

Converting Colors

XYZ(58.3429, 58.4711, 70.5955)

Have a look what the booklet for
XYZ(58.3429, 58.4711, 70.5955)
contains.

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Color

**XYZ(58.1444, 58.2413,
70.4645)**

Conversions

Conversions Part 1

Format	Color
Hex	D1C5D4
RGB	209, 197, 212
RGB Percent	82%, 77%, 83%
CMY	0.1804, 0.2274, 0.1686
CMYK	0.01, 0.07, 0.00, 0.17
HSL	288°, 15%, 80%
HSV	288°, 7%, 83%
XYZ	58.1444, 58.2413, 70.4645
YIQ	202.2980, 2.3370, 7.2090

Conversions

Conversions Part 2

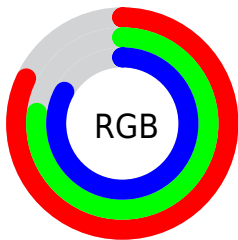
Format	Color
R _Y B	209, 197, 212
Decimal	13747668
CIE Lab	80.87, 6.89, -5.97
CIE LCh	81, 9.122, 319.098
Yxy	58.2413, 0.3112, 0.3117
Android (android.graphics.Color)	4291937748 (0xFFD1C5D4)
YUV	202.2980, 4.7831, 5.8777
Hunter-Lab	76.3160, 2.4444, -1.3228

Details

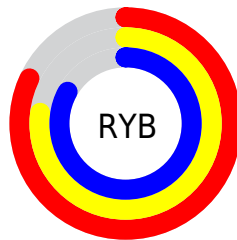
The XYZ color **58.1444, 58.2413, 70.4645** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **57.4432, 63.3991, 62.0360**, and the grayscale version is **56.2965, 59.2283, 64.4997**.

A 20% lighter version of the original color is **94.7318, 99.3636, 108.7939**, and **29.4258, 29.0478, 35.9542** is the 20% darker color. If you saturate the color by 10%, you get **52.4817, 48.6728, 68.9169**, and if you desaturate by 10%, it is **64.5194, 69.1852, 72.2418**.

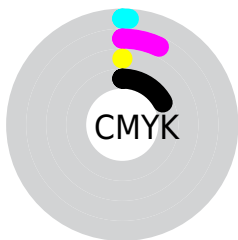
Distribution



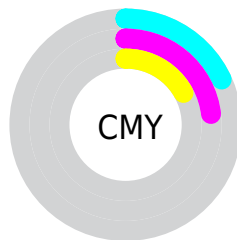
- Red (82%)
- Green (77%)
- Blue (83%)



- Red (82%)
- Yellow (77%)
- Blue (83%)



- Cyan (1%)
- Magenta (7%)
- Yellow (0%)
- Black (17%)



- Cyan (18%)
- Magenta (23%)
- Yellow (17%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 58.1444, 58.2413, 70.4645 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 58.1444, 58.2413, 70.4645 by changing the saturation by 10% instead.

■ 58.1444, 58.2413,
70.4645

■ 58.1444, 58.2413,
70.4645

407.6690,
418.0845, 481.0124

■ 42.1685, 42.0027,
51.4262

101.2549,
102.2742, 121.5582

■ 29.4249, 29.1034,
36.1688

129.1201,
130.8372, 154.4507

■ 19.5484, 19.1590,
24.2739

161.6792,
164.2771, 192.7984

■ 12.1735, 11.7853,
15.3228

199.2974,
202.9784, 237.0197

■ 6.9350, 6.5976,
8.8971

242.3401,
247.3254, 287.5332

■ 3.4675, 3.2118,
4.5782

291.1727,

■ 1.4055, 1.2433,

297.7024, 344.7574

1.9476

346.1605,
354.4940, 409.1110

■ 0.2602, 0.0966,
0.5228

■ 0.0000, 0.0000,
0.0000

■ 58.1444, 58.2413,
70.4645

■ 58.1444, 58.2413,
70.4645

■ 52.4817, 48.6728,
68.9169

■ 64.5194, 69.1852,
72.2418

■ 47.4979, 40.4159,
67.5858

■ 71.6283, 81.5500,
74.2537

■ 43.1643, 33.4127,
66.4625

■ 77.6837, 91.7596,
75.9052

■ 39.4483, 27.5984,
65.5361

■ 78.9970, 92.4367,
75.9667

36.3142, 22.9020,
64.7948

80.3432, 93.1307,
76.0297

33.7226, 19.2449,
64.2255

81.7226, 93.8418,
76.0943

31.6288, 16.5384,
63.8134

83.1353, 94.5700,
76.1604

29.9808, 14.6785,
63.5413

84.5816, 95.3156,
76.2281

28.7093, 13.5273,
63.3861

86.0617, 96.0787,
76.2973

Harmonies

Analogous

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



56.5522, 58.2413, 73.7491



58.1444, 58.2413, 70.4645



58.9962, 58.2413, 65.4004

Triad

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



58.1444, 58.2413, 70.4645



56.0456, 58.2413, 53.7492



51.9985, 58.2413, 66.8757

Complementary

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



58.1444, 58.2413, 70.4645



57.4432, 63.3991, 62.0360

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.



