

Converting Colors

XYZ(56.6104, 56.8482, 98.3507)

Have a look what the booklet for
XYZ(56.6104, 56.8482, 98.3507)
contains.

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Color

**XYZ(56.5130, 56.7797,
98.4235)**

Conversions

Conversions Part 1

Format	Color
Hex	B6C5FA
RGB	182, 197, 250
RGB Percent	71%, 77%, 98%
CMY	0.2863, 0.2274, 0.0196
CMYK	0.27, 0.21, 0.00, 0.02
HSL	227°, 87%, 85%
HSV	227°, 27%, 98%
XYZ	56.5130, 56.7797, 98.4235
YIQ	198.5570, -25.9530, 13.3030

Conversions

Conversions Part 2

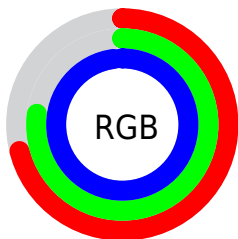
Format	Color
R _Y B	182, 194, 250
Decimal	11978234
CIE Lab	80.06, 6.41, -27.77
CIE LCh	80, 28.496, 283.000
Yxy	56.7797, 0.2669, 0.2682
Android (android.graphics.Color)	4290168314 (0xFFB6C5FA)
YUV	198.5570, 25.3614, -14.5205
Hunter-Lab	75.3523, 2.0056, -24.6967

Details

The XYZ color **56.5130, 56.7797, 98.4235** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **77.5771, 83.1188, 56.2126**, and the grayscale version is **53.8786, 56.6845, 61.7294**.

A 20% lighter version of the original color is **89.0884, 96.4543, 108.5298**, and **28.3502, 28.0844, 54.3787** is the 20% darker color. If you saturate the color by 10%, you get **46.9856, 45.7203, 96.7919**, and if you desaturate by 10%, it is **67.6699, 69.5307, 100.2976**.

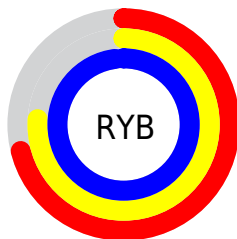
Distribution



Red (71%)

Green (77%)

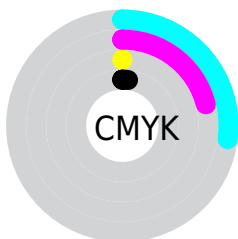
Blue (98%)



Red (71%)

Yellow (76%)

Blue (98%)

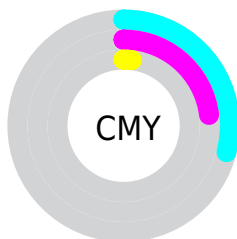


Cyan (27%)

Magenta (21%)

Yellow (0%)

Black (2%)



Cyan (29%)

Magenta (23%)

Yellow (2%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 56.5130, 56.7797, 98.4235 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 56.5130, 56.7797, 98.4235 by changing the saturation by 10% instead.

■ 56.5130, 56.7797,
98.4235

■ 56.5130, 56.7797,
98.4235

401.6657,
412.6233, 576.3298

■ 40.8530, 40.8284,
74.3751

■ 98.8897, 100.1437,
161.0220

■ 28.3914, 28.1850,
54.6024

126.3371,
128.3251, 200.4090

■ 18.7629, 18.4652,
38.6871

158.4444,
161.3521, 245.7461

■ 11.6020, 11.2845,
26.2104

195.5768,
199.6089, 297.4517

■ 6.5436, 6.2585,
16.7539

238.0998,
243.4801, 355.9443

■ 3.2221, 3.0029,
9.8991

286.3787,

■ 1.2723, 1.1332,

293.3500, 421.6425

5.2274

340.7789,
349.6029, 494.9648

■ 0.1623, 0.0061,
2.3202

■ 0.0000, 0.0000,
0.7425

■ 56.5130, 56.7797,
98.4235

■ 56.5130, 56.7797,
98.4235

■ 46.9856, 45.7203,
96.7919

■ 67.6699, 69.5307,
100.2976

■ 39.0043, 36.2732,
95.3891

■ 80.5233, 84.0345,
102.4197

■ 32.4867, 28.3630,
94.2058

■ 94.2555, 99.6822,
104.7162

■ 27.3398, 21.9050,
93.2306

■ 23.4599, 16.8059,
92.4508

■ 20.7268, 12.9604,
91.8526

■ 18.9911, 10.2432,
91.4196

■ 18.6289, 9.6489,
91.3240

Harmonies

Analogous

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



50.7745, 56.7797, 97.6394



56.5130, 56.7797, 98.4235



61.9293, 56.7797, 88.2238

Triad

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



56.5130, 56.7797, 98.4235



62.5342, 56.7797, 42.5130



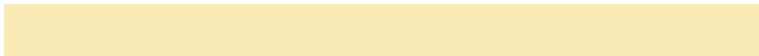
43.9971, 56.7797, 52.9542

Complementary

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



56.5130, 56.7797, 98.4235



77.5771, 83.1188, 56.2126

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.



