

Converting Colors

XYZ(55.1513, 55.9496, 96.9080)

Have a look what the booklet for
XYZ(55.1513, 55.9496, 96.9080)
contains.

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Color

**XYZ(55.2696, 56.1748,
96.7367)**

Conversions

Conversions Part 1

Format	Color
Hex	B2C5F8
RGB	178, 197, 248
RGB Percent	70%, 77%, 97%
CMY	0.3019, 0.2274, 0.0274
CMYK	0.28, 0.21, 0.00, 0.03
HSL	224°, 83%, 84%
HSV	224°, 28%, 97%
XYZ	55.2696, 56.1748, 96.7367
YIQ	197.1330, -27.6950, 11.8330

Conversions

Conversions Part 2

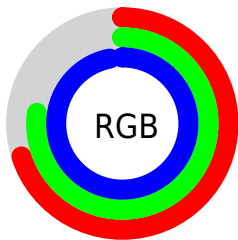
Format	Color
R _Y B	178, 193, 248
Decimal	11716088
CIE Lab	79.71, 4.78, -27.25
CIE LCh	80, 27.661, 279.949
Yxy	56.1748, 0.2655, 0.2698
Android (android.graphics.Color)	4289906168 (0xFFB2C5F8)
YUV	197.1330, 25.0774, -16.7796
Hunter-Lab	74.9498, 0.4674, -24.0599

Details

The XYZ color **55.2696, 56.1748, 96.7367** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **74.7674, 79.2099, 53.4695**, and the grayscale version is **53.0180, 55.7791, 60.7434**.

A 20% lighter version of the original color is **87.7528, 95.7658, 108.4673**, and **27.5386, 27.6916, 53.1838** is the 20% darker color. If you saturate the color by 10%, you get **46.2259, 45.7839, 95.2087**, and if you desaturate by 10%, it is **65.8373, 68.0839, 98.4794**.

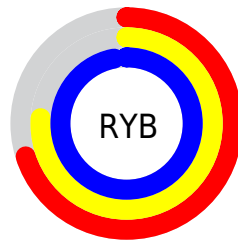
Distribution



Red (70%)

Green (77%)

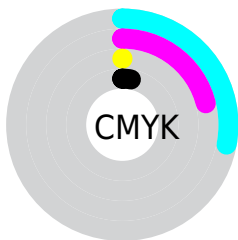
Blue (97%)



Red (70%)

Yellow (76%)

Blue (97%)

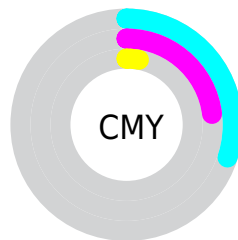


Cyan (28%)

Magenta (21%)

Yellow (0%)

Black (3%)



Cyan (30%)

Magenta (23%)

Yellow (3%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 55.2696, 56.1748, 96.7367 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 55.2696, 56.1748, 96.7367 by changing the saturation by 10% instead.

■ 55.2696, 56.1748,
96.7367

■ 55.2696, 56.1748,
96.7367

397.0529,
410.3499, 570.8358

■ 39.8523, 40.3431,
72.9764

■ 97.0819, 99.2601,
158.6779

■ 27.6071, 27.8061,
53.4650

124.2076,
127.2825, 197.6959

■ 18.1686, 18.1796,
37.7838

155.9668,
160.1372, 242.6369

■ 11.1716, 11.0790,
25.5144

192.7248,
198.2087, 293.9195

■ 6.2505, 6.1200,
16.2382

234.8471,
241.8813, 351.9621

■ 3.0401, 2.9182,
9.5367

282.6990,

■ 1.1750, 1.0892,

291.5395, 417.1833

4.9913

336.6458,
347.5675, 490.0017

■ 0.0865, 0.0000,
2.1835

■ 0.0000, 0.0000,
0.6648

■ 55.2696, 56.1748,
96.7367

■ 55.2696, 56.1748,
96.7367

■ 46.2259, 45.7839,
95.2087

■ 65.8373, 68.0839,
98.4794

■ 38.6280, 36.8414,
93.8830

■ 77.9913, 81.5638,
100.4407

■ 32.3987, 29.2815,
92.7522

■ 91.7969, 96.6729,
102.6294

■ 27.4512, 23.0305,
91.8064

■ 93.9435, 99.5574,
103.0730

■ 23.6876, 18.0070,
91.0351

■ 20.9947, 14.1191,
90.4266

■ 19.2218, 11.2523,
89.9667

■ 18.9697, 10.8298,
89.8984

Harmonies

Analogous

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



49.7944, 56.1748, 94.8465



55.2696, 56.1748, 96.7367



60.5896, 56.1748, 87.9036

Triad

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



55.2696, 56.1748, 96.7367



62.0560, 56.1748, 43.4645



43.9259, 56.1748, 51.2140

Complementary

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



55.2696, 56.1748, 96.7367



74.7674, 79.2099, 53.4695

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.



