

Converting Colors

XYZ(55.0760, 56.7367, 82.1772)

Have a look what the booklet for
XYZ(55.0760, 56.7367, 82.1772)
contains.

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Color

**XYZ(55.0760, 56.7367,
82.1772)**

Conversions

Conversions Part 1

Format	Color
Hex	BCC6E5
RGB	188, 198, 229
RGB Percent	74%, 78%, 90%
CMY	0.2627, 0.2235, 0.1020
CMYK	0.18, 0.14, 0.00, 0.10
HSL	225°, 44%, 82%
HSV	225°, 18%, 90%
XYZ	55.0760, 56.7367, 82.1772
YIQ	198.5440, -15.9110, 7.5210

Conversions

Conversions Part 2

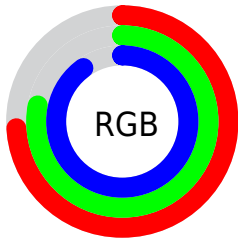
Format	Color
R _Y B	188, 196, 229
Decimal	12371685
CIE Lab	80.03, 2.92, -16.52
CIE LCh	80, 16.778, 280.024
Yxy	56.7367, 0.2839, 0.2925
Android (android.graphics.Color)	4290561765 (0xFFBCC6E5)
YUV	198.5440, 15.0148, -9.2471
Hunter-Lab	75.3238, -1.2991, -11.9579

Details

The XYZ color **55.0760, 56.7367, 82.1772** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **66.7222, 70.9518, 57.7567**, and the grayscale version is **53.9274, 56.7358, 61.7853**.

A 20% lighter version of the original color is **91.4662, 98.1525, 108.7323**, and **27.3476, 28.0320, 43.5045** is the 20% darker color. If you saturate the color by 10%, you get **46.1424, 46.5897, 80.6904**, and if you desaturate by 10%, it is **65.3605, 68.2546, 83.8592**.

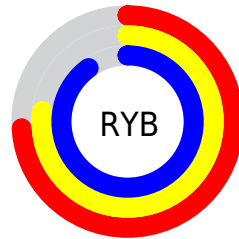
Distribution



Red (74%)

Green (78%)

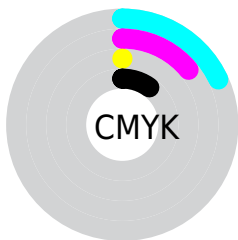
Blue (90%)



Red (74%)

Yellow (77%)

Blue (90%)

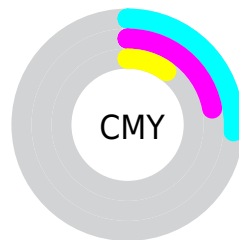


Cyan (18%)

Magenta (14%)

Yellow (0%)

Black (10%)



Cyan (26%)

Magenta (22%)

Yellow (10%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 55.0760, 56.7367, 82.1772 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 55.0760, 56.7367, 82.1772 by changing the saturation by 10% instead.

■ 55.0760, 56.7367,
82.1772

■ 55.0760, 56.7367,
82.1772

396.3317,
412.4620, 522.1392

■ 39.6967, 40.7939,
60.9749

■ 96.8000, 100.0809,
138.2614

■ 27.4853, 28.1581,
43.7745

123.8753,
128.2511, 173.9804

■ 18.0765, 18.4448,
30.1574

155.5800,
161.2658, 215.3754

■ 11.1049, 11.2698,
19.7050

192.2795,
199.5095, 262.8649

■ 6.2053, 6.2486,
11.9989

234.3390,
243.3666, 316.8675

■ 3.0121, 2.9968,
6.6204

282.1240,

■ 1.1602, 1.1301,

293.2214, 377.8018

3.1510

335.9998,
349.4584, 446.0861

■ 0.0746, 0.0035,
1.1723

■ 0.0000, 0.0000,
0.0000

■ 55.0760, 56.7367,
82.1772

■ 55.0760, 56.7367,
82.1772

■ 46.1424, 46.5897,
80.6904

■ 65.3605, 68.2546,
83.8592

■ 38.4974, 37.7545,
79.3880

■ 77.0446, 81.1855,
85.7393

■ 32.0810, 30.1780,
78.2637

■ 89.5515, 95.2541,
87.7957

■ 26.8267, 23.8007,
77.3097

■ 91.1430, 98.4372,
88.3262

■ 22.6611, 18.5578,
76.5173

■ 19.5020, 14.3781,
75.8770

■ 17.2544, 11.1811,
75.3784

■ 15.7927, 8.8674,
75.0089

■ 15.5507, 8.4726,
74.9454

Harmonies

Analogous

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



51.7171, 56.7367, 81.1615



55.0760, 56.7367, 82.1772



58.2546, 56.7367, 77.3031

Triad

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



55.0760, 56.7367, 82.1772



59.1057, 56.7367, 50.4688



47.9953, 56.7367, 55.5802

Complementary

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



55.0760, 56.7367, 82.1772



66.7222, 70.9518, 57.7567

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.



