

Converting Colors

XYZ(55.9963, 55.3888, 89.9539)

Have a look what the booklet for
XYZ(55.9963, 55.3888, 89.9539)
contains.

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Color

**XYZ(56.0333, 55.3783,
90.1739)**

Conversions

Conversions Part 1

Format	Color
Hex	BEC1F0
RGB	190, 193, 240
RGB Percent	75%, 76%, 94%
CMY	0.2549, 0.2431, 0.0588
CMYK	0.21, 0.20, 0.00, 0.06
HSL	236°, 63%, 84%
HSV	236°, 21%, 94%
XYZ	56.0333, 55.3783, 90.1739
YIQ	197.4610, -16.8750, 13.9810

Conversions

Conversions Part 2

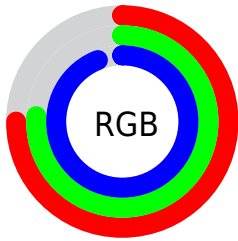
Format	Color
RYB	190, 193, 240
Decimal	12501488
CIELab	79.26, 8.65, -23.58
CIELCh	79, 25.116, 290.150
Yxy	55.3783, 0.2780, 0.2747
Android (android.graphics.Color)	4290691568 (0xFFBEC1F0)
YUV	197.4610, 20.9717, -6.5433
Hunter-Lab	74.4166, 4.1757, -19.7527

Details

The XYZ color **56.0333, 55.3783, 90.1739** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **75.5142, 82.8114, 60.7208**, and the grayscale version is **53.2354, 56.0077, 60.9924**.

A 20% lighter version of the original color is **90.2835, 94.7455, 108.1370**, and **28.1832, 27.4511, 49.1606** is the 20% darker color. If you saturate the color by 10%, you get **45.9130, 43.3151, 88.3798**, and if you desaturate by 10%, it is **67.9048, 69.4762, 92.2703**.

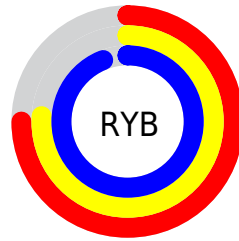
Distribution



Red (75%)

Green (76%)

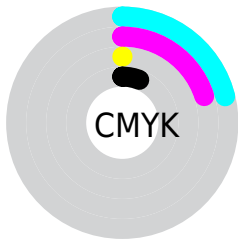
Blue (94%)



Red (75%)

Yellow (76%)

Blue (94%)

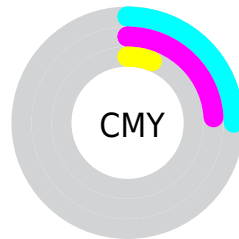


Cyan (21%)

Magenta (20%)

Yellow (0%)

Black (6%)



Cyan (25%)

Magenta (24%)

Yellow (6%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 56.0333, 55.3783, 90.1739 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 56.0333, 55.3783, 90.1739 by changing the saturation by 10% instead.

