

Converting Colors

XYZ(54.0767, 56.1070, 71.7327)

Have a look what the booklet for
XYZ(54.0767, 56.1070, 71.7327)
contains.

XYZ(54.0962, 56.1250, 71.6004)	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(54.0962, 56.1250,
71.6004)**

Conversions

Conversions Part 1

Format	Color
Hex	C1C5D6
RGB	193, 197, 214
RGB Percent	76%, 77%, 84%
CMY	0.2431, 0.2274, 0.1608
CMYK	0.10, 0.08, 0.00, 0.16
HSL	229°, 20%, 80%
HSV	229°, 10%, 84%
XYZ	54.0962, 56.1250, 71.6004
YIQ	197.7420, -7.8410, 4.4390

Conversions

Conversions Part 2

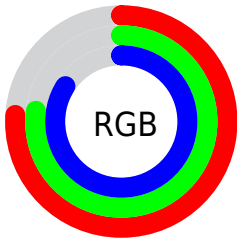
Format	Color
R_{YB}	193, 196, 214
Decimal	12699094
CIE Lab	79.68, 1.93, -8.95
CIE LCh	80, 9.151, 282.154
Yxy	56.1250, 0.2975, 0.3087
Android (android.graphics.Color)	4290889174 (0xFFC1C5D6)
YUV	197.7420, 8.0152, -4.1587
Hunter-Lab	74.9166, -2.2118, -4.2239

Details

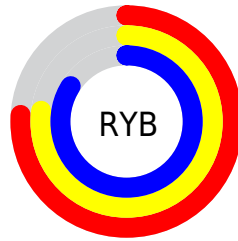
The XYZ color **54.0962, 56.1250, 71.6004** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **60.4041, 64.2393, 59.6690**, and the grayscale version is **53.4776, 56.2626, 61.2700**.

A 20% lighter version of the original color is **92.9162, 98.4276, 108.7090**, and **26.7279, 27.6371, 36.7267** is the 20% darker color. If you saturate the color by 10%, you get **45.3211, 46.0955, 70.1279**, and if you desaturate by 10%, it is **64.1159, 67.4700, 73.2630**.

Distribution



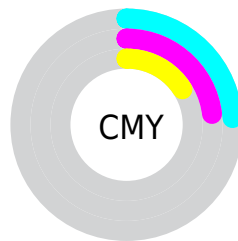
- Red (76%)
- Green (77%)
- Blue (84%)



- Red (76%)
- Yellow (77%)
- Blue (84%)



- Cyan (10%)
- Magenta (8%)
- Yellow (0%)
- Black (16%)



- Cyan (24%)
- Magenta (23%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 54.0962, 56.1250, 71.6004 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 54.0962, 56.1250, 71.6004 by changing the saturation by 10% instead.

■ 54.0962, 56.1250,
71.6004

■ 54.0962, 56.1250,
71.6004

392.6691,
410.1624, 485.0896

■ 38.9096, 40.3032,
52.3475

■ 95.3715, 99.1873,
123.1907

■ 26.8698, 27.7750,
36.8980

122.1910,
127.1966, 156.3651

■ 17.6115, 18.1561,
24.8333

153.6187,
160.0371, 195.0171

■ 10.7694, 11.0621,
15.7350

190.0200,
198.0933, 239.5652

■ 5.9782, 6.1086,
9.1845

231.7604,
241.7495, 290.4280

■ 2.8723, 2.9113,
4.7633

279.2051,

■ 1.0866, 1.0856,

291.3902, 348.0239

2.0528

332.7196,
347.3997, 412.7716

■ 0.0139, 0.0000,
0.5874

■ 0.0000, 0.0000,
0.0000

■ 54.0962, 56.1250,
71.6004

■ 54.0962, 56.1250,
71.6004

■ 45.3211, 46.0955,
70.1279

■ 64.1159, 67.4700,
73.2630

■ 37.7368, 37.3267,
68.8351

■ 75.4215, 80.1688,
75.1182

■ 31.2926, 29.7700,
67.7161

■ 87.2436, 93.8468,
77.1352

■ 25.9322, 23.3711,
66.7635

■ 89.1378, 97.6351,
77.7666

■ 21.5947, 18.0716,
65.9693

■ 18.2126, 13.8076,
65.3245

■ 15.7101, 10.5084,
64.8195

■ 13.9993, 8.0936,
64.4436

■ 12.9397, 6.4514,
64.1825

Harmonies

Analogous

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



52.2644, 56.1250, 71.3103



54.0962, 56.1250, 71.6004



55.7638, 56.1250, 68.9635

Triad

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



54.0962, 56.1250, 71.6004



56.0210, 56.1250, 54.5368



50.0361, 56.1250, 58.0469

Complementary

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



54.0962, 56.1250, 71.6004



60.4041, 64.2393, 59.6690

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.