49.8183, 56.7367, 48.4822



55.0760, 56.7367, 82.1772



56.1980, 56.7367, 45.7538

Square

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



55.0760, 56.7367, 82.1772



60.6452, 56.7367, 58.5651



52.7932, 56.7367, 45.0670



47.7234, 56.7367, 65.1035

Rectangle

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



55.0760, 56.7367, 82.1772



59.8087, 56.7367, 71.6432



52.7932, 56.7367, 45.0670



48.4433, 56.7367, 52.8603

Sweetspot

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



55.0777, 56.7390, 82.1785



87.5154, 91.6646, 107.6882



61.5128, 71.8324, 77.4694



18.5131, 19.3772, 23.0144



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.



55.0777, 56.7390, 82.1785



66.4354, 68.0536, 104.2419



55.4820, 53.6647, 81.5638



13.8670, 14.4553, 18.2036



8.9701, 5.0022, 42.8759



0.7344, 0.5128, 3.1922

Inverse Universe

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



60.4908, 56.7031, 61.1853



74.4351, 68.1247, 73.1892



66.2357, 74.6918, 58.5043



14.5204, 14.4254, 15.6750



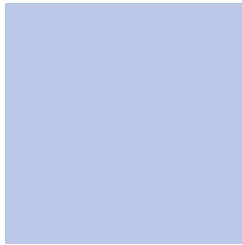
18.9212, 9.7027, 3.2139



1.4343, 0.7314, 0.4278

Previews

White Background



This preview shows how the XYZ color 55.0760, 56.7367, 82.1772 looks on a white background.

Color Contrast Check

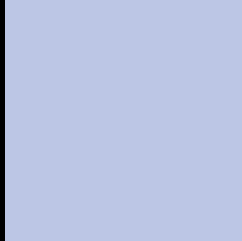
Large Text (above 18pt) WCAG AA × Fail

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 55.0760, 56.7367, 82.1772 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

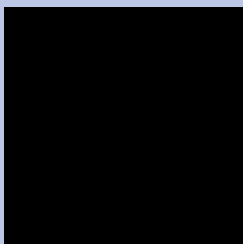
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 55.0760, 56.7367, 82.1772

Background



This preview shows how black text looks on a background with the XYZ color 55.0760, 56.7367, 82.1772.



This preview shows how white text looks on a background with the XYZ color 55.0760, 56.7367,

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

55.0760, 56.7367, 82.1772

Protanopia

55.9622, 56.8714, 81.4265

Deuteranopia

57.7100, 56.4097, 82.7094



Tritanopia

53.2986, 56.7055, 73.1019

Trichromacy



Original Color

55.0760, 56.7367, 82.1772

Protanomaly

55.4557, 56.6103, 81.4028

Deuteranomaly

56.8240, 56.6137, 82.7955

Tritanomaly

53.9681, 56.6321, 76.4933

Monochromacy



Original Color

55.0760, 56.7367, 82.1772

Achromatopsia

54.2854, 57.1125, 62.1955

Achromatomaly

54.5620, 57.1021, 69.1188

CSS Examples

Text

The CSS property to change the color of the text to XYZ 55.0760, 56.7367, 82.1772 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(188, 198, 229)` looks like.

```
.text, #text, p{  
    color:rgb(188, 198, 229)  
}
```

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(188, 198, 229) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(188, 198, 229) }
```

Border

The CSS property to change the border of an element to XYZ 55.0760, 56.7367, 82.1772 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(188, 198, 229) }
```


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

```
.border{ border-color:rgb(188, 198, 229) }
```

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

Here you see how a box with a 4 pixel `rgb(188, 198, 229)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(188, 198, 229); -webkit-box-  
shadow:4px 4px 4px 4px rgb(188, 198, 229);  
box-shadow:4px 4px 4px 4px rgb(188, 198,  
229) }
```

Background

The CSS property to change the background color of an element to XYZ 55.0760, 56.7367, 82.1772 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(188, 198, 229) }
```

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

```
.background{ background-color: rgb(188,  
198, 229) }
```

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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