

Converting Colors

XYZ(56.7891, 55.6536, 86.0437)

Have a look what the booklet for
XYZ(56.7891, 55.6536, 86.0437)
contains.

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Color

**XYZ(56.8710, 55.5677,
86.3255)**

Conversions

Conversions Part 1

Format	Color
Hex	C5C0EB
RGB	197, 192, 235
RGB Percent	77%, 75%, 92%
CMY	0.2274, 0.2470, 0.0784
CMYK	0.16, 0.18, 0.00, 0.08
HSL	247°, 52%, 84%
HSV	247°, 18%, 92%
XYZ	56.8710, 55.5677, 86.3255
YIQ	198.3970, -10.8230, 14.4330

Conversions

Conversions Part 2

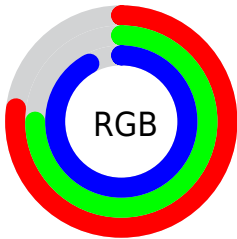
Format	Color
R_{YB}	197, 192, 235
Decimal	12959979
CIE _{Lab}	79.37, 10.26, -20.68
CIE _{LCh}	79, 23.088, 296.394
Yxy	55.5677, 0.2861, 0.2796
Android (android.graphics.Color)	4291150059 (0xFFC5C0EB)
YUV	198.3970, 18.0453, -1.2252
Hunter-Lab	74.5437, 5.7299, -16.4803

Details

The XYZ color **56.8710, 55.5677, 86.3255** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **71.8576, 80.0468, 61.5349**, and the grayscale version is **53.8177, 56.6204, 61.6596**.

A 20% lighter version of the original color is **92.4905, 95.4256, 108.1520**, and **28.6970, 27.5596, 46.4549** is the 20% darker color. If you saturate the color by 10%, you get **47.0489, 43.4474, 84.5046**, and if you desaturate by 10%, it is **68.2696, 69.7265, 88.4585**.

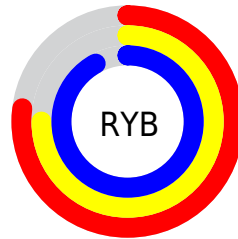
Distribution



Red (77%)

Green (75%)

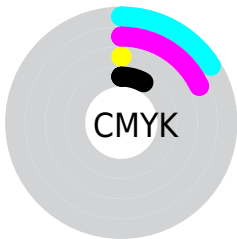
Blue (92%)



Red (77%)

Yellow (75%)

Blue (92%)

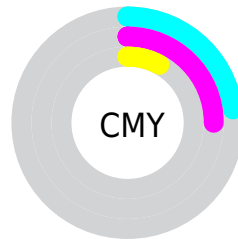


Cyan (16%)

Magenta (18%)

Yellow (0%)

Black (8%)



Cyan (23%)

Magenta (25%)

Yellow (8%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 56.8710, 55.5677, 86.3255 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 56.8710, 55.5677, 86.3255 by changing the saturation by 10% instead.

■ 56.8710, 55.5677,
86.3255

■ 56.8710, 55.5677,
86.3255

402.9878,
408.0603, 536.2624

■ 41.1414, 39.8564,
64.3807

■ 99.4094, 98.3722,
144.1142

■ 28.6178, 27.4266,
46.5110

126.9489,
126.2343, 180.7952

■ 18.9347, 17.8939,
32.2976

159.1557,
158.9154, 223.2254

■ 11.7268, 10.8738,
21.3222

196.3953,
196.7999, 271.8232

■ 6.6288, 5.9821,
13.1662

239.0329,
240.2723, 327.0073

■ 3.2753, 2.8342,
7.4110

287.4340,

■ 1.3010, 1.0458,

289.7168, 389.1962

3.6381

341.9638,
345.5181, 458.8084

■ 0.1840, 0.0000,
1.4290

■ 0.0000, 0.0000,
0.1642

■ 56.8710, 55.5677,
86.3255

■ 56.8710, 55.5677,
86.3255

■ 47.0489, 43.4474,
84.5046

■ 68.2696, 69.7265,
88.4585

■ 38.7287, 33.2650,
82.9777

■ 81.3045, 86.0044,
90.9135

■ 31.8374, 24.9216,
81.7305

■ 91.9956, 98.7782,
92.8156

■ 26.2938, 18.3070,
80.7459

■ 22.0086, 13.2989,
80.0051

■ 18.8814, 9.7590,
79.4867

■ 16.7961, 7.5255,
79.1655

■ 15.5998, 6.3742,
79.0063

■ 15.4560, 6.2356,
78.9871

Harmonies

Analogous

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



52.2576, 55.5677, 89.6708



56.8710, 55.5677, 86.3255



60.5793, 55.5677, 75.7349

Triad

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



56.8710, 55.5677, 86.3255



57.8957, 55.5677, 41.6627



44.4224, 55.5677, 58.9147

Complementary

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



56.8710, 55.5677, 86.3255



71.8576, 80.0468, 61.5349

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.



