

Converting Colors

XYZ(55.7453, 59.0674, 70.7504)

Have a look what the booklet for
XYZ(55.7453, 59.0674, 70.7504)
contains.

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Color

**XYZ(55.7453, 59.0674,
70.7504)**

Conversions

Conversions Part 1

Format	Color
Hex	C3CBD4
RGB	195, 203, 212
RGB Percent	76%, 80%, 83%
CMY	0.2353, 0.2039, 0.1686
CMYK	0.08, 0.04, 0.00, 0.17
HSL	212°, 17%, 80%
HSV	212°, 8%, 83%
XYZ	55.7453, 59.0674, 70.7504
YIQ	201.6340, -7.6570, 1.1030

Conversions

Conversions Part 2

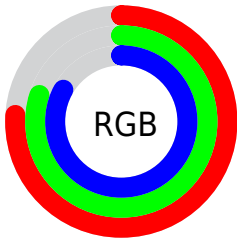
Format	Color
R_{YB}	195, 200, 212
Decimal	12831700
CIE Lab	81.33, -0.99, -5.42
CIE LCh	81, 5.510, 259.651
Yxy	59.0674, 0.3004, 0.3183
Android (android.graphics.Color)	4291021780 (0xFFC3CBD4)
YUV	201.6340, 5.1104, -5.8180
Hunter-Lab	76.8553, -5.0258, -0.7816

Details

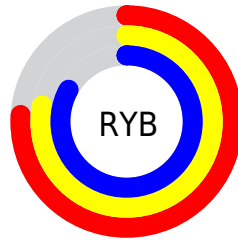
The XYZ color **55.7453, 59.0674, 70.7504** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **58.5949, 61.1226, 60.3405**, and the grayscale version is **55.8851, 58.7954, 64.0282**.

A 20% lighter version of the original color is **93.9549, 99.4354, 108.8487**, and **27.8178, 29.5919, 36.1439** is the 20% darker color. If you saturate the color by 10%, you get **48.0976, 51.3341, 69.6617**, and if you desaturate by 10%, it is **64.3659, 67.5902, 71.9420**.

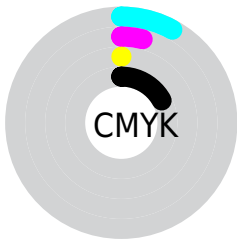
Distribution



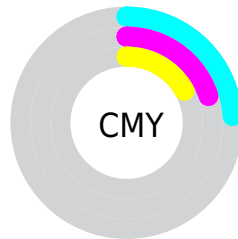
- Red (76%)
- Green (80%)
- Blue (83%)



- Red (76%)
- Yellow (78%)
- Blue (83%)



- Cyan (8%)
- Magenta (4%)
- Yellow (0%)
- Black (17%)



- Cyan (24%)
- Magenta (20%)
- Yellow (17%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 55.7453, 59.0674, 70.7504 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 55.7453, 59.0674, 70.7504 by changing the saturation by 10% instead.

■ 55.7453, 59.0674,
70.7504

■ 55.7453, 59.0674,
70.7504

398.8215,
421.1516, 482.0405

■ 40.2349, 42.6674,
51.6580

■ 97.7741, 103.4756,
121.9694

■ 27.9068, 29.6242,
36.3521

125.0232,
132.2526, 154.9330

■ 18.3955, 19.5535,
24.4144

156.9159,
165.9240, 193.3574

■ 11.3357, 12.0709,
15.4263

193.8176,
204.8743, 237.6612

■ 6.3621, 6.7920,
8.9692

236.0937,
249.4878, 288.2629

■ 3.1092, 3.3324,
4.6245

284.1095,

■ 1.2118, 1.3076,

300.1489, 345.5809

1.9739

338.2303,
357.2421, 410.0340

■ 0.1156, 0.1471,
0.5391

■ 0.0000, 0.0000,
0.0000

■ 55.7453, 59.0674,
70.7504

■ 55.7453, 59.0674,
70.7504

■ 48.0976, 51.3341,
69.6617

■ 64.3659, 67.5902,
71.9420

■ 41.3811, 44.3580,
68.6692

■ 73.9889, 76.9185,
73.2354

■ 35.5583, 38.1152,
67.7711

■ 83.3110, 86.3879,
74.5718

■ 30.5874, 32.5776,
66.9642

■ 86.6558, 93.0775,
75.6868

■ 26.4226, 27.7151,
66.2452

■ 88.8838, 97.5335,
76.4294

■ 23.0136, 23.4948,
65.6103

■ 20.3038, 19.8803,
65.0554

■ 18.2271, 16.8301,
64.5761

■ 16.6901, 14.2881,
64.1665

Harmonies

Analogous

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



54.7216, 59.0674, 69.2646



55.7453, 59.0674, 70.7504



56.8890, 59.0674, 70.4674

Triad

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



55.7453, 59.0674, 70.7504



58.2511, 59.0674, 62.2072



54.4727, 59.0674, 60.2990

Complementary

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



55.7453, 59.0674, 70.7504



58.5949, 61.1226, 60.3405

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.



