

Converting Colors

XYZ(56.0389, 58.0794, 75.4820)

Have a look what the booklet for
XYZ(56.0389, 58.0794, 75.4820)
contains.

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Color

**XYZ(55.9461, 58.0251,
75.2691)**

Conversions

Conversions Part 1

Format	Color
Hex	C3C8DB
RGB	195, 200, 219
RGB Percent	76%, 78%, 86%
CMY	0.2353, 0.2157, 0.1412
CMYK	0.11, 0.09, 0.00, 0.14
HSL	227°, 25%, 81%
HSV	227°, 11%, 86%
XYZ	55.9461, 58.0251, 75.2691
YIQ	200.6710, -9.0790, 4.8490

Conversions

Conversions Part 2

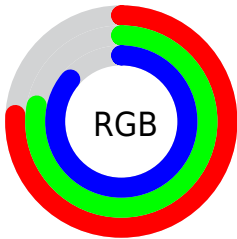
Format	Color
R_{YB}	195, 199, 219
Decimal	12830939
CIE Lab	80.75, 1.99, -10.03
CIE LCh	81, 10.222, 281.250
Yxy	58.0251, 0.2956, 0.3066
Android (android.graphics.Color)	4291021019 (0xFFC3C8DB)
YUV	200.6710, 9.0362, -4.9735
Hunter-Lab	76.1742, -2.2057, -5.2636

Details

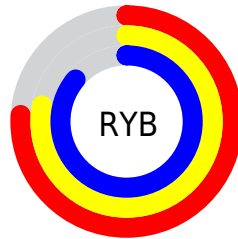
The XYZ color **55.9461, 58.0251, 75.2691** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **63.1105, 67.0929, 61.2548**, and the grayscale version is **55.2650, 58.1431, 63.3178**.

A 20% lighter version of the original color is **93.9549, 99.4354, 108.8487**, and **27.9642, 28.9008, 39.2265** is the 20% darker color. If you saturate the color by 10%, you get **46.9078, 47.7412, 73.7614**, and if you desaturate by 10%, it is **66.2729, 69.6522, 76.9700**.

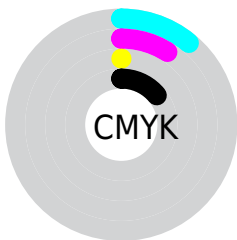
Distribution



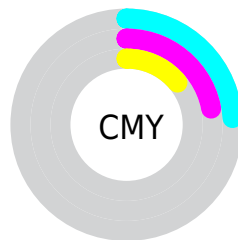
- Red (76%)
- Green (78%)
- Blue (86%)



- Red (76%)
- Yellow (78%)
- Blue (86%)



- Cyan (11%)
- Magenta (9%)
- Yellow (0%)
- Black (14%)



- Cyan (24%)
- Magenta (22%)
- Yellow (14%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 55.9461, 58.0251, 75.2691 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 55.9461, 58.0251, 75.2691 by changing the saturation by 10% instead.

■ 55.9461, 58.0251,
75.2691

■ 55.9461, 58.0251,
75.2691

399.5667,
417.2795, 498.1221

■ 40.3965, 41.8288,
55.3303

98.0660, 101.9594,
128.4438

■ 28.0334, 28.9673,
39.2659

125.3671,
130.4662, 162.5168

■ 18.4915, 19.0561,
26.6572

157.3161,
163.8454, 202.1383

■ 11.4052, 11.7108,
17.0858

194.2783,
202.4812, 247.7268

■ 6.4094, 6.5471,
10.1331

236.6191,
246.7581, 299.7009

■ 3.1386, 3.1805,
5.3805

284.7039,

■ 1.2275, 1.2267,

297.0606, 358.4792

2.4096

338.8979,
353.7729, 424.4800

■ 0.1279, 0.0833,
0.7917

■ 0.0000, 0.0000,
0.0000

■ 55.9461, 58.0251,
75.2691

■ 55.9461, 58.0251,
75.2691

■ 46.9078, 47.7412,
73.7614

■ 66.2729, 69.6522,
76.9700

■ 39.1018, 38.7442,
72.4362

■ 77.9314, 82.6613,
78.8665

■ 32.4753, 30.9849,
71.2878

■ 88.8398, 96.0014,
80.8665

■ 26.9694, 24.4079,
70.3085

■ 89.7864, 97.8945,
81.1820

■ 22.5203, 18.9533,
69.4901

■ 19.0572, 14.5559,
68.8239

■ 16.5005, 11.1434,
68.3000

■ 14.7569, 8.6334,
67.9074

■ 13.7498, 7.0414,
67.6531

Harmonies

Analogous

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



53.8578, 58.0251, 74.8281



55.9461, 58.0251, 75.2691



57.8685, 58.0251, 72.3201

Triad

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



55.9461, 58.0251, 75.2691



58.2567, 58.0251, 55.8267



51.3993, 58.0251, 59.5192

Complementary

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



55.9461, 58.0251, 75.2691



63.1105, 67.0929, 61.2548

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.