50.9975, 56.1250, 53.8776



54.0962, 56.1250, 71.6004



54.4407, 56.1250, 51.9330

Square

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



54.0962, 56.1250, 71.6004



56.8921, 56.1250, 58.9945



52.6010, 56.1250, 51.6989



49.9488, 56.1250, 63.2767

Rectangle

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



54.0962, 56.1250, 71.6004



56.5467, 56.1250, 65.9846



52.6010, 56.1250, 51.6989



50.2668, 56.1250, 56.4827

Sweetspot

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



54.0979, 56.1274, 71.6016



90.3477, 94.6906, 108.1230



57.6479, 64.0748, 70.1725



19.0754, 19.9706, 23.0993



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.



54.0979, 56.1274, 71.6016



77.2761, 79.8544, 105.9483



54.8415, 55.1793, 71.3795



11.9323, 12.3880, 15.6997



7.8682, 3.9982, 38.8102



0.5322, 0.3564, 2.3600

Inverse Universe

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



56.8809, 56.4686, 60.7276



82.3189, 80.5128, 86.2360



59.6013, 65.3108, 59.9181



12.5190, 12.4591, 13.4074



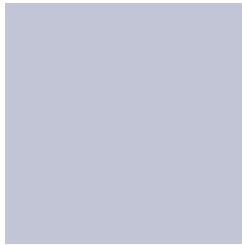
17.0304, 8.7485, 2.1981



1.0563, 0.5393, 0.2857

Previews

White Background



This preview shows how the XYZ color 54.0962, 56.1250, 71.6004 looks on a white background.

Color Contrast Check

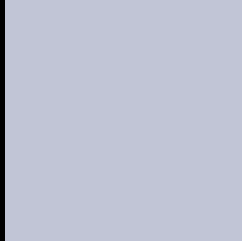
Large Text (above 18pt) WCAG AA × Fail

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 54.0962, 56.1250, 71.6004 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

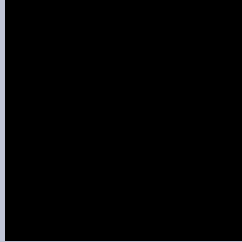
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

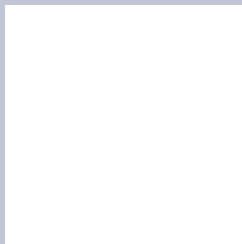
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 54.0962, 56.1250, 71.6004

Background



This preview shows how black text looks on a background with the XYZ color 54.0962, 56.1250, 71.6004.

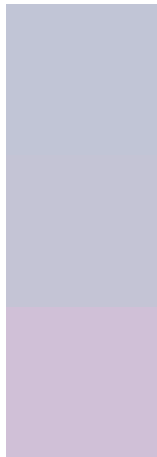


This preview shows how white text looks on a background with the XYZ color 54.0962, 56.1250,

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

54.0962, 56.1250, 71.6004

Protanopia

54.5151, 56.0197, 70.8904

Deuteranopia

57.1278, 56.0155, 72.0911



Tritanopia

53.9688, 56.0741, 70.9297

Trichromacy



Original Color

54.0962, 56.1250, 71.6004

Protanomaly

54.2558, 55.8861, 70.8783

Deuteranomaly

56.1861, 56.1864, 72.1737

Tritanomaly

53.9688, 56.0741, 70.9297

Monochromacy



Original Color

54.0962, 56.1250, 71.6004

Achromatopsia

53.6758, 56.4712, 61.4971

Achromatomaly

53.8581, 56.4836, 65.1905

CSS Examples

Text

The CSS property to change the color of the text to XYZ 54.0962, 56.1250, 71.6004 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(193, 197, 214)` looks like.

```
.text, #text, p{  
    color:rgb(193, 197, 214)  
}
```

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(193, 197, 214) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(193, 197, 214) }
```

Border

The CSS property to change the border of an element to XYZ 54.0962, 56.1250, 71.6004 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(193, 197, 214) }
```


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

```
.border{ border-color:rgb(193, 197, 214) }
```

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

Here you see how a box with a 4 pixel rgb(193, 197, 214) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(193, 197, 214); -webkit-box-  
shadow:4px 4px 4px 4px rgb(193, 197, 214);  
box-shadow:4px 4px 4px 4px rgb(193, 197,  
214) }
```

Background

The CSS property to change the background color of an element to XYZ 54.0962, 56.1250, 71.6004 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(193, 197, 214) }
```

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

```
.background{ background-color: rgb(193,  
197, 214) }
```

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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