

Converting Colors

XYZ(58.4448, 60.5403, 70.1090)

Have a look what the booklet for
XYZ(58.4448, 60.5403, 70.1090)
contains.

XYZ(58.2906, 60.3942, 70.2130)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(58.2906, 60.3942,
70.2130)**

Conversions

Conversions Part 1

Format	Color
Hex	CDCBD3
RGB	205, 203, 211
RGB Percent	80%, 80%, 83%
CMY	0.1961, 0.2039, 0.1725
CMYK	0.03, 0.04, 0.00, 0.17
HSL	255°, 8%, 81%
HSV	255°, 4%, 83%
XYZ	58.2906, 60.3942, 70.2130
YIQ	204.5100, -1.3760, 2.9120

Conversions

Conversions Part 2

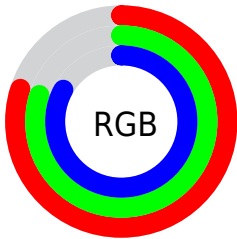
Format	Color
R_{YB}	205, 203, 211
Decimal	13487059
CIE _{Lab}	82.05, 2.17, -3.73
CIE _{LCh}	82, 4.317, 300.136
Yxy	60.3942, 0.3086, 0.3197
Android (android.graphics.Color)	4291677139 (0xFFCDBCBD3)
YUV	204.5100, 3.1996, 0.4297
Hunter-Lab	77.7137, -2.1118, 0.8321

Details

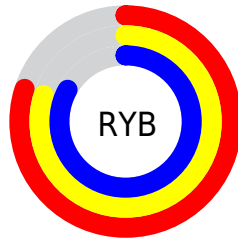
The XYZ color **58.2906, 60.3942, 70.2130** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **60.3707, 64.4573, 65.7627**, and the grayscale version is **57.6997, 60.7046, 66.1073**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **29.5957, 30.5085, 36.2272** is the 20% darker color. If you saturate the color by 10%, you get **49.4946, 48.9605, 68.4706**, and if you desaturate by 10%, it is **68.2103, 73.4172, 72.2048**.

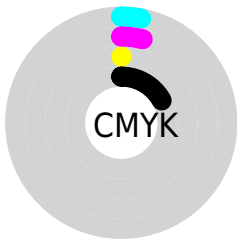
Distribution



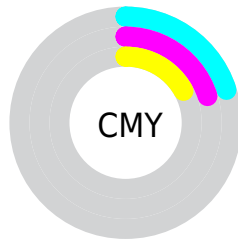
- Red (80%)
- Green (80%)
- Blue (83%)



- Red (80%)
- Yellow (80%)
- Blue (83%)



- Cyan (3%)
- Magenta (4%)
- Yellow (0%)
- Black (17%)



- Cyan (20%)
- Magenta (20%)
- Yellow (17%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 58.2906, 60.3942, 70.2130 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 58.2906, 60.3942, 70.2130 by changing the saturation by 10% instead.

■ 58.2906, 60.3942,
70.2130

■ 58.2906, 60.3942,
70.2130

408.2043,
426.0493, 480.1068

■ 42.2865, 43.7364,
51.2223

101.4665,
105.4013, 121.1964

■ 29.5178, 30.4634,
36.0076

129.3689,
134.5194, 154.0262

■ 19.6191, 20.1906,
24.1503

161.9682,
168.5598, 192.3062

■ 12.2251, 12.5336,
15.2319

199.6296,
207.9068, 236.4548

■ 6.9705, 7.1082,
8.8339

242.7186,
252.9449, 286.8907

■ 3.4898, 3.5299,
4.5377

291.6005,

■ 1.4178, 1.4142,

304.0584, 344.0323

1.9247

346.6406,
361.6317, 408.2981

■ 0.2688, 0.2272,
0.5084

■ 0.0000, 0.0000,
0.0000

■ 58.2906, 60.3942,
70.2130

■ 58.2906, 60.3942,
70.2130

■ 49.4946, 48.9605,
68.4706

■ 68.2103, 73.4172,
72.2048

■ 41.7767, 39.0473,
66.9639

■ 79.2865, 88.0796,
74.4511

■ 35.0959, 30.5919,
65.6840

■ 87.8442, 97.0121,
75.7242

■ 29.4066, 23.5245,
64.6197

■ 88.7580, 97.4832,
75.7670

■ 24.6596, 17.7693,
63.7590

■ 20.8013, 13.2432,
63.0888

■ 17.7724, 9.8533,
62.5941

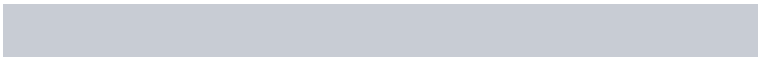
■ 15.5056, 7.4930,
62.2580

■ 13.9217, 6.0343,
62.0599

Harmonies

Analogous

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



57.4071, 60.3942, 70.9268



58.2906, 60.3942, 70.2130



58.9420, 60.3942, 68.2997

Triad

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



58.2906, 60.3942, 70.2130



58.2833, 60.3942, 61.4860



55.6617, 60.3942, 65.7710

Complementary

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



58.2906, 60.3942, 70.2130



60.3707, 64.4573, 65.7627

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.



