

Converting Colors

XYZ(58.0266, 59.3120, 67.9700)

Have a look what the booklet for
XYZ(58.0266, 59.3120, 67.9700)
contains.

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Color

**XYZ(58.0519, 59.2725,
68.0556)**

Conversions

Conversions Part 1

Format	Color
Hex	D0C8D0
RGB	208, 200, 208
RGB Percent	82%, 78%, 82%
CMY	0.1843, 0.2157, 0.1843
CMYK	0.00, 0.04, 0.00, 0.18
HSL	300°, 8%, 80%
HSV	300°, 4%, 82%
XYZ	58.0519, 59.2725, 68.0556
YIQ	203.3040, 2.2000, 4.1840

Conversions

Conversions Part 2

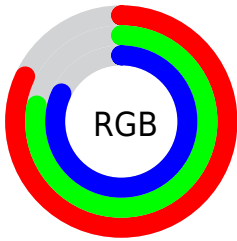
Format	Color
R _Y B	208, 200, 208
Decimal	13682896
CIE Lab	81.44, 4.22, -3.00
CIE LCh	81, 5.177, 324.601
Yxy	59.2725, 0.3132, 0.3197
Android (android.graphics.Color)	4291872976 (0xFFD0C8D0)
YUV	203.3040, 2.3151, 4.1184
Hunter-Lab	76.9886, -0.1354, 1.4815

Details

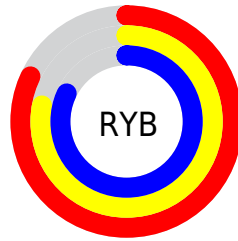
The XYZ color **58.0519, 59.2725, 68.0556** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **56.8029, 61.5629, 63.5356**, and the grayscale version is **56.9421, 59.9076, 65.2393**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **29.4380, 29.7609, 34.7647** is the 20% darker color. If you saturate the color by 10%, you get **53.5593, 50.2865, 66.5585**, and if you desaturate by 10%, it is **63.2032, 69.5743, 69.7737**.

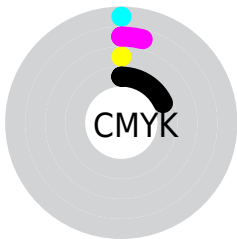
Distribution



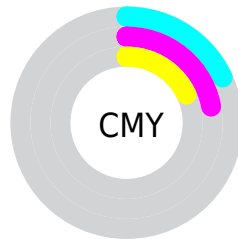
- Red (82%)
- Green (78%)
- Blue (82%)



- Red (82%)
- Yellow (78%)
- Blue (82%)



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



- Cyan (18%)
- Magenta (22%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 58.0519, 59.2725, 68.0556 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 58.0519, 59.2725, 68.0556 by changing the saturation by 10% instead.

■ 58.0519, 59.2725,
68.0556

■ 58.0519, 59.2725,
68.0556

407.3300,
421.9110, 472.2964

■ 42.0938, 42.8325,
49.4760

101.1210,
103.7736, 118.0866

■ 29.3662, 29.7537,
34.6290

128.9626,
132.6035, 150.3752

■ 19.5037, 19.6517,
23.0959

161.4962,
166.3322, 188.0704

■ 12.1409, 12.1421,
14.4584

199.0870,
205.3441, 231.5909

■ 6.9126, 6.8406,
8.2978

242.1005,
250.0235, 281.3552

■ 3.4534, 3.3626,
4.1956

290.9019,

■ 1.3978, 1.3238,

300.7548, 337.7819

1.7332

345.8566,
357.9226, 401.2894

■ 0.2547, 0.1595,
0.3834

■ 0.0000, 0.0000,
0.0000

■ 58.0519, 59.2725,
68.0556

■ 58.0519, 59.2725,
68.0556

■ 53.5593, 50.2865,
66.5585

■ 63.2032, 69.5743,
69.7737

■ 49.6941, 42.5562,
65.2699

■ 69.0330, 81.2338,
71.7172

■ 46.4299, 36.0278,
64.1816

■ 73.1584, 89.4843,
73.0926

■ 43.7365, 30.6412,
63.2835

■ 73.1584, 89.4843,
73.0928

41.5812, 26.3306,
62.5648

73.1585, 89.4844,
73.0931

39.9278, 23.0240,
62.0135

73.1585, 89.4844,
73.0934

38.7359, 20.6402,
61.6159

73.1586, 89.4844,
73.0936

37.9586, 19.0856,
61.3565

73.1586, 89.4844,
73.0939

37.5392, 18.2469,
61.2165

73.1587, 89.4844,
73.0942

Harmonies

Analogous

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



57.2084, 59.2725, 70.1155



58.0519, 59.2725, 68.0556



58.4362, 59.2725, 65.1006

Triad

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



58.0519, 59.2725, 68.0556



56.5330, 59.2725, 58.7785



54.4638, 59.2725, 67.0533

Complementary

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



58.0519, 59.2725, 68.0556



56.8029, 61.5629, 63.5356

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.