46.7190, 56.7797, 41.2974



56.5130, 56.7797, 98.4235



57.2914, 56.7797, 36.0511

Square

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



56.5130, 56.7797, 98.4235



65.5694, 56.7797, 54.9190



51.4994, 56.7797, 35.6501



43.8217, 56.7797, 69.2836

Rectangle

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



56.5130, 56.7797, 98.4235



64.5173, 56.7797, 77.4732



51.4994, 56.7797, 35.6501



44.6352, 56.7797, 48.4373

Sweetspot

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



56.5148, 56.7820, 98.4248



83.0749, 86.6059, 106.9458



68.3489, 84.2657, 90.6062



17.3279, 18.0274, 22.8163



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.



56.5148, 56.7820, 98.4248



53.0986, 52.4345, 101.9300



57.8399, 52.6576, 97.5589



16.5935, 17.2638, 21.8430



9.9676, 5.2907, 48.4694



0.9981, 0.6399, 4.5141

Inverse Universe

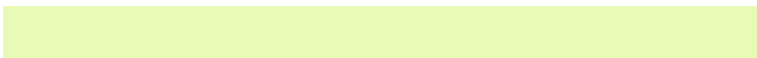
The Inverse Universe completely reimagines the original color for something new.



66.2319, 57.8129, 60.4938



65.0049, 54.0213, 55.3809



75.8658, 88.8833, 57.4154



17.4013, 17.2879, 18.7033



21.3232, 10.9450, 3.1445



2.0127, 1.0288, 0.4904

Previews

White Background



This preview shows how the XYZ color 56.5130, 56.7797, 98.4235 looks on a white background.

Color Contrast Check

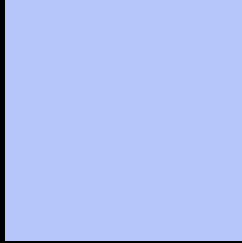
Large Text (above 18pt) WCAG AA × Fail

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 56.5130, 56.7797, 98.4235 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

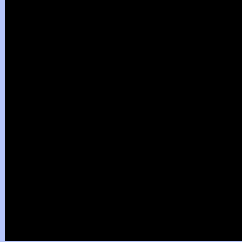
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 56.5130, 56.7797, 98.4235

Background



This preview shows how black text looks on a background with the XYZ color 56.5130, 56.7797, 98.4235.



This preview shows how white text looks on a background with the XYZ color 56.5130, 56.7797,

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

56.5130, 56.7797, 98.4235

Protanopia

56.8464, 56.6337, 97.5578

Deuteranopia

57.9396, 56.4958, 99.1178



Tritanopia

52.0466, 57.0565, 75.2877

Trichromacy



Original Color

56.5130, 56.7797, 98.4235

Protanomaly

56.6060, 56.5098, 97.5466

Deuteranomaly

57.4212, 56.5600, 99.1575

Tritanomaly

53.5297, 56.9514, 83.0343

Monochromacy



Original Color

56.5130, 56.7797, 98.4235

Achromatopsia

54.2854, 57.1125, 62.1955

Achromatomaly

54.8413, 56.7876, 74.4003

CSS Examples

Text

The CSS property to change the color of the text to XYZ 56.5130, 56.7797, 98.4235 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(182, 197, 250)` looks like.

```
.text, #text, p{  
    color:rgb(182, 197, 250)  
}
```

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(182, 197, 250) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(182, 197, 250) }
```

Border

The CSS property to change the border of an element to XYZ 56.5130, 56.7797, 98.4235 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(182, 197, 250) }
```


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

```
.border{ border-color:rgb(182, 197, 250) }
```

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

Here you see how a box with a 4 pixel `rgb(182, 197, 250)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(182, 197, 250); -webkit-box-  
shadow:4px 4px 4px 4px rgb(182, 197, 250);  
box-shadow:4px 4px 4px 4px rgb(182, 197,  
250) }
```

Background

The CSS property to change the background color of an element to XYZ 56.5130, 56.7797, 98.4235 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(182, 197, 250) }
```

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

```
.background{ background-color: rgb(182,  
197, 250) }
```

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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