55.8908, 60.3942, 63.2822



58.2906, 60.3942, 70.2130



57.3987, 60.3942, 60.8486

Square

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



58.2906, 60.3942, 70.2130



58.9377, 60.3942, 63.2619



56.5242, 60.3942, 61.4975



55.8949, 60.3942, 68.3210

Rectangle

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



58.2906, 60.3942, 70.2130



59.1535, 60.3942, 66.6258



56.5242, 60.3942, 61.4975



55.6871, 60.3942, 64.8998

Sweetspot

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



58.2923, 60.3968, 70.2143



93.5414, 98.0227, 108.5978



59.2218, 63.0679, 70.6809



20.0376, 21.0017, 23.2476



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.



58.2923, 60.3968, 70.2143



87.6840, 90.3636, 107.4282



59.3726, 60.9537, 70.2649



12.1585, 12.4984, 15.0153



8.0513, 3.3309, 37.4111



0.5242, 0.2244, 2.0953

Inverse Universe

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



59.7308, 61.1671, 68.9833



90.6083, 91.9299, 104.9123



59.2895, 63.8999, 65.7121



12.6140, 12.7423, 14.6225



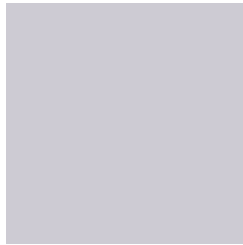
19.9968, 9.8716, 20.6873



1.1488, 0.5642, 1.3182

Previews

White Background



This preview shows how the XYZ color 58.2906, 60.3942, 70.2130 looks on a white background.

Color Contrast Check

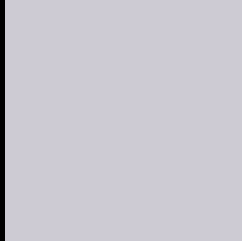
Large Text (above 18pt) WCAG AA × Fail

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 58.2906, 60.3942, 70.2130 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

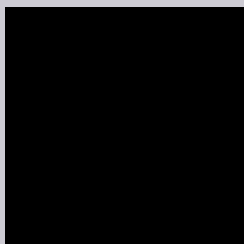
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

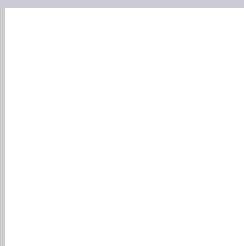
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 58.2906, 60.3942, 70.2130

Background



This preview shows how black text looks on a background with the XYZ color 58.2906, 60.3942, 70.2130.

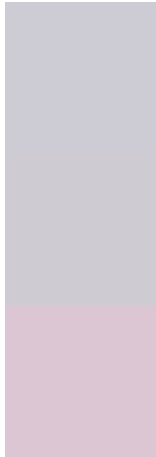


This preview shows how white text looks on a background with the XYZ color 58.2906, 60.3942,

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

58.2906, 60.3942, 70.2130

Protanopia

58.5674, 60.5368, 70.2260

Deuteranopia

61.5929, 60.3573, 70.6912



Tritanopia

59.2290, 60.4248, 74.8711

Trichromacy



Original Color

58.2906, 60.3942, 70.2130

Protanomaly

58.5674, 60.5368, 70.2260

Deuteranomaly

60.5623, 60.5091, 70.7748

Tritanomaly

58.8399, 60.2692, 72.8219

Monochromacy



Original Color

58.2906, 60.3942, 70.2130

Achromatopsia

58.0276, 61.0496, 66.4830

Achromatomaly

58.0322, 60.6699, 67.6833

CSS Examples

Text

The CSS property to change the color of the text to XYZ 58.2906, 60.3942, 70.2130 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, 211) looks like.

```
.text, #text, p{  
    color:rgb(205, 203, 211)  
}
```

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, 211) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(205, 203, 211) }
```

Border

The CSS property to change the border of an element to XYZ 58.2906, 60.3942, 70.2130 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, 211) }
```


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

```
.border{ border-color:rgb(205, 203, 211) }
```

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, 211)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(205, 203, 211); -webkit-box-  
shadow:4px 4px 4px 4px rgb(205, 203, 211);  
box-shadow:4px 4px 4px 4px rgb(205, 203,  
211) }
```

Background

The CSS property to change the background color of an element to XYZ 58.2906, 60.3942, 70.2130 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, 211) }
```

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

```
.background{ background-color: rgb(205,  
203, 211) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor