

Converting Colors

XYZ(58.5510, 60.4951, 71.5497)

Have a look what the booklet for
XYZ(58.5510, 60.4951, 71.5497)
contains.

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Color

**XYZ(58.5430, 60.4951,
71.5420)**

Conversions

Conversions Part 1

Format	Color
Hex	CDCBD5
RGB	205, 203, 213
RGB Percent	80%, 80%, 84%
CMY	0.1961, 0.2039, 0.1647
CMYK	0.04, 0.05, 0.00, 0.16
HSL	252°, 11%, 82%
HSV	252°, 5%, 84%
XYZ	58.5430, 60.4951, 71.5420
YIQ	204.7380, -2.0180, 3.5340

Conversions

Conversions Part 2

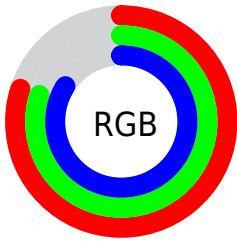
Format	Color
R _Y B	205, 203, 213
Decimal	13487061
CIE Lab	82.11, 2.54, -4.72
CIE LCh	82, 5.365, 298.314
Yxy	60.4951, 0.3072, 0.3174
Android (android.graphics.Color)	4291677141 (0xFFCDBCBD5)
YUV	204.7380, 4.0732, 0.2298
Hunter-Lab	77.7786, -1.7578, -0.0909

Details

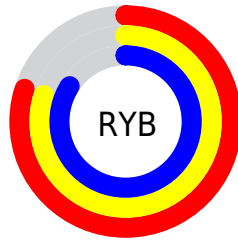
The XYZ color **58.5430, 60.4951, 71.5420** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **61.4400, 65.7508, 65.9559**, and the grayscale version is **57.8392, 60.8514, 66.2671**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **29.6815, 30.5428, 36.6787** is the 20% darker color. If you saturate the color by 10%, you get **49.4061, 48.8250, 69.7719**, and if you desaturate by 10%, it is **68.8868, 73.8167, 73.5691**.

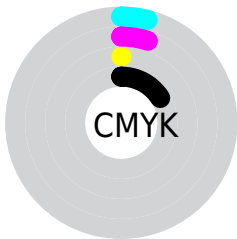
Distribution



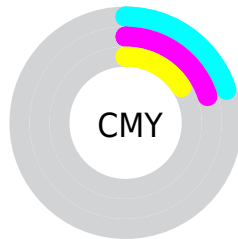
- Red (80%)
- Green (80%)
- Blue (84%)



- Red (80%)
- Yellow (80%)
- Blue (84%)



- Cyan (4%)
- Magenta (5%)
- Yellow (0%)
- Black (16%)



- Cyan (20%)
- Magenta (20%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 58.5430, 60.4951, 71.5420 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 58.5430, 60.4951, 71.5420 by changing the saturation by 10% instead.

■ 58.5430, 60.4951,
71.5420

■ 58.5430, 60.4951,
71.5420

409.1276,
426.4203, 484.8805

■ 42.4903, 43.8178,
52.3001

101.8316,
105.5475, 123.1068

■ 29.6782, 30.5273,
36.8604

129.7982,
134.6915, 156.2668

■ 19.7413, 20.2392,
24.8045

162.4668,
168.7598, 194.9032

■ 12.3143, 12.5690,
15.7138

200.2028,
208.1368, 239.4345

■ 7.0318, 7.1325,
9.1697

243.3715,
253.2070, 290.2794

■ 3.5285, 3.5451,
4.7537

292.3383,

■ 1.4390, 1.4225,

304.3547, 347.8563

2.0473

347.4685,
361.9643, 412.5839

■ 0.2838, 0.2332,
0.5841

■ 0.0000, 0.0000,
0.0000

■ 58.5430, 60.4951,
71.5420

■ 58.5430, 60.4951,
71.5420

■ 49.4061, 48.8250,
69.7719

■ 68.8868, 73.8167,
73.5691

■ 41.4264, 38.7341,
68.2448

■ 80.4743, 88.8427,
75.8587

■ 34.5587, 30.1563,
66.9511

■ 89.0104, 97.5842,
77.0960

■ 28.7525, 23.0180,
65.8792

■ 23.9536, 17.2390,
65.0167

■ 20.1025, 12.7314,
64.3496

■ 17.1335, 9.3969,
63.8625

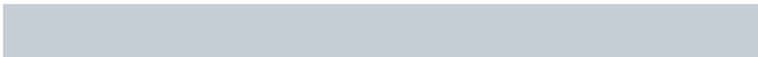
■ 14.9717, 7.1219,
63.5373

■ 13.5287, 5.7697,
63.3524

Harmonies

Analogous

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



57.4344, 60.4951, 72.3343



58.5430, 60.4951, 71.5420



59.3812, 60.4951, 69.2161

Triad

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



58.5430, 60.4951, 71.5420



58.6560, 60.4951, 60.6783



55.3389, 60.4951, 65.6846

Complementary

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



58.5430, 60.4951, 71.5420



61.4400, 65.7508, 65.9559

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.