54.2882, 59.2725, 63.9780



58.0519, 59.2725, 68.0556



55.4740, 59.2725, 59.2638

Square

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



58.0519, 59.2725, 68.0556



57.5521, 59.2725, 59.7957



54.6557, 59.2725, 61.1431



55.1386, 59.2725, 69.5239

Rectangle

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



58.0519, 59.2725, 68.0556



58.3767, 59.2725, 63.0454



54.6557, 59.2725, 61.1431



54.3448, 59.2725, 66.0533

Sweetspot

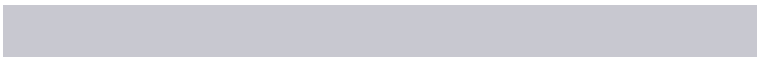
The Sweet Spot groups the original color and five complimentary colors.



58.0536, 59.2751, 68.0569



94.2419, 98.3838, 108.6306



55.8615, 58.1450, 67.9544



20.1802, 21.0752, 23.2543



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.



58.0536, 59.2751, 68.0569



91.1166, 92.1332, 107.5887



57.5677, 59.0807, 65.4983



12.6933, 12.7741, 15.0403



23.3080, 11.1960, 38.1234



1.3032, 0.6260, 2.1316

Inverse Universe

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



58.0536, 59.2751, 68.0569



91.1166, 92.1332, 107.5887



57.2764, 61.7523, 66.0294



12.6933, 12.7741, 15.0403



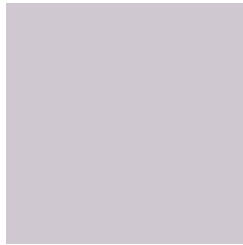
23.3080, 11.1960, 38.1234



1.3032, 0.6260, 2.1316

Previews

White Background



This preview shows how the XYZ color 58.0519, 59.2725, 68.0556 looks on a white background.

Color Contrast Check

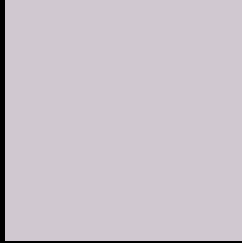
Large Text (above 18pt) WCAG AA × Fail

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 58.0519, 59.2725, 68.0556 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

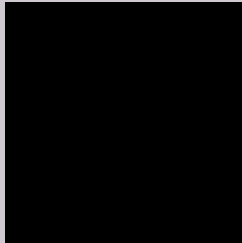
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 58.0519, 59.2725, 68.0556

Background



This preview shows how black text looks on a background with the XYZ color 58.0519, 59.2725, 68.0556.

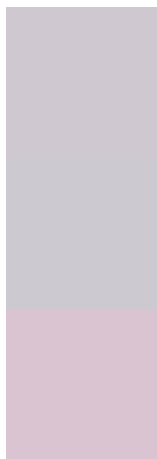


This preview shows how white text looks on a background with the XYZ color 58.0519, 59.2725,

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

58.0519, 59.2725, 68.0556

Protanopia

57.2971, 59.2141, 68.7312

Deuteranopia

60.4620, 59.1434, 68.5507



Tritanopia

58.9837, 59.3085, 72.6289

Trichromacy



Original Color

58.0519, 59.2725, 68.0556

Protanomaly

57.5721, 59.3559, 68.7441

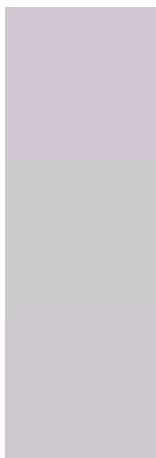
Deuteranomaly

59.4992, 58.9830, 68.5705

Tritanomaly

58.6016, 59.1556, 70.6169

Monochromacy



Original Color

58.0519, 59.2725, 68.0556

Achromatopsia

56.7640, 59.7202, 65.0353

Achromatomaly

57.3168, 59.6280, 66.2460

CSS Examples

Text

The CSS property to change the color of the text to XYZ 58.0519, 59.2725, 68.0556 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, 200, 208)` looks like.

```
.text, #text, p{  
    color:rgb(208, 200, 208)  
}
```

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, 200, 208) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(208, 200, 208) }
```

Border

The CSS property to change the border of an element to XYZ 58.0519, 59.2725, 68.0556 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, 200, 208) }
```


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

```
.border{ border-color:rgb(208, 200, 208) }
```

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

Here you see how a box with a 4 pixel `rgb(208, 200, 208)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(208, 200, 208); -webkit-box-  
shadow:4px 4px 4px 4px rgb(208, 200, 208);  
box-shadow:4px 4px 4px 4px rgb(208, 200,  
208) }
```

Background

The CSS property to change the background color of an element to XYZ 58.0519, 59.2725, 68.0556 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(208, 200, 208) }
```

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

```
.background{ background-color: rgb(208,  
200, 208) }
```

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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