51.8698, 58.2413, 61.4700



58.1444, 58.2413, 70.4645



54.1780, 58.2413, 54.0942

Square

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



58.1444, 58.2413, 70.4645



57.7663, 58.2413, 55.8810



52.6594, 58.2413, 56.8519



53.0149, 58.2413, 71.5972

Rectangle

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



58.1444, 58.2413, 70.4645



59.0169, 58.2413, 61.7860



52.6594, 58.2413, 56.8519



51.8509, 58.2413, 65.0722

Sweetspot

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



58.1461, 58.2438, 70.4658



93.0702, 96.5961, 108.3473



55.6243, 58.0509, 70.5615



19.9416, 20.7112, 23.1966



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.



58.1461, 58.2438, 70.4658



87.3984, 86.9021, 106.7751



58.4738, 58.4739, 67.7196



12.6984, 12.5014, 15.6813



17.5993, 8.2253, 39.1132



1.1248, 0.5287, 2.3621

Inverse Universe

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



57.5450, 58.1024, 62.8285



86.3668, 86.6610, 93.5897



57.1436, 63.1876, 64.5997



12.5238, 12.4610, 13.4327



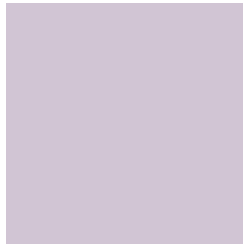
17.0532, 8.7576, 2.3184



1.0585, 0.5402, 0.2975

Previews

White Background



This preview shows how the XYZ color 58.1444, 58.2413, 70.4645 looks on a white background.

Color Contrast Check

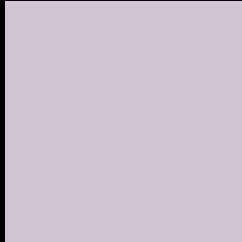
Large Text (above 18pt) WCAG AA × Fail

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 58.1444, 58.2413, 70.4645 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

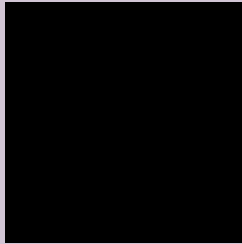
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 58.1444, 58.2413, 70.4645

Background



This preview shows how black text looks on a background with the XYZ color 58.1444, 58.2413, 70.4645.

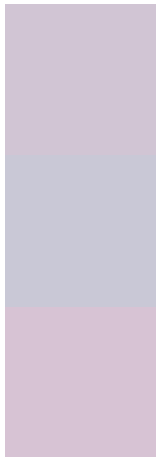


This preview shows how white text looks on a background with the XYZ color 58.1444, 58.2413,

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

58.1444, 58.2413, 70.4645

Protanopia

56.8793, 58.5811, 71.9278

Deuteranopia

59.4231, 58.2308, 70.3951



Tritanopia

58.1444, 58.2413, 70.4645

Trichromacy



Original Color

58.1444, 58.2413, 70.4645

Protanomaly

57.3355, 58.4883, 71.2183

Deuteranomaly

59.0642, 58.3795, 70.4427

Tritanomaly

58.1444, 58.2413, 70.4645

Monochromacy



Original Color

58.1444, 58.2413, 70.4645

Achromatopsia

56.1383, 59.0619, 64.3184

Achromatomaly

56.9717, 58.7439, 66.7285

CSS Examples

Text

The CSS property to change the color of the text to XYZ 58.1444, 58.2413, 70.4645 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, 197, 212)` looks like.

```
.text, #text, p{  
    color:rgb(209, 197, 212)  
}
```

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, 197, 212) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(209, 197, 212) }
```

Border

The CSS property to change the border of an element to XYZ 58.1444, 58.2413, 70.4645 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, 197, 212) }
```


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

```
.border{ border-color:rgb(209, 197, 212) }
```

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

Here you see how a box with a 4 pixel `rgb(209, 197, 212)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(209, 197, 212); -webkit-box-  
shadow:4px 4px 4px 4px rgb(209, 197, 212);  
box-shadow:4px 4px 4px 4px rgb(209, 197,  
212) }
```

Background

The CSS property to change the background color of an element to XYZ 58.1444, 58.2413, 70.4645 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(209, 197, 212) }
```

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

```
.background{ background-color: rgb(209,  
197, 212) }
```

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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