

Converting Colors

XYZ(57.9305, 60.2982, 70.5170)

Have a look what the booklet for
XYZ(57.9305, 60.2982, 70.5170)
contains.

XYZ(57.7424, 60.1115, 70.1874)	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(57.7424, 60.1115,
70.1874)**

Conversions

Conversions Part 1

Format	Color
Hex	CBCBD3
RGB	203, 203, 211
RGB Percent	80%, 80%, 83%
CMY	0.2039, 0.2039, 0.1725
CMYK	0.04, 0.04, 0.00, 0.17
HSL	240°, 8%, 81%
HSV	240°, 4%, 83%
XYZ	57.7424, 60.1115, 70.1874
YIQ	203.9120, -2.5680, 2.4880

Conversions

Conversions Part 2

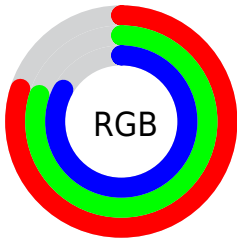
Format	Color
R_{YB}	203, 203, 211
Decimal	13355987
CIE Lab	81.90, 1.49, -3.98
CIE LCh	82, 4.248, 290.566
Yxy	60.1115, 0.3071, 0.3197
Android (android.graphics.Color)	4291546067 (0xFFCBCBD3)
YUV	203.9120, 3.4944, -0.7998
Hunter-Lab	77.5316, -2.7407, 0.5984

Details

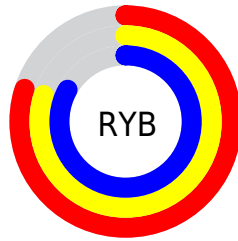
The XYZ color **57.7424, 60.1115, 70.1874** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **60.9379, 64.7486, 65.7868**, and the grayscale version is **57.3202, 60.3053, 65.6724**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **29.2277, 30.3188, 36.2099** is the 20% darker color. If you saturate the color by 10%, you get **47.7363, 48.0566, 68.3889**, and if you desaturate by 10%, it is **69.2116, 73.9299, 72.2510**.

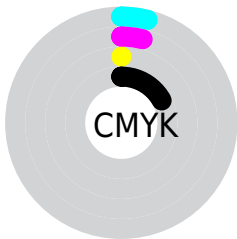
Distribution



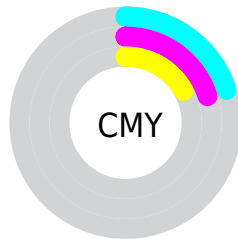
- Red (80%)
- Green (80%)
- Blue (83%)



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



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



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

Brightness & Saturation Gradients

These gradients show how the XYZ color 57.7424, 60.1115, 70.1874 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 57.7424, 60.1115, 70.1874 by changing the saturation by 10% instead.

■ 57.7424, 60.1115,
70.1874

■ 57.7424, 60.1115,
70.1874

406.1947,
425.0086, 480.0146

■ 41.8440, 43.5085,
51.2016

100.6728,
104.9914, 121.1596

■ 29.1698, 30.2843,
35.9912

128.4355,
134.0371, 153.9830

■ 19.3542, 20.0545,
24.1378

160.8837,
167.9992, 192.2561

■ 12.0320, 12.4347,
15.2227

198.3828,
207.2620, 236.3973

■ 6.8378, 7.0404,
8.8275

241.2981,
252.2099, 286.8252

■ 3.4063, 3.4874,
4.5336

289.9949,

■ 1.3721, 1.3912,

303.2274, 343.9584

1.9224

344.8387,
360.6989, 408.2153

■ 0.2362, 0.2102,
0.5069

■ 0.0000, 0.0000,
0.0000

■ 57.7424, 60.1115,
70.1874

■ 57.7424, 60.1115,
70.1874

■ 47.7363, 48.0566,
68.3889

■ 69.2116, 73.9299,
72.2510

■ 39.1297, 37.6870,
66.8410

■ 82.1940, 89.5707,
74.5858

■ 31.8616, 28.9300,
65.5338

■ 88.7581, 97.4832,
75.7671

■ 25.8650, 21.7047,
64.4552

■ 21.0667, 15.9230,
63.5921

■ 17.3864, 11.4880,
62.9300

■ 14.7336, 8.2910,
62.4528

■ 13.0042, 6.2064,
62.1415

■ 12.0718, 5.0820,
61.9737

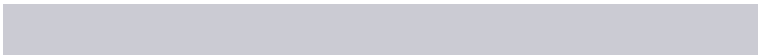
Harmonies

Analogous

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



56.8518, 60.1115, 70.4476



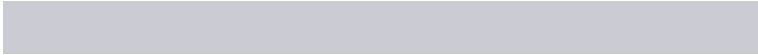
57.7424, 60.1115, 70.1874



58.4771, 60.1115, 68.6403

Triad

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



57.7424, 60.1115, 70.1874



58.2371, 60.1115, 61.7085



55.4490, 60.1115, 64.6446

Complementary

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



57.7424, 60.1115, 70.1874



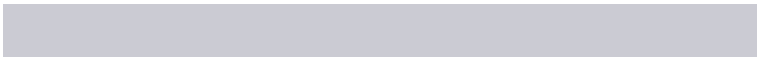
60.9379, 64.7486, 65.7868

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.



