

Converting Colors

XYZ(55.7398, 55.1257, 87.8239)

Have a look what the booklet for
XYZ(55.7398, 55.1257, 87.8239)
contains.

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Color

**XYZ(55.8419, 55.3307,
87.8575)**

Conversions

Conversions Part 1

Format	Color
Hex	BFC1ED
RGB	191, 193, 237
RGB Percent	75%, 76%, 93%
CMY	0.2510, 0.2431, 0.0706
CMYK	0.19, 0.19, 0.00, 0.07
HSL	237°, 56%, 84%
HSV	237°, 19%, 93%
XYZ	55.8419, 55.3307, 87.8575
YIQ	197.4180, -15.3160, 13.2600

Conversions

Conversions Part 2

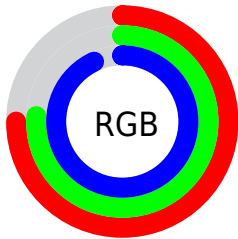
Format	Color
RYB	191, 193, 237
Decimal	12567021
CIELab	79.23, 8.29, -22.00
CIELCh	79, 23.514, 290.648
Yxy	55.3307, 0.2806, 0.2780
Android (android.graphics.Color)	4290757101 (0xFFBFC1ED)
YUV	197.4180, 19.5139, -5.6286
Hunter-Lab	74.3846, 3.8302, -17.9597

Details

The XYZ color **55.8419, 55.3307, 87.8575** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **74.0380, 81.1829, 61.0594**, and the grayscale version is **53.2173, 55.9887, 60.9717**.

A 20% lighter version of the original color is **90.6371, 94.9278, 108.1536**, and **28.0351, 27.4107, 47.5293** is the 20% darker color. If you saturate the color by 10%, you get **45.7242, 43.2383, 86.0576**, and if you desaturate by 10%, it is **67.6955, 69.4610, 89.9611**.

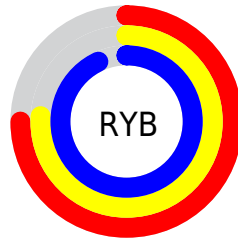
Distribution



Red (75%)

Green (76%)

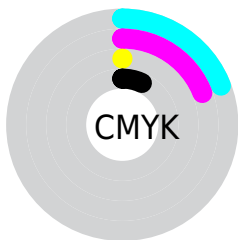
Blue (93%)



Red (75%)

Yellow (76%)

Blue (93%)

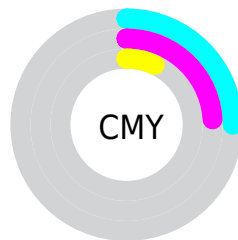


Cyan (19%)

Magenta (19%)

Yellow (0%)

Black (7%)



Cyan (25%)

Magenta (24%)

Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 55.8419, 55.3307, 87.8575 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 55.8419, 55.3307, 87.8575 by changing the saturation by 10% instead.

■ 55.8419, 55.3307,
87.8575

■ 55.8419, 55.3307,
87.8575

399.1801,
407.1643, 541.4257

■ 40.3127, 39.6666,
65.6414

□ 97.9145, 98.0253,
146.2681

■ 27.9677, 27.2787,
47.5267

125.1887,
125.8246, 183.2998

■ 18.4417, 17.7826,
33.0949

157.1085,
158.4377, 226.1070

■ 11.3691, 10.7940,
21.9274

194.0393,
196.2490, 275.1083

■ 6.3848, 5.9285,
13.6058

236.3465,
239.6429, 330.7223

■ 3.1233, 2.8017,
7.7114

284.3955,

■ 1.2193, 1.0291,

289.0038, 393.3675

3.8257

338.5516,
344.7161, 463.4624

■ 0.1215, 0.0000,
1.5302

■ 0.0000, 0.0000,
0.2403

■ 55.8419, 55.3307,
87.8575

■ 55.8419, 55.3307,
87.8575

■ 45.7242, 43.2383,
86.0576

■ 67.6955, 69.4610,
89.9611

■ 37.2562, 33.0833,
84.5438

■ 81.3557, 85.7098,
92.3774

■ 30.3517, 24.7672,
83.3025

■ 92.2862, 98.8945,
94.3462

■ 24.9151, 18.1797,
82.3176

■ 20.8401, 13.1992,
81.5710

■ 18.0060, 9.6879,
81.0426

■ 16.2709, 7.4850,
80.7089

■ 15.4311, 6.3782,
80.5395

■ 15.3982, 6.3384,
80.5335

Harmonies

Analogous

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



51.1351, 55.3307, 89.5641



55.8419, 55.3307, 87.8575



59.8929, 55.3307, 78.1936

Triad

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



55.8419, 55.3307, 87.8575



58.5316, 55.3307, 42.3656



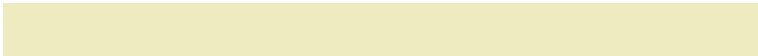
44.1671, 55.3307, 56.1367

Complementary

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



55.8419, 55.3307, 87.8575



74.0380, 81.1829, 61.0594

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.



