

Converting Colors

XYZ(56.5615, 59.3513, 75.1500)

Have a look what the booklet for
XYZ(56.5615, 59.3513, 75.1500)
contains.

XYZ(56.6478, 59.4284, 75.5030)	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(56.6478, 59.4284,
75.5030)**

Conversions

Conversions Part 1

Format	Color
Hex	C3CBDB
RGB	195, 203, 219
RGB Percent	76%, 80%, 86%
CMY	0.2353, 0.2039, 0.1412
CMYK	0.11, 0.07, 0.00, 0.14
HSL	220°, 25%, 81%
HSV	220°, 11%, 86%
XYZ	56.6478, 59.4284, 75.5030
YIQ	202.4320, -9.9040, 3.2800

Conversions

Conversions Part 2

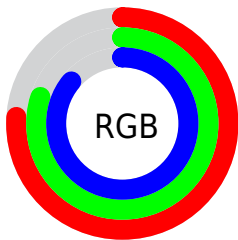
Format	Color
R _Y B	195, 201, 219
Decimal	12831707
CIE Lab	81.53, 0.40, -8.87
CIE LCh	82, 8.884, 272.605
Yxy	59.4284, 0.2957, 0.3102
Android (android.graphics.Color)	4291021787 (0xFFC3CBDB)
YUV	202.4320, 8.1680, -6.5179
Hunter-Lab	77.0898, -3.7403, -4.1067

Details

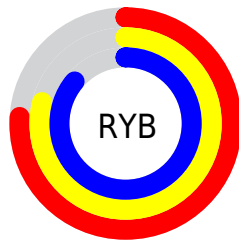
The XYZ color **56.6478, 59.4284, 75.5030** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **62.3584, 65.5885, 61.0042**, and the grayscale version is **56.3652, 59.3006, 64.5784**.

A 20% lighter version of the original color is **93.9549, 99.4354, 108.8487**, and **28.4328, 29.8379, 39.3827** is the 20% darker color. If you saturate the color by 10%, you get **48.1127, 50.1509, 74.1630**, and if you desaturate by 10%, it is **66.3409, 69.7880, 76.9926**.

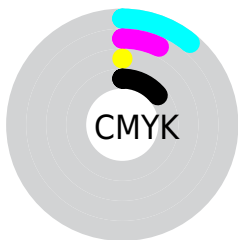
Distribution



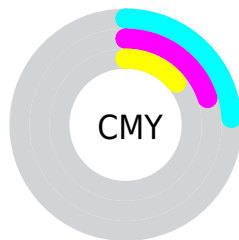
- Red (76%)
- Green (80%)
- Blue (86%)



- Red (76%)
- Yellow (79%)
- Blue (86%)



- Cyan (11%)
- Magenta (7%)
- Yellow (0%)
- Black (14%)



- Cyan (24%)
- Magenta (20%)
- Yellow (14%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 56.6478, 59.4284, 75.5030 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 56.6478, 59.4284, 75.5030 by changing the saturation by 10% instead.

■ 56.6478, 59.4284,
75.5030

■ 56.6478, 59.4284,
75.5030

402.1638,
422.4877, 498.9461

■ 40.9616, 42.9581,
55.5209

■ 99.0854, 104.0000,
128.7778

■ 28.4766, 29.8522,
39.4175

126.5675,
132.8701, 162.9075

■ 18.8275, 19.7264,
26.7743

158.7123,
166.6423, 202.5901

■ 11.6490, 12.1964,
17.1729

195.8851,
205.7009, 248.2442

■ 6.5756, 6.8775,
10.1946

238.4513,
250.4303, 300.2883

■ 3.2421, 3.3856,
5.4209

286.7763,

■ 1.2830, 1.3362,

301.2150, 359.1410

2.4332

341.2253,
358.4393, 425.2207

■ 0.1705, 0.1690,
0.8045

■ 0.0000, 0.0000,
0.0000

■ 56.6478, 59.4284,
75.5030

■ 56.6478, 59.4284,
75.5030

■ 48.1127, 50.1509,
74.1630

■ 66.3409, 69.7880,
76.9926

■ 40.6855, 41.9116,
72.9641

■ 77.2291, 81.2567,
78.6325

■ 34.3200, 34.6744,
71.9027

■ 87.2252, 92.7723,
80.3283

■ 28.9646, 28.3982,
70.9736

■ 89.7864, 97.8945,
81.1821

■ 24.5631, 23.0389,
70.1711

■ 21.0534, 18.5483,
69.4893

■ 18.3653, 14.8731,
68.9216

■ 16.4164, 11.9524,
68.4606

■ 15.1705, 9.8828,
68.1268

Harmonies

Analogous

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



54.8531, 59.4284, 74.2470



56.6478, 59.4284, 75.5030



58.4366, 59.4284, 73.7373

Triad

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



56.6478, 59.4284, 75.5030



59.5557, 59.4284, 59.3370



53.3647, 59.4284, 60.1022

Complementary

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



56.6478, 59.4284, 75.5030



62.3584, 65.5885, 61.0042

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.