55.8119, 60.1115, 62.3625



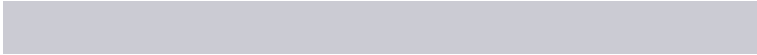
57.7424, 60.1115, 70.1874



57.4175, 60.1115, 60.6968

Square

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



57.7424, 60.1115, 70.1874



58.7648, 60.1115, 63.7307



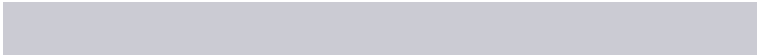
56.5302, 60.1115, 60.9330



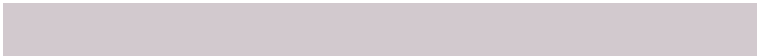
55.5340, 60.1115, 67.2024

Rectangle

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



57.7424, 60.1115, 70.1874



58.7767, 60.1115, 67.1091



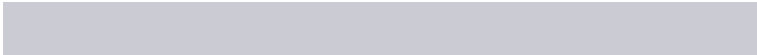
56.5302, 60.1115, 60.9330



55.5225, 60.1115, 63.8208

Sweetspot

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



57.7441, 60.1141, 70.1887



93.3103, 97.9040, 108.5871



59.6650, 63.9825, 70.7466



19.9906, 20.9776, 23.2454



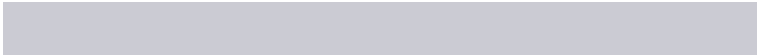
0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

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



57.7441, 60.1141, 70.1887



86.5819, 89.7978, 107.3771



58.8097, 60.6622, 70.2384



11.9876, 12.4106, 15.0073



7.0966, 2.8398, 37.3666



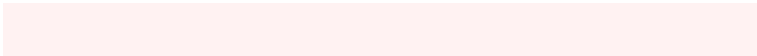
0.3969, 0.1591, 2.0893

Inverse Universe

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



59.0007, 60.8737, 65.1430



89.1320, 91.3393, 97.1380



59.8441, 64.1860, 65.7359



12.3845, 12.6505, 13.4137



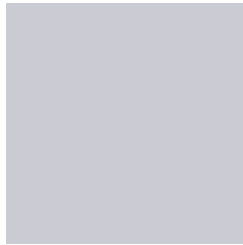
16.2128, 8.3579, 0.7607



0.9066, 0.4674, 0.0429

Previews

White Background



This preview shows how the XYZ color 57.7424, 60.1115, 70.1874 looks on a white background.

Color Contrast Check

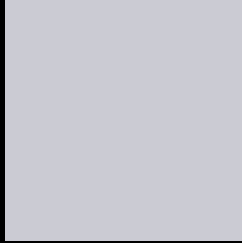
Large Text (above 18pt) WCAG AA × Fail

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 57.7424, 60.1115, 70.1874 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

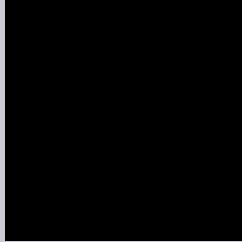
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

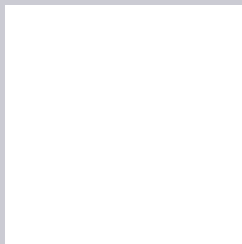
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 57.7424, 60.1115, 70.1874

Background



This preview shows how black text looks on a background with the XYZ color 57.7424, 60.1115, 70.1874.

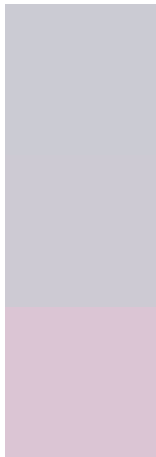


This preview shows how white text looks on a background with the XYZ color 57.7424, 60.1115,

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

57.7424, 60.1115, 70.1874

Protanopia

58.0552, 59.9233, 70.1345

Deuteranopia

61.0633, 59.7460, 70.6011



Tritanopia

58.6773, 60.1404, 74.8453

Trichromacy



Original Color

57.7424, 60.1115, 70.1874

Protanomaly

57.7802, 59.7816, 70.1217

Deuteranomaly

59.7477, 59.7464, 70.6705

Tritanomaly

58.2881, 59.9847, 72.7961

Monochromacy



Original Color

57.7424, 60.1115, 70.1874

Achromatopsia

57.3938, 60.3827, 65.7568

Achromatomaly

57.7572, 60.5281, 67.6704

CSS Examples

Text

The CSS property to change the color of the text to XYZ 57.7424, 60.1115, 70.1874 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(203, 203, 211) looks like.

```
.text, #text, p{  
    color:rgb(203, 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(203, 203, 211) colored shadow looks like.

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

Border

The CSS property to change the border of an element to XYZ 57.7424, 60.1115, 70.1874 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(203, 203, 211) }
```


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

```
.border{ border-color:rgb(203, 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(203, 203, 211)` colored shadow looks like.

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

Background

The CSS property to change the background color of an element to XYZ 57.7424, 60.1115, 70.1874 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(203, 203, 211) }
```

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

```
.background{ background-color: rgb(203,  
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