45.9066, 55.3307, 45.2786



55.8419, 55.3307, 87.8575



54.0725, 55.3307, 38.1452

Square

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



55.8419, 55.3307, 87.8575



61.5089, 55.3307, 51.5718



49.4672, 55.3307, 39.1257



44.5782, 55.3307, 69.8415

Rectangle

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



55.8419, 55.3307, 87.8575



61.5865, 55.3307, 69.2363



49.4672, 55.3307, 39.1257



44.5156, 55.3307, 52.0692

Sweetspot

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



55.8436, 55.3330, 87.8587



85.1513, 88.2285, 107.1496



66.7233, 77.6267, 89.8379



18.0055, 18.6222, 22.8954



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.



55.8436, 55.3330, 87.8587



61.3070, 59.8045, 102.9199



60.9832, 57.3300, 87.9733



14.2838, 14.6540, 18.9979



8.4311, 3.5093, 43.9760



0.6806, 0.3127, 3.4594

Inverse Universe

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



63.1829, 59.1179, 58.5353



71.3564, 65.0169, 62.7618



68.0970, 78.9757, 60.9465



15.0920, 15.0647, 15.7699



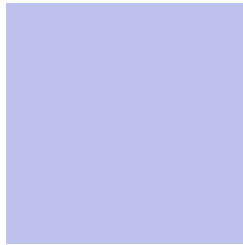
19.1109, 9.8471, 1.1196



1.5100, 0.7770, 0.1373

Previews

White Background



This preview shows how the XYZ color 55.8419, 55.3307, 87.8575 looks on a white background.

Color Contrast Check

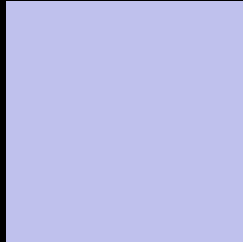
Large Text (above 18pt) WCAG AA × Fail

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 55.8419, 55.3307, 87.8575 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

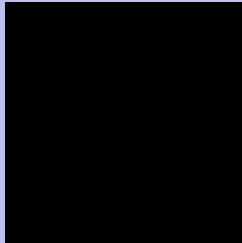
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 55.8419, 55.3307, 87.8575

Background



This preview shows how black text looks on a background with the XYZ color 55.8419, 55.3307, 87.8575.



This preview shows how white text looks on a background with the XYZ color 55.8419, 55.3307,

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

55.8419, 55.3307, 87.8575

Protanopia

54.9741, 55.1957, 88.6453

Deuteranopia

56.6414, 55.4158, 87.8318



Tritanopia

52.4700, 55.3014, 70.8596

Trichromacy



Original Color

55.8419, 55.3307, 87.8575

Protanomaly

55.4634, 55.4480, 88.6682

Deuteranomaly

56.3838, 55.2830, 87.8197

Tritanomaly

53.6638, 55.4451, 76.9808

Monochromacy



Original Color

55.8419, 55.3307, 87.8575

Achromatopsia

53.0703, 55.8340, 60.8033

Achromatomaly

54.1293, 55.8354, 70.2118

CSS Examples

Text

The CSS property to change the color of the text to XYZ 55.8419, 55.3307, 87.8575 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(191, 193, 237)` looks like.

```
.text, #text, p{  
    color:rgb(191, 193, 237)  
}
```

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(191, 193, 237) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(191, 193, 237) }
```

Border

The CSS property to change the border of an element to XYZ 55.8419, 55.3307, 87.8575 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(191, 193, 237) }
```


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

```
.border{ border-color:rgb(191, 193, 237) }
```

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

Here you see how a box with a 4 pixel `rgb(191, 193, 237)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(191, 193, 237); -webkit-box-  
shadow:4px 4px 4px 4px rgb(191, 193, 237);  
box-shadow:4px 4px 4px 4px rgb(191, 193,  
237) }
```

Background

The CSS property to change the background color of an element to XYZ 55.8419, 55.3307, 87.8575 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(191, 193, 237) }
```

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

```
.background{ background-color: rgb(191,  
193, 237) }
```

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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