

Converting Colors

XYZ(59.0868, 61.1106, 68.1267)

Have a look what the booklet for
XYZ(59.0868, 61.1106, 68.1267)
contains.

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Color

**XYZ(59.2725, 61.2951,
68.3816)**

Conversions

Conversions Part 1

Format	Color
Hex	D1CCD0
RGB	209, 204, 208
RGB Percent	82%, 80%, 82%
CMY	0.1804, 0.2000, 0.1843
CMYK	0.00, 0.02, 0.00, 0.18
HSL	312°, 5%, 81%
HSV	312°, 2%, 82%
XYZ	59.2725, 61.2951, 68.3816
YIQ	205.9510, 1.6960, 2.3040

Conversions

Conversions Part 2

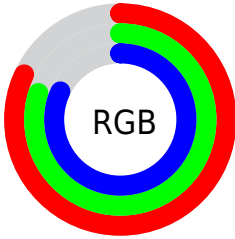
Format	Color
R _Y B	209, 204, 208
Decimal	13749456
CIE Lab	82.54, 2.45, -1.38
CIE LCh	83, 2.811, 330.562
Yxy	61.2951, 0.3137, 0.3244
Android (android.graphics.Color)	4291939536 (0xFFD1CCD0)
YUV	205.9510, 1.0102, 2.6740
Hunter-Lab	78.2912, -1.8712, 3.0184

Details

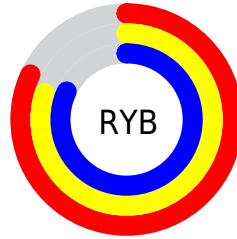
The XYZ color **59.2725, 61.2951, 68.3816** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **58.7240, 62.8477, 66.7965**, and the grayscale version is **58.6293, 61.6826, 67.1724**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **30.2567, 31.1143, 34.9828** is the 20% darker color. If you saturate the color by 10%, you get **54.1273, 51.8167, 64.1614**, and if you desaturate by 10%, it is **65.1014, 72.1174, 72.8981**.

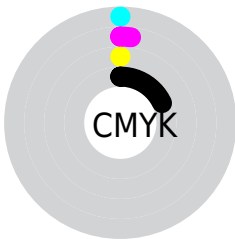
Distribution



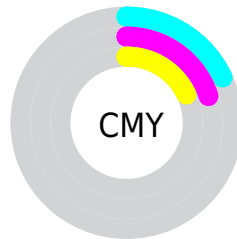
- Red (82%)
- Green (80%)
- Blue (82%)



- Red (82%)
- Yellow (80%)
- Blue (82%)



- Cyan (0%)
- Magenta (2%)
- Yellow (0%)
- Black (18%)



- Cyan (18%)
- Magenta (20%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 59.2725, 61.2951, 68.3816 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 59.2725, 61.2951, 68.3816 by changing the saturation by 10% instead.

■ 59.2725, 61.2951,
68.3816

■ 59.2725, 61.2951,
68.3816

411.7889,
429.3552, 473.4816

■ 43.0797, 44.4634,
49.7396

102.8860,
106.7061, 118.5573

■ 30.1425, 31.0350,
34.8368

131.0374,
136.0542, 150.9280

■ 20.0954, 20.6255,
23.2547

163.9057,
170.3431, 188.7121

■ 12.5730, 12.8505,
14.5746

201.8564,
209.9574, 232.3281

■ 7.2102, 7.3257,
8.3781

245.2546,
255.2813, 282.1945

■ 3.6414, 3.6666,
4.2466

294.4659,

■ 1.5013, 1.4889,

306.6993, 338.7298

1.7616

349.8555,
364.5958, 402.3527

■ 0.3267, 0.2809,
0.4024

■ 0.0000, 0.0000,
0.0000

■ 59.2725, 61.2951,
68.3816

■ 59.2725, 61.2951,
68.3816

■ 54.1273, 51.8167,
64.1614

■ 65.1014, 72.1174,
72.8981

■ 49.6341, 43.6215,
60.2243

■ 71.6336, 84.3255,
77.7158

■ 45.7663, 36.6558,
56.5616

■ 75.0461, 90.2720,
81.5616

■ 42.4938, 30.8594,
53.1628

■ 75.6091, 90.4972,
84.5260

■ 39.7836, 26.1666,
50.0163

■ 76.1860, 90.7279,
87.5640

■ 37.5996, 22.5054,
47.1096

■ 76.7770, 90.9643,
90.6761

■ 35.9015, 19.7953,
44.4287

■ 77.3821, 91.2064,
93.8628

■ 34.6429, 17.9435,
41.9576

■ 78.0015, 91.4542,
97.1247

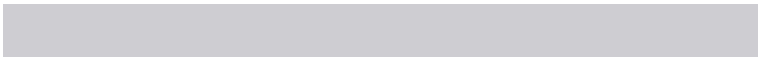
■ 33.7681, 16.8390,
39.6771

■ 78.6353, 91.7077,
100.4622

Harmonies

Analogous

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



58.8494, 61.2951, 69.6337



59.2725, 61.2951, 68.3816



59.4237, 61.2951, 66.7074

Triad

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



59.2725, 61.2951, 68.3816



58.2478, 61.2951, 63.4814



57.2687, 61.2951, 68.4389

Complementary

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



59.2725, 61.2951, 68.3816



58.7240, 62.8477, 66.7965

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.