46.7891, 56.1748, 40.4859



55.2696, 56.1748, 96.7367



57.1599, 56.1748, 36.5823

Square

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



55.2696, 56.1748, 96.7367



64.6845, 56.1748, 56.0030



51.5583, 56.1748, 35.5963



43.4975, 56.1748, 66.6344

Rectangle

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



55.2696, 56.1748, 96.7367



63.2384, 56.1748, 77.8961



51.5583, 56.1748, 35.5963



44.6255, 56.1748, 47.0192

Sweetspot

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



55.2714, 56.1770, 96.7380



83.3796, 87.2153, 107.0474



65.9555, 82.2116, 85.9136



17.4041, 18.1799, 22.8417



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.



55.2714, 56.1770, 96.7380



53.0757, 53.2045, 102.0798



54.9000, 49.9791, 95.5613



16.6664, 17.4095, 21.8673



10.3463, 6.0482, 48.5957



1.0422, 0.7281, 4.5288

Inverse Universe

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



64.7113, 55.8301, 60.1913



64.7942, 53.1746, 56.6218



75.1543, 87.6458, 55.0774



17.4381, 17.3026, 18.8969



21.5144, 11.0215, 4.1511



2.0350, 1.0377, 0.6076

Previews

White Background



This preview shows how the XYZ color 55.2696, 56.1748, 96.7367 looks on a white background.

Color Contrast Check

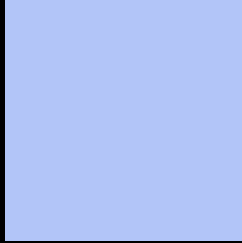
Large Text (above 18pt) WCAG AA × Fail

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 55.2696, 56.1748, 96.7367 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

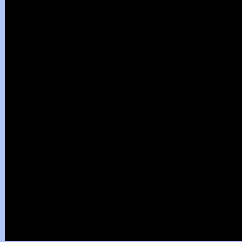
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 55.2696, 56.1748, 96.7367

Background



This preview shows how black text looks on a background with the XYZ color 55.2696, 56.1748, 96.7367.



This preview shows how white text looks on a background with the XYZ color 55.2696, 56.1748,

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

55.2696, 56.1748, 96.7367

Protanopia

56.3112, 56.0599, 95.8484

Deuteranopia

57.4041, 55.9266, 97.3919



Tritanopia

50.7887, 56.0737, 74.4761

Trichromacy



Original Color

55.2696, 56.1748, 96.7367

Protanomaly

55.8198, 56.1403, 95.8898

Deuteranomaly

56.6404, 55.8622, 97.4198

Tritanomaly

52.2527, 55.9644, 82.1769

Monochromacy



Original Color

55.2696, 56.1748, 96.7367

Achromatopsia

53.0703, 55.8340, 60.8033

Achromatomaly

53.5961, 55.8375, 72.9186

CSS Examples

Text

The CSS property to change the color of the text to XYZ 55.2696, 56.1748, 96.7367 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(178, 197, 248)` looks like.

```
.text, #text, p{  
    color:rgb(178, 197, 248)  
}
```

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(178, 197, 248) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(178, 197, 248) }
```

Border

The CSS property to change the border of an element to XYZ 55.2696, 56.1748, 96.7367 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(178, 197, 248) }
```


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

```
.border{ border-color:rgb(178, 197, 248) }
```

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

Here you see how a box with a 4 pixel `rgb(178, 197, 248)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(178, 197, 248); -webkit-box-  
shadow:4px 4px 4px 4px rgb(178, 197, 248);  
box-shadow:4px 4px 4px 4px rgb(178, 197,  
248) }
```

Background

The CSS property to change the background color of an element to XYZ 55.2696, 56.1748, 96.7367 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(178, 197, 248) }
```

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

```
.background{ background-color: rgb(178,  
197, 248) }
```

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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