

Converting Colors

XYZ(55.8924, 56.6703, 88.8815)

Have a look what the booklet for
XYZ(55.8924, 56.6703, 88.8815)
contains.

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Color

**XYZ(55.8924, 56.6703,
88.8815)**

Conversions

Conversions Part 1

Format	Color
Hex	BBC5EE
RGB	187, 197, 238
RGB Percent	73%, 77%, 93%
CMY	0.2667, 0.2274, 0.0667
CMYK	0.21, 0.17, 0.00, 0.07
HSL	228°, 60%, 83%
HSV	228°, 21%, 93%
XYZ	55.8924, 56.6703, 88.8815
YIQ	198.6840, -19.1210, 10.6310

Conversions

Conversions Part 2

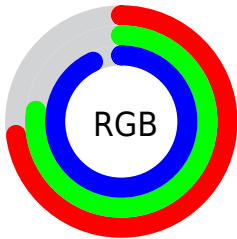
Format	Color
R _Y B	187, 195, 238
Decimal	12305902
CIE Lab	79.99, 5.13, -21.41
CIE LCh	80, 22.016, 283.478
Yxy	56.6703, 0.2775, 0.2813
Android (android.graphics.Color)	4290495982 (0xFFBBC5EE)
YUV	198.6840, 19.3828, -10.2469
Hunter-Lab	75.2797, 0.7903, -17.3070

Details

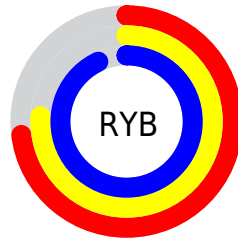
The XYZ color **55.8924, 56.6703, 88.8815** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **71.9737, 77.2522, 58.1331**, and the grayscale version is **53.9883, 56.7999, 61.8550**.

A 20% lighter version of the original color is **90.8000, 97.3367, 108.6099**, and **27.9388, 28.0089, 48.1897** is the 20% darker color. If you saturate the color by 10%, you get **46.4734, 45.7706, 87.2750**, and if you desaturate by 10%, it is **66.8313, 69.1748, 90.7195**.

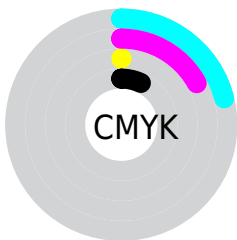
Distribution



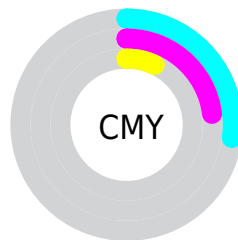
- Red (73%)
- Green (77%)
- Blue (93%)



- Red (73%)
- Yellow (76%)
- Blue (93%)



- Cyan (21%)
- Magenta (17%)
- Yellow (0%)
- Black (7%)



- Cyan (27%)
- Magenta (23%)
- Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 55.8924, 56.6703, 88.8815 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 55.8924, 56.6703, 88.8815 by changing the saturation by 10% instead.

■ 55.8924, 56.6703,
88.8815

■ 55.8924, 56.6703,
88.8815

399.3675,
412.2127, 544.8616

■ 40.3533, 40.7406,
66.4849

■ 97.9880, 99.9840,
147.7057

■ 27.9996, 28.1164,
48.2071

125.2752,
128.1367, 184.9703

■ 18.4658, 18.4135,
33.6298

157.2091,
161.1326, 228.0280

■ 11.3866, 11.2472,
22.3343

194.1551,
199.3560, 277.2973

■ 6.3967, 6.2334,
13.9021

236.4786,
243.1913, 333.1968

■ 3.1307, 2.9875,
7.9146

284.5450,

■ 1.2233, 1.1252,

293.0229, 396.1450

3.9534

338.7195,
349.2353, 466.5604

■ 0.1246, 0.0000,
1.5998

■ 0.0000, 0.0000,
0.2907

■ 55.8924, 56.6703,
88.8815

■ 55.8924, 56.6703,
88.8815

■ 46.4734, 45.7706,
87.2750

■ 66.8313, 69.1748,
90.7195

■ 38.5008, 36.4032,
85.8871

■ 79.3484, 83.3389,
92.7937

■ 31.9031, 28.5001,
84.7094

■ 92.2424, 98.5723,
95.0545

■ 26.6002, 21.9853,
83.7314

■ 92.4328, 98.9531,
95.1180

■ 22.5036, 16.7757,
82.9418

■ 19.5132, 12.7790,
82.3280

■ 17.5112, 9.8894,
81.8757

■ 16.4363, 8.1802,
81.6025

Harmonies

Analogous

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



51.4551, 56.6703, 88.4505



55.8924, 56.6703, 88.8815



59.9988, 56.6703, 81.3527

Triad

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



55.8924, 56.6703, 88.8815



60.3465, 56.6703, 46.2644



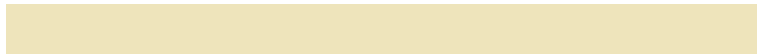
46.0337, 56.6703, 54.9633

Complementary

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



55.8924, 56.6703, 88.8815



71.9737, 77.2522, 58.1331

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.



