.3827

Deuteranopia

60.8320, 59.4321, 64.1425



Tritanopia

59.8405, 59.7502, 72.6690

Trichromacy



Original Color

58.0076, 59.6920, 63.7227

Protanomaly

57.7936, 59.9152, 64.3959

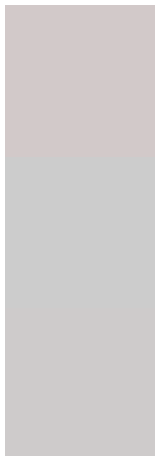
Deuteranomaly

59.7682, 59.5579, 64.2228

Tritanomaly

59.1511, 59.8106, 69.3998

Monochromacy



Original Color

58.0076, 59.6920, 63.7227

Achromatopsia

57.3938, 60.3827, 65.7568

Achromatomaly

57.5890, 60.1455, 65.0739

CSS Examples

Text

The CSS property to change the color of the text to XYZ 58.0076, 59.6920, 63.7227 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(210, 201, 201) looks like.

```
.text, #text, p{  
    color:rgb(210, 201, 201)  
}
```

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(210, 201, 201) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(210, 201, 201) }
```

Border

The CSS property to change the border of an element to XYZ 58.0076, 59.6920, 63.7227 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(210, 201, 201) }
```


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

```
.border{ border-color:rgb(210, 201, 201) }
```

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

Here you see how a box with a 4 pixel `rgb(210, 201, 201)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(210, 201, 201); -webkit-box-  
shadow:4px 4px 4px 4px rgb(210, 201, 201);  
box-shadow:4px 4px 4px 4px rgb(210, 201,  
201) }
```

Background

The CSS property to change the background color of an element to XYZ 58.0076, 59.6920, 63.7227 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(210, 201, 201) }
```

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

```
.background{ background-color: rgb(210,  
201, 201) }
```

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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