55.6566, 60.4951, 62.6313



58.5430, 60.4951, 71.5420



57.5632, 60.4951, 59.8007

Square

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



58.5430, 60.4951, 71.5420



59.4470, 60.4951, 62.9407



56.4670, 60.4951, 60.5039



55.5936, 60.4951, 68.8865

Rectangle

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



58.5430, 60.4951, 71.5420



59.6686, 60.4951, 67.1465



56.4670, 60.4951, 60.5039



55.3822, 60.4951, 64.6075

Sweetspot

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



58.5447, 60.4977, 71.5433



93.4951, 97.9988, 108.5957



59.9766, 64.1738, 72.1774



20.0282, 20.9969, 23.2472



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.



58.5447, 60.4977, 71.5433



85.9998, 88.3750, 107.1331



59.8991, 61.1959, 71.6067



12.5564, 12.8745, 15.7608



8.0002, 3.2767, 38.6640



0.5509, 0.2329, 2.3352

Inverse Universe

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



60.5565, 61.5639, 70.3225



89.8737, 90.4284, 104.7666



60.0756, 65.0475, 65.8920



13.1755, 13.2027, 15.3815



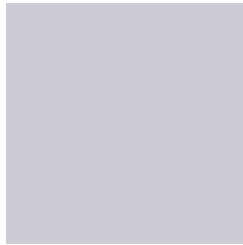
21.2577, 10.4394, 24.4587



1.3098, 0.6407, 1.6209

Previews

White Background



This preview shows how the XYZ color 58.5430, 60.4951, 71.5420 looks on a white background.

Color Contrast Check

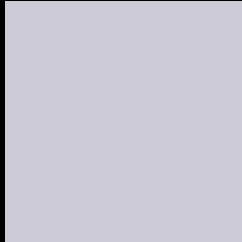
Large Text (above 18pt) WCAG AA × Fail

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 58.5430, 60.4951, 71.5420 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

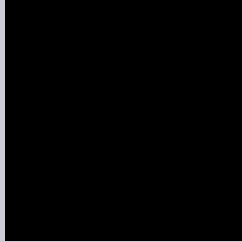
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

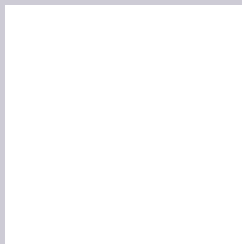
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 58.5430, 60.4951, 71.5420

Background



This preview shows how black text looks on a background with the XYZ color 58.5430, 60.4951, 71.5420.

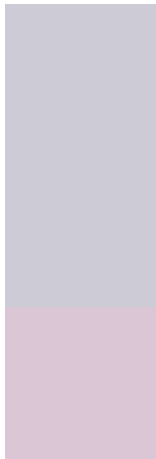


This preview shows how white text looks on a background with the XYZ color 58.5430, 60.4951,

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

58.5430, 60.4951, 71.5420

Protanopia

58.5430, 60.4951, 71.5420

Deuteranopia

61.5451, 60.3033, 72.0142



Tritanopia

59.2290, 60.4248, 74.8711

Trichromacy



Original Color

58.5430, 60.4951, 71.5420

Protanomaly

58.5430, 60.4951, 71.5420

Deuteranomaly

60.5234, 60.4597, 72.0983

Tritanomaly

58.9688, 60.3207, 73.5008

Monochromacy



Original Color

58.5430, 60.4951, 71.5420

Achromatopsia

58.0276, 61.0496, 66.4830

Achromatomaly

58.1549, 60.7189, 68.3293

CSS Examples

Text

The CSS property to change the color of the text to XYZ 58.5430, 60.4951, 71.5420 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(205, 203, 213) looks like.

```
.text, #text, p{  
    color:rgb(205, 203, 213)  
}
```

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(205, 203, 213) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(205, 203, 213) }
```

Border

The CSS property to change the border of an element to XYZ 58.5430, 60.4951, 71.5420 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(205, 203, 213) }
```


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

```
.border{ border-color:rgb(205, 203, 213) }
```

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

Here you see how a box with a 4 pixel `rgb(205, 203, 213)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(205, 203, 213); -webkit-box-  
shadow:4px 4px 4px 4px rgb(205, 203, 213);  
box-shadow:4px 4px 4px 4px rgb(205, 203,  
213) }
```

Background

The CSS property to change the background color of an element to XYZ 58.5430, 60.4951, 71.5420 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(205, 203, 213) }
```

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

```
.background{ background-color: rgb(205,  
203, 213) }
```

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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