48.1612, 56.6703, 45.5054



55.8924, 56.6703, 88.8815



56.3457, 56.6703, 40.9795

Square

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



55.8924, 56.6703, 88.8815



62.6648, 56.6703, 56.1411



51.8841, 56.6703, 40.7224



45.9274, 56.6703, 67.6235

Rectangle

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



55.8924, 56.6703, 88.8815



61.9288, 56.6703, 73.3660



51.8841, 56.6703, 40.7224



46.5306, 56.6703, 51.3490

Sweetspot

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



55.8942, 56.6726, 88.8828



85.8444, 89.6148, 107.3806



65.0451, 77.3053, 84.7476



18.1686, 18.9486, 22.9498



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.



55.8942, 56.6726, 88.8828



60.0126, 60.1018, 103.0455



57.6427, 54.3138, 88.3353



15.1482, 15.7305, 19.9595



9.2409, 4.7060, 45.5492



0.8359, 0.5259, 3.8117

Inverse Universe

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



63.1097, 57.7506, 60.6465



69.9985, 61.7764, 63.9270



69.8844, 80.3784, 58.8466



15.8995, 15.8095, 17.0269



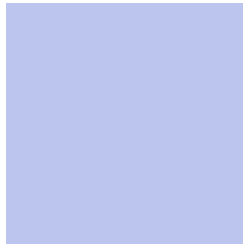
19.9900, 10.2684, 2.5979



1.6969, 0.8678, 0.3947

Previews

White Background



This preview shows how the XYZ color 55.8924, 56.6703, 88.8815 looks on a white background.

Color Contrast Check

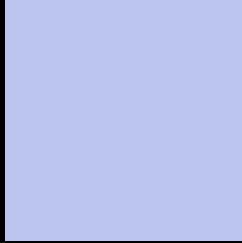
Large Text (above 18pt) WCAG AA × Fail

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 55.8924, 56.6703, 88.8815 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

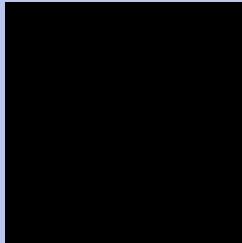
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 55.8924, 56.6703, 88.8815

Background



This preview shows how black text looks on a background with the XYZ color 55.8924, 56.6703, 88.8815.



This preview shows how white text looks on a background with the XYZ color 55.8924, 56.6703,

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

55.8924, 56.6703, 88.8815

Protanopia

56.1588, 56.4717, 88.8292

Deuteranopia

57.8977, 56.6859, 89.5513



Tritanopia

52.9395, 56.8503, 73.8286

Trichromacy



Original Color

55.8924, 56.6703, 88.8815

Protanomaly

55.9116, 56.3443, 88.8176

Deuteranomaly

57.0874, 56.5997, 89.5774

Tritanomaly

54.0120, 56.9351, 79.3770

Monochromacy



Original Color

55.8924, 56.6703, 88.8815

Achromatopsia

54.2854, 57.1125, 62.1955

Achromatomaly

54.7100, 56.7944, 71.0297

CSS Examples

Text

The CSS property to change the color of the text to XYZ 55.8924, 56.6703, 88.8815 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(187, 197, 238)` looks like.

```
.text, #text, p{  
    color:rgb(187, 197, 238)  
}
```

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(187, 197, 238) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(187, 197, 238) }
```

Border

The CSS property to change the border of an element to XYZ 55.8924, 56.6703, 88.8815 is called "border". The border property can be set on classes, ids or directly on the HTML element.

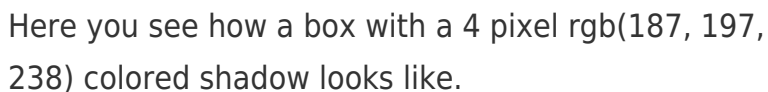
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(187, 197, 238) }
```


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

```
.border{ border-color:rgb(187, 197, 238) }
```

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



Here you see how a box with a 4 pixel `rgb(187, 197, 238)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(187, 197, 238); -webkit-box-shadow:4px 4px 4px 4px rgb(187, 197, 238); box-shadow:4px 4px 4px 4px rgb(187, 197, 238) }
```

Background

The CSS property to change the background color of an element to XYZ 55.8924, 56.6703, 88.8815 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(187, 197, 238) }
```

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

```
.background{ background-color: rgb(187,  
197, 238) }
```

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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