52.5201, 58.0251, 54.8434



55.9461, 58.0251, 75.2691



56.4650, 58.0251, 52.8072

Square

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



55.9461, 58.0251, 75.2691



59.2250, 58.0251, 60.9405



54.3637, 58.0251, 52.4591



51.2685, 58.0251, 65.4726

Rectangle

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



55.9461, 58.0251, 75.2691



58.7836, 58.0251, 68.9321



54.3637, 58.0251, 52.4591



51.6715, 58.0251, 57.7561

Sweetspot

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



55.9478, 58.0275, 75.2704



90.3899, 94.7750, 108.1371



59.9502, 67.1109, 73.2794



19.0868, 19.9933, 23.1031



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.



55.9478, 58.0275, 75.2704



76.0813, 78.6319, 105.7753



56.6053, 56.6745, 74.9746



12.5575, 13.0548, 16.5101



8.2169, 4.3032, 40.1359



0.5950, 0.4042, 2.6211

Inverse Universe

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



59.1552, 58.2616, 62.7742



81.4308, 79.0667, 84.9228



62.3919, 68.6309, 61.5895



13.1665, 13.0957, 14.1382



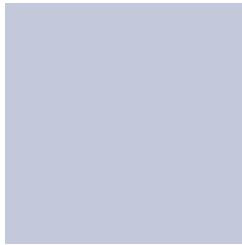
17.6428, 9.0582, 2.4993



1.1746, 0.5995, 0.3286

Previews

White Background



This preview shows how the XYZ color 55.9461, 58.0251, 75.2691 looks on a white background.

Color Contrast Check

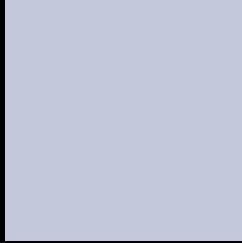
Large Text (above 18pt) WCAG AA × Fail

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 55.9461, 58.0251, 75.2691 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

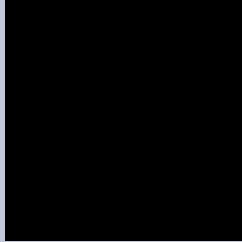
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 55.9461, 58.0251, 75.2691

Background



This preview shows how black text looks on a background with the XYZ color 55.9461, 58.0251, 75.2691.



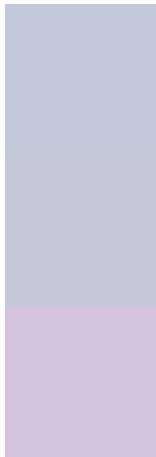
This preview shows how white text looks on a background with the XYZ color 55.9461, 58.0251,

75.2691.

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

55.9461, 58.0251, 75.2691

Protanopia

56.6315, 58.0509, 74.5498

Deuteranopia

59.2973, 58.0464, 75.7889



Tritanopia

55.5546, 57.8685, 73.2074

Trichromacy



Original Color

55.9461, 58.0251, 75.2691

Protanomaly

56.3670, 57.9146, 74.5374

Deuteranomaly

58.0614, 58.0789, 75.8603

Tritanomaly

55.6843, 57.9204, 73.8905

Monochromacy



Original Color

55.9461, 58.0251, 75.2691

Achromatopsia

55.5167, 58.4078, 63.6061

Achromatomaly

55.8250, 58.4695, 68.0180

CSS Examples

Text

The CSS property to change the color of the text to XYZ 55.9461, 58.0251, 75.2691 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, 200, 219)` looks like.

```
.text, #text, p{  
    color:rgb(195, 200, 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, 200, 219) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(195, 200, 219) }
```

Border

The CSS property to change the border of an element to XYZ 55.9461, 58.0251, 75.2691 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, 200, 219) }
```


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

```
.border{ border-color:rgb(195, 200, 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, 200, 219)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(195, 200, 219); -webkit-box-  
shadow:4px 4px 4px 4px rgb(195, 200, 219);  
box-shadow:4px 4px 4px 4px rgb(195, 200,  
219) }
```

Background

The CSS property to change the background color of an element to XYZ 55.9461, 58.0251, 75.2691 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(195, 200, 219) }
```

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

```
.background{ background-color: rgb(195,  
200, 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](#).

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