■ 56.0333, 55.3783,
90.1739

■ 56.0333, 55.3783,
90.1739

399.8900,
407.3443, 549.1811

■ 40.4667, 39.7047,
67.5504

■ 98.1928, 98.0950,
149.5176

■ 28.0885, 27.3084,
49.0676

125.5164,
125.9069, 187.0747

■ 18.5331, 17.8049,
34.3071

157.4898,
158.5336, 230.4469

■ 11.4354, 10.8100,
22.8504

194.4782,
196.3597, 280.0526

■ 6.4300, 5.9392,
14.2788

236.8471,
239.7693, 336.3103

■ 3.1514, 2.8082,
8.1739

284.9618,

■ 1.2343, 1.0324,

289.1471, 399.6386

4.1170

339.1876,
344.8773, 470.4560

■ 0.1332, 0.0000,
1.6898

■ 0.0000, 0.0000,
0.3537

■ 56.0333, 55.3783,
90.1739

■ 56.0333, 55.3783,
90.1739

■ 45.9130, 43.3151,
88.3798

■ 67.9048, 69.4762,
92.2703

■ 37.4560, 33.1862,
86.8704

■ 81.5994, 85.6895,
94.6780

■ 30.5748, 24.8930,
85.6324

■ 92.7284, 99.0713,
96.6744

■ 25.1717, 18.3253,
84.6494

■ 21.1382, 13.3613,
83.9039

■ 18.3505, 9.8630,
83.3756

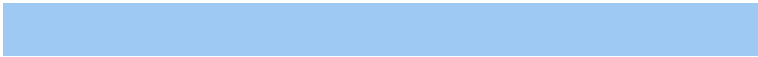
■ 16.6629, 7.6692,
83.0411

■ 15.8909, 6.6165,
82.8786

Harmonies

Analogous

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



51.0002, 55.3783, 91.8652



56.0333, 55.3783, 90.1739



60.4045, 55.3783, 79.8171

Triad

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



56.0333, 55.3783, 90.1739



59.0705, 55.3783, 41.4560



43.6808, 55.3783, 55.6879

Complementary

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



56.0333, 55.3783, 90.1739



75.5142, 82.8114, 60.7208

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.



45.5628, 55.3783, 44.2520



56.0333, 55.3783, 90.1739



54.3052, 55.3783, 36.9429

Square

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



56.0333, 55.3783, 90.1739



62.2340, 55.3783, 51.2616



49.3777, 55.3783, 37.8778



44.0783, 55.3783, 70.3374

Rectangle

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



56.0333, 55.3783, 90.1739



62.2533, 55.3783, 70.1870



49.3777, 55.3783, 37.8778



44.0630, 55.3783, 51.3836

Sweetspot

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



56.0351, 55.3805, 90.1752



85.2259, 88.3778, 107.1745



67.6338, 79.3634, 91.6206



18.0230, 18.6574, 22.9013



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.



56.0351, 55.3805, 90.1752



59.1312, 57.3936, 102.5693



61.1983, 57.0672, 90.2286



14.9734, 15.3809, 19.9012



8.7298, 3.6838, 45.3788



0.7528, 0.3596, 3.7840

Inverse Universe

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



63.9757, 59.2039, 58.5101



69.7844, 62.5744, 60.0755



69.4687, 80.9958, 60.6890



15.8113, 15.7742, 16.5624



19.7320, 10.1652, 1.2394



1.6549, 0.8510, 0.1737

Previews

White Background



This preview shows how the XYZ color 56.0333, 55.3783, 90.1739 looks on a white background.

Color Contrast Check

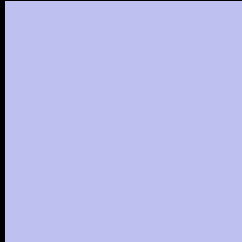
Large Text (above 18pt) WCAG AA × Fail

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 56.0333, 55.3783, 90.1739 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 56.0333, 55.3783, 90.1739

Background



This preview shows how black text looks on a background with the XYZ color 56.0333, 55.3783, 90.1739.



This preview shows how white text looks on a background with the XYZ color 56.0333, 55.3783,

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

56.0333, 55.3783, 90.1739

Protanopia

55.1766, 55.2487, 90.9750

Deuteranopia

56.5701, 55.3280, 90.1359



Tritanopia

52.2119, 55.5066, 70.9128

Trichromacy



Original Color

56.0333, 55.3783, 90.1739

Protanomaly

55.6625, 55.4992, 90.9978

Deuteranomaly

56.3160, 55.1970, 90.1240

Tritanomaly

53.5527, 55.3724, 77.6774

Monochromacy



Original Color

56.0333, 55.3783, 90.1739

Achromatopsia

53.0703, 55.8340, 60.8033

Achromatomaly

53.9983, 55.7533, 70.8662

CSS Examples

Text

The CSS property to change the color of the text to XYZ 56.0333, 55.3783, 90.1739 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(190, 193, 240)` looks like.

```
.text, #text, p{  
    color:rgb(190, 193, 240)  
}
```

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(190, 193, 240) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(190, 193, 240) }
```

Border

The CSS property to change the border of an element to XYZ 56.0333, 55.3783, 90.1739 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(190, 193, 240) }
```


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

```
.border{ border-color:rgb(190, 193, 240) }
```

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

Here you see how a box with a 4 pixel `rgb(190, 193, 240)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(190, 193, 240); -webkit-box-  
shadow:4px 4px 4px 4px rgb(190, 193, 240);  
box-shadow:4px 4px 4px 4px rgb(190, 193,  
240) }
```

Background

The CSS property to change the background color of an element to XYZ 56.0333, 55.3783, 90.1739 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(190, 193, 240) }
```

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

```
.background{ background-color: rgb(190,  
193, 240) }
```

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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