

Converting Colors

XYZ(55.8940, 52.9189, 89.0434)

Have a look what the booklet for
XYZ(55.8940, 52.9189, 89.0434)
contains.

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Color

**XYZ(55.6939, 52.6657,
88.8915)**

Conversions

Conversions Part 1

Format	Color
Hex	C4B9EF
RGB	196, 185, 239
RGB Percent	77%, 73%, 94%
CMY	0.2314, 0.2745, 0.0627
CMYK	0.18, 0.23, 0.00, 0.06
HSL	252°, 63%, 83%
HSV	252°, 23%, 94%
XYZ	55.6939, 52.6657, 88.8915
YIQ	194.4450, -10.7780, 19.1260

Conversions

Conversions Part 2

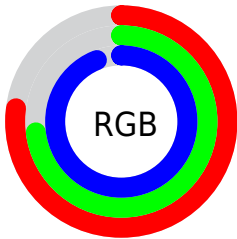
Format	Color
R _Y B	196, 185, 239
Decimal	12892655
CIE Lab	77.68, 14.62, -25.41
CIE LCh	78, 29.317, 299.914
Yxy	52.6657, 0.2824, 0.2670
Android (android.graphics.Color)	4291082735 (0xFFC4B9EF)
YUV	194.4450, 21.9656, 1.3637
Hunter-Lab	72.5711, 9.9883, -21.8238

Details

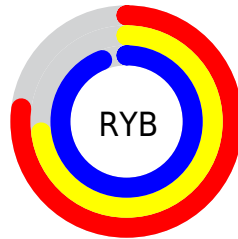
The XYZ color **55.6939, 52.6657, 88.8915** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **71.6201, 81.7311, 57.9022**, and the grayscale version is **51.4216, 54.0995, 58.9144**.

A 20% lighter version of the original color is **90.0133, 91.0132, 107.4308**, and **27.9538, 25.6722, 48.2817** is the 20% darker color. If you saturate the color by 10%, you get **46.4679, 41.1018, 87.1466**, and if you desaturate by 10%, it is **66.3916, 66.2384, 90.9483**.

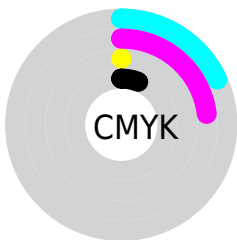
Distribution



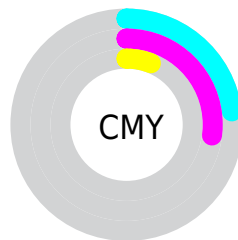
- Red (77%)
- Green (73%)
- Blue (94%)



- Red (77%)
- Yellow (73%)
- Blue (94%)



- Cyan (18%)
- Magenta (23%)
- Yellow (0%)
- Black (6%)



- Cyan (23%)
- Magenta (27%)
- Yellow (6%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 55.6939, 52.6657, 88.8915 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 55.6939, 52.6657, 88.8915 by changing the saturation by 10% instead.

■ 55.6939, 52.6657,
88.8915

■ 55.6939, 52.6657,
88.8915

398.6307,
397.0012, 544.8951

■ 40.1936, 37.5360,
66.4931

■ 97.6993, 94.1123,
147.7197

■ 27.8744, 25.6227,
48.2138

124.9351,
121.1979, 184.9866

■ 18.3710, 16.5416,
33.6350

156.8134,
153.0376, 228.0467

■ 11.3180, 9.9082,
22.3383

193.6997,
190.0158, 277.3187

■ 6.3500, 5.3381,
13.9050

235.9591,
232.5168, 333.2209

■ 3.1017, 2.4470,
7.9166

283.9572,

■ 1.2078, 0.8499,

280.9252, 396.1721

3.9546

338.0593,
335.6252, 466.5906

■ 0.1125, 0.0000,
1.6005

■ 0.0000, 0.0000,
0.2912

■ 55.6939, 52.6657,
88.8915

■ 55.6939, 52.6657,
88.8915

■ 46.4679, 41.1018,
87.1466

■ 66.3916, 66.2384,
90.9483

■ 38.6432, 31.4443,
85.6949

■ 78.6173, 81.9030,
93.3275

■ 32.1510, 23.5911,
84.5212

■ 91.8841, 98.6533,
95.8614

■ 26.9145, 17.4283,
83.6077

■ 92.5802, 99.0121,
95.8940

■ 22.8486, 12.8283,
82.9341

■ 19.8573, 9.6453,
82.4774

■ 17.8274, 7.7046,
82.2098

■ 16.8314, 6.8771,
82.1025

Harmonies

Analogous

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



50.0408, 52.6657, 94.5809



55.6939, 52.6657, 88.8915



60.0966, 52.6657, 74.4650

Triad

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



55.6939, 52.6657, 88.8915



55.7243, 52.6657, 34.3463



39.9264, 52.6657, 57.2973

Complementary

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



55.6939, 52.6657, 88.8915



71.6201, 81.7311, 57.9022

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.