45.7450, 55.5677, 47.4652



56.8710, 55.5677, 86.3255



53.3772, 55.5677, 38.4657

Square

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



56.8710, 55.5677, 86.3255



61.1947, 55.5677, 49.8666



48.9574, 55.5677, 40.4250



45.2382, 55.5677, 72.5553

Rectangle

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



56.8710, 55.5677, 86.3255



61.9456, 55.5677, 66.6998



48.9574, 55.5677, 40.4250



44.6296, 55.5677, 54.7039

Sweetspot

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



56.8727, 55.5700, 86.3267



87.0919, 90.0584, 107.4005



65.2273, 74.1901, 89.4805



18.4106, 18.9884, 22.9447



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.



56.8727, 55.5700, 86.3267



63.7437, 61.0600, 103.0338



62.7005, 58.5743, 86.5995



14.3938, 14.6328, 18.9880



8.6559, 3.4982, 43.9620



0.7333, 0.3023, 3.4546

Inverse Universe

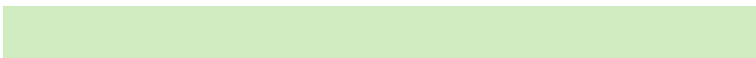
The Inverse Universe completely reimagines the original color for something new.



67.3952, 61.0768, 83.1020



78.6581, 68.8679, 98.3438



65.5755, 76.8083, 61.2409



15.6350, 15.2819, 18.6293



25.4133, 12.3680, 34.3072



2.0170, 0.9797, 2.8066

Previews

White Background



This preview shows how the XYZ color 56.8710, 55.5677, 86.3255 looks on a white background.

Color Contrast Check

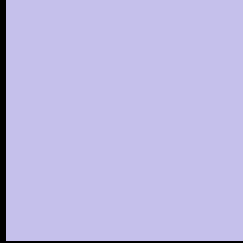
Large Text (above 18pt) WCAG AA × Fail

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 56.8710, 55.5677, 86.3255 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

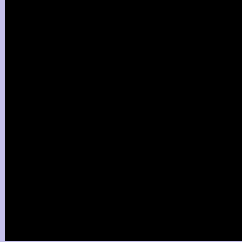
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 56.8710, 55.5677, 86.3255

Background



This preview shows how black text looks on a background with the XYZ color 56.8710, 55.5677, 86.3255.



This preview shows how white text looks on a background with the XYZ color 56.8710, 55.5677,

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

56.8710, 55.5677, 86.3255

Protanopia

55.2947, 55.7094, 87.9594

Deuteranopia

56.8710, 55.5677, 86.3255



Tritanopia

53.6159, 55.5708, 70.1877

Trichromacy



Original Color

56.8710, 55.5677, 86.3255

Protanomaly

55.9180, 55.7161, 87.1640

Deuteranomaly

56.8710, 55.5677, 86.3255

Tritanomaly

54.6815, 55.6669, 75.5729

Monochromacy



Original Color

56.8710, 55.5677, 86.3255

Achromatopsia

53.6758, 56.4712, 61.4971

Achromatomaly

54.7865, 56.1888, 69.5860

CSS Examples

Text

The CSS property to change the color of the text to XYZ 56.8710, 55.5677, 86.3255 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(197, 192, 235)` looks like.

```
.text, #text, p{  
    color:rgb(197, 192, 235)  
}
```

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(197, 192, 235) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(197, 192, 235) }
```

Border

The CSS property to change the border of an element to XYZ 56.8710, 55.5677, 86.3255 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(197, 192, 235) }
```


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

```
.border{ border-color:rgb(197, 192, 235) }
```

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

Here you see how a box with a 4 pixel `rgb(197, 192, 235)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(197, 192, 235); -webkit-box-  
shadow:4px 4px 4px 4px rgb(197, 192, 235);  
box-shadow:4px 4px 4px 4px rgb(197, 192,  
235) }
```

Background

The CSS property to change the background color of an element to XYZ 56.8710, 55.5677, 86.3255 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(197, 192, 235) }
```

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

```
.background{ background-color: rgb(197,  
192, 235) }
```

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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