55.4011, 59.0674, 58.5303



55.7453, 59.0674, 70.7504



57.5863, 59.0674, 59.6057

Square

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



55.7453, 59.0674, 70.7504



58.3463, 59.0674, 65.4593



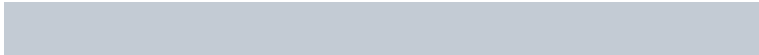
56.5402, 59.0674, 58.2810



53.9936, 59.0674, 63.1829

Rectangle

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



55.7453, 59.0674, 70.7504



57.5653, 59.0674, 69.3168



56.5402, 59.0674, 58.2810



54.7420, 59.0674, 59.5585

Sweetspot

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



55.7470, 59.0699, 70.7517



92.3435, 97.3354, 108.5283



56.9233, 63.0393, 66.1592



19.7937, 20.8618, 23.2334



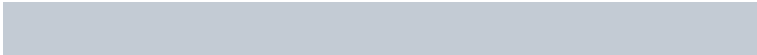
0.0000, 0.0000, 0.0000



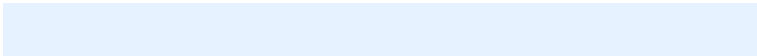
20.3446, 21.4041, 23.3091

Same Dimension

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



55.7470, 59.0699, 70.7517



82.1277, 87.1699, 107.1046



53.9788, 55.4248, 70.1413



12.2198, 12.9631, 15.7956



10.2365, 8.7348, 39.5996



0.6999, 0.6918, 2.4160

Inverse Universe

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



57.4473, 57.3403, 64.5427



85.3505, 83.9568, 95.3214



60.4645, 64.9830, 60.9871



12.6642, 12.5172, 14.1717



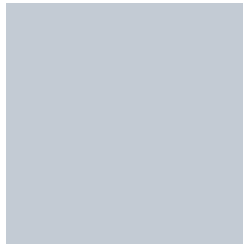
18.2258, 9.2266, 8.4930



1.1409, 0.5732, 0.7315

Previews

White Background



This preview shows how the XYZ color 55.7453, 59.0674, 70.7504 looks on a white background.

Color Contrast Check

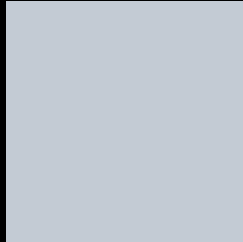
Large Text (above 18pt) WCAG AA × Fail

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 55.7453, 59.0674, 70.7504 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

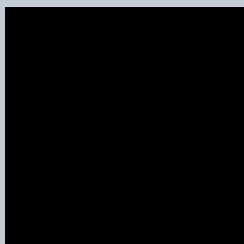
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

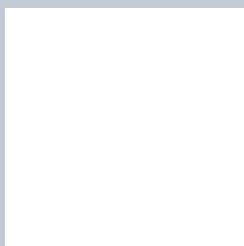
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 55.7453, 59.0674, 70.7504

Background



This preview shows how black text looks on a background with the XYZ color 55.7453, 59.0674, 70.7504.

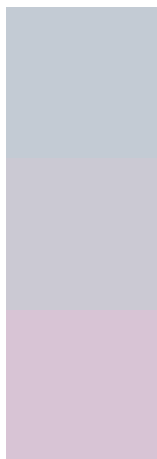


This preview shows how white text looks on a background with the XYZ color 55.7453, 59.0674,

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

55.7453, 59.0674, 70.7504

Protanopia

57.2731, 59.1729, 70.0309

Deuteranopia

60.0691, 58.8829, 71.1503



Tritanopia

56.5404, 59.0388, 74.7453

Trichromacy



Original Color

55.7453, 59.0674, 70.7504

Protanomaly

56.6978, 59.2236, 70.0710

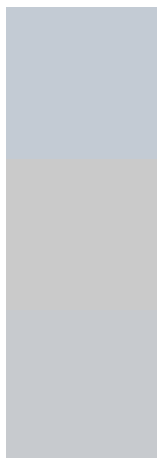
Deuteranomaly

58.4461, 59.0608, 71.2702

Tritanomaly

56.2801, 58.9347, 73.3750

Monochromacy



Original Color

55.7453, 59.0674, 70.7504

Achromatopsia

56.1383, 59.0619, 64.3184

Achromatomaly

55.8143, 58.8394, 66.8079

CSS Examples

Text

The CSS property to change the color of the text to XYZ 55.7453, 59.0674, 70.7504 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(195, 203, 212) looks like.

```
.text, #text, p{  
    color:rgb(195, 203, 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(195, 203, 212) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(195, 203, 212) }
```

Border

The CSS property to change the border of an element to XYZ 55.7453, 59.0674, 70.7504 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(195, 203, 212) }
```


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

```
.border{ border-color:rgb(195, 203, 212) }
```

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

Here you see how a box with a 4 pixel `rgb(195, 203, 212)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(195, 203, 212); -webkit-box-  
shadow:4px 4px 4px 4px rgb(195, 203, 212);  
box-shadow:4px 4px 4px 4px rgb(195, 203,  
212) }
```

Background

The CSS property to change the background color of an element to XYZ 55.7453, 59.0674, 70.7504 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(195, 203, 212) }
```

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

```
.background{ background-color: rgb(195,  
203, 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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