54.5772, 59.4284, 56.4465



56.6478, 59.4284, 75.5030



58.1487, 59.4284, 56.0221

Square

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



56.6478, 59.4284, 75.5030



60.1383, 59.4284, 64.2425



56.3223, 59.4284, 54.9933



52.9825, 59.4284, 65.1746

Rectangle

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



56.6478, 59.4284, 75.5030



59.3780, 59.4284, 71.1380



56.3223, 59.4284, 54.9933



53.6874, 59.4284, 58.6766

Sweetspot

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



56.6496, 59.4309, 75.5043



90.6861, 95.3675, 108.2358



59.5460, 66.9493, 71.1506



19.1665, 20.1527, 23.1296



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.



56.6496, 59.4309, 75.5043



77.2399, 80.9492, 106.1615



55.7496, 56.2334, 74.9346



12.6917, 13.3231, 16.5548



9.0855, 6.0405, 40.4255



0.6663, 0.5468, 2.6449

Inverse Universe

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



59.5094, 58.4034, 64.6392



82.0157, 79.3006, 88.0025



63.3248, 69.1119, 61.6333



13.2342, 13.1228, 14.4947



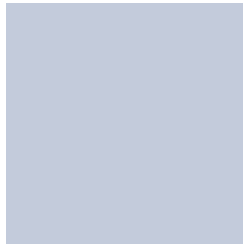
18.0813, 9.2336, 4.8082



1.2106, 0.6139, 0.5181

Previews

White Background



This preview shows how the XYZ color 56.6478, 59.4284, 75.5030 looks on a white background.

Color Contrast Check

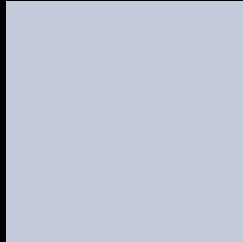
Large Text (above 18pt) WCAG AA × Fail

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 56.6478, 59.4284, 75.5030 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

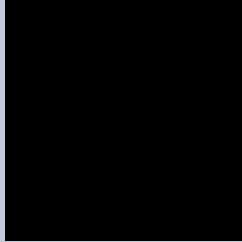
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

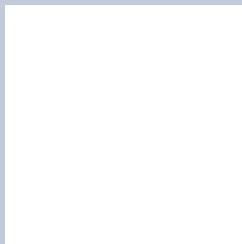
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 56.6478, 59.4284, 75.5030

Background



This preview shows how black text looks on a background with the XYZ color 56.6478, 59.4284, 75.5030.

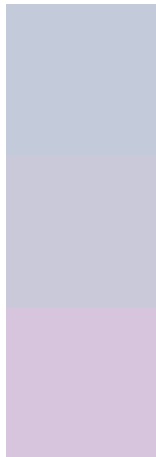


This preview shows how white text looks on a background with the XYZ color 56.6478, 59.4284,

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

56.6478, 59.4284, 75.5030

Protanopia

57.8987, 59.3918, 74.7418

Deuteranopia

60.6161, 59.3960, 75.9799



Tritanopia

56.6478, 59.4284, 75.5030

Trichromacy



Original Color

56.6478, 59.4284, 75.5030

Protanomaly

57.3286, 59.4451, 74.7822

Deuteranomaly

59.0738, 59.2796, 76.0387

Tritanomaly

56.6478, 59.4284, 75.5030

Monochromacy



Original Color

56.6478, 59.4284, 75.5030

Achromatopsia

56.1383, 59.0619, 64.3184

Achromatomaly

56.0589, 58.9372, 68.0959

CSS Examples

Text

The CSS property to change the color of the text to XYZ 56.6478, 59.4284, 75.5030 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, 219) looks like.

```
.text, #text, p{  
    color:rgb(195, 203, 219)  
}
```

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, 219) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(195, 203, 219) }
```

Border

The CSS property to change the border of an element to XYZ 56.6478, 59.4284, 75.5030 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, 219) }
```


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

```
.border{ border-color:rgb(195, 203, 219) }
```

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, 219)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(195, 203, 219); -webkit-box-  
shadow:4px 4px 4px 4px rgb(195, 203, 219);  
box-shadow:4px 4px 4px 4px rgb(195, 203,  
219) }
```

Background

The CSS property to change the background color of an element to XYZ 56.6478, 59.4284, 75.5030 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, 219) }
```

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

```
.background{ background-color: rgb(195,  
203, 219) }
```

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