57.1100, 61.2951, 66.7725



59.2725, 61.2951, 68.3816



57.6729, 61.2951, 63.9274

Square

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



59.2725, 61.2951, 68.3816



58.8296, 61.2951, 63.8958



57.2574, 61.2951, 65.1248



57.6924, 61.2951, 69.6672

Rectangle

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



59.2725, 61.2951, 68.3816



59.3491, 61.2951, 65.5830



57.2574, 61.2951, 65.1248



57.1827, 61.2951, 67.9104

Sweetspot

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



59.2742, 61.2977, 68.3829



94.1598, 98.3510, 108.1985



58.2809, 60.7714, 68.9808



20.1635, 21.0685, 23.1663



0.0000, 0.0000, 0.0000



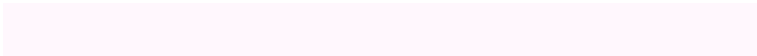
20.3446, 21.4041, 23.3091

Same Dimension

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



59.2742, 61.2977, 68.3829



92.4123, 95.1176, 106.8095



58.9693, 61.1758, 66.7771



12.8497, 13.1548, 14.8823



20.5586, 10.0963, 23.6457



1.1759, 0.5751, 1.4612

Inverse Universe

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



59.2742, 61.2977, 68.3829



92.4123, 95.1176, 106.8095



59.0280, 62.9692, 68.3972



12.8497, 13.1548, 14.8823



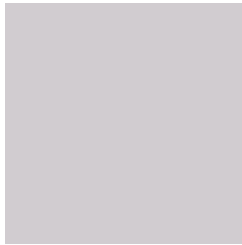
20.5586, 10.0963, 23.6457



1.1759, 0.5751, 1.4612

Previews

White Background



This preview shows how the XYZ color 59.2725, 61.2951, 68.3816 looks on a white background.

Color Contrast Check

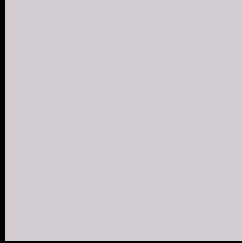
Large Text (above 18pt) WCAG AA × Fail

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 59.2725, 61.2951, 68.3816 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

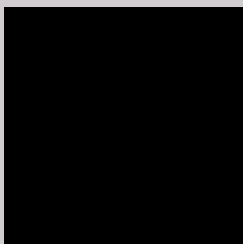
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

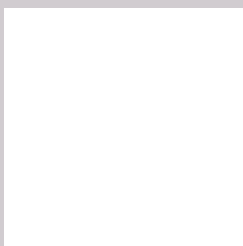
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 59.2725, 61.2951, 68.3816

Background



This preview shows how black text looks on a background with the XYZ color 59.2725, 61.2951, 68.3816.

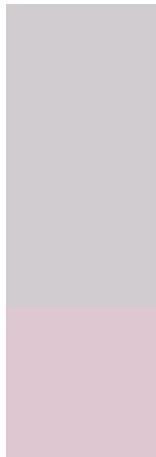


This preview shows how white text looks on a background with the XYZ color 59.2725, 61.2951,

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

59.2725, 61.2951, 68.3816

Protanopia

58.9905, 61.1497, 68.3684

Deuteranopia

62.3635, 61.1383, 68.8356



Tritanopia

60.6394, 61.1519, 74.9371

Trichromacy



Original Color

59.2725, 61.2951, 68.3816

Protanomaly

58.9905, 61.1497, 68.3684

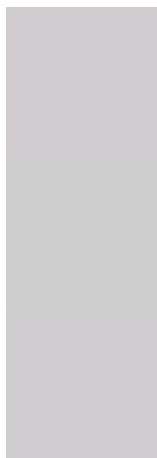
Deuteranomaly

61.3087, 61.2822, 68.9189

Tritanomaly

60.0719, 61.2685, 72.2782

Monochromacy



Original Color

59.2725, 61.2951, 68.3816

Achromatopsia

58.6655, 61.7207, 67.2138

Achromatomaly

58.8259, 61.4330, 67.7888

CSS Examples

Text

The CSS property to change the color of the text to XYZ 59.2725, 61.2951, 68.3816 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(209, 204, 208) looks like.

```
.text, #text, p{  
    color:rgb(209, 204, 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(209, 204, 208) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(209, 204, 208) }
```

Border

The CSS property to change the border of an element to XYZ 59.2725, 61.2951, 68.3816 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(209, 204, 208) }
```


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

```
.border{ border-color:rgb(209, 204, 208) }
```

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

Here you see how a box with a 4 pixel `rgb(209, 204, 208)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(209, 204, 208); -webkit-box-  
shadow:4px 4px 4px 4px rgb(209, 204, 208);  
box-shadow:4px 4px 4px 4px rgb(209, 204,  
208) }
```

Background

The CSS property to change the background color of an element to XYZ 59.2725, 61.2951, 68.3816 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(209, 204, 208) }
```

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

```
.background{ background-color: rgb(209,  
204, 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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