41.2031, 52.6657, 43.0716



55.6939, 52.6657, 88.8915



50.0735, 52.6657, 31.4430

Square

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



55.6939, 52.6657, 88.8915



60.1150, 52.6657, 43.1386



44.8142, 52.6657, 34.3131



41.1888, 52.6657, 74.3687

Rectangle

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



55.6939, 52.6657, 88.8915



61.5775, 52.6657, 62.9880



44.8142, 52.6657, 34.3131



40.0715, 52.6657, 52.0476

Sweetspot

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



55.6956, 52.6679, 88.8927



84.5801, 86.5384, 106.8535



63.3877, 72.1448, 92.2467



17.9194, 18.2867, 22.8352



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.



55.6956, 52.6679, 88.8927



59.5063, 54.7043, 102.0304



63.3005, 56.5883, 89.2486



15.1980, 15.3838, 19.8900



9.3871, 3.8446, 45.3752



0.8600, 0.3606, 3.7785

Inverse Universe

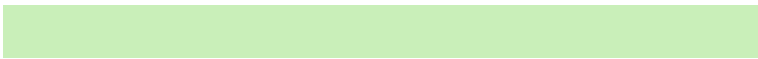
The Inverse Universe completely reimagines the original color for something new.



66.9509, 58.6522, 81.1933



74.7042, 62.7905, 91.3832



63.7663, 77.6823, 57.5347



16.3083, 15.9730, 19.1795



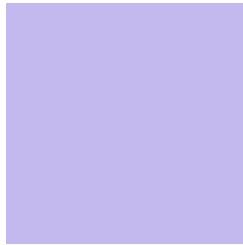
24.8757, 12.2227, 28.3257



2.1039, 1.0306, 2.5378

Previews

White Background



This preview shows how the XYZ color 55.6939, 52.6657, 88.8915 looks on a white background.

Color Contrast Check

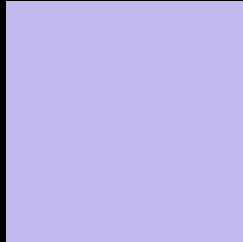
Large Text (above 18pt) WCAG AA × Fail

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 55.6939, 52.6657, 88.8915 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

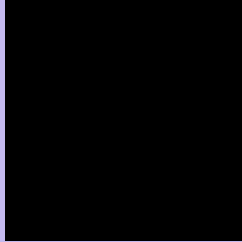
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 55.6939, 52.6657, 88.8915

Background



This preview shows how black text looks on a background with the XYZ color 55.6939, 52.6657, 88.8915.



This preview shows how white text looks on a background with the XYZ color 55.6939, 52.6657,

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

55.6939, 52.6657, 88.8915

Protanopia

53.0309, 52.8214, 91.4049

Deuteranopia

53.9094, 52.7043, 88.2205



Tritanopia

51.0066, 52.6650, 65.8695

Trichromacy



Original Color

55.6939, 52.6657, 88.8915

Protanomaly

53.8680, 52.6316, 90.5389

Deuteranomaly

54.4381, 52.6608, 88.1843

Tritanomaly

52.5907, 52.6636, 73.7229

Monochromacy



Original Color

55.6939, 52.6657, 88.8915

Achromatopsia

51.2775, 53.9479, 58.7493

Achromatomaly

52.7693, 53.5168, 68.5213

CSS Examples

Text

The CSS property to change the color of the text to XYZ 55.6939, 52.6657, 88.8915 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(196, 185, 239)` looks like.

```
.text, #text, p{  
    color:rgb(196, 185, 239)  
}
```

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(196, 185, 239) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(196, 185, 239) }
```

Border

The CSS property to change the border of an element to XYZ 55.6939, 52.6657, 88.8915 is called "border". The border property can be set on classes, ids or directly on the HTML element.

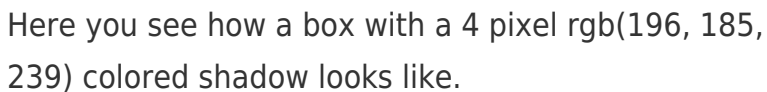
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(196, 185, 239) }
```


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

```
.border{ border-color:rgb(196, 185, 239) }
```

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



Here you see how a box with a 4 pixel `rgb(196, 185, 239)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(196, 185, 239); -webkit-box-  
shadow:4px 4px 4px 4px rgb(196, 185, 239);  
box-shadow:4px 4px 4px 4px rgb(196, 185,  
239) }
```

Background

The CSS property to change the background color of an element to XYZ 55.6939, 52.6657, 88.8915 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(196, 185, 239) }
```

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

```
.background{ background-color: rgb(196,  
185, 239) }
```

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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