

Converting Colors

XYZ(56.5948, 56.4073,
100.3746)

Have a look what the booklet for
XYZ(56.5948, 56.4073, 100.3746)
contains.

XYZ(56.6020, 56.4532, 100.0088)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(56.6020, 56.4532,
100.0088)**

Conversions

Conversions Part 1

Format	Color
Hex	B6C4FC
RGB	182, 196, 252
RGB Percent	71%, 77%, 99%
CMY	0.2863, 0.2314, 0.0118
CMYK	0.28, 0.22, 0.00, 0.01
HSL	228°, 92%, 85%
HSV	228°, 28%, 99%
XYZ	56.6020, 56.4532, 100.0088
YIQ	198.1980, -26.3200, 14.4480

Conversions

Conversions Part 2

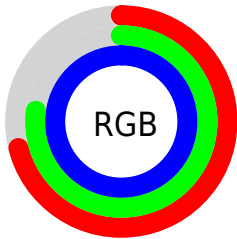
Format	Color
R _Y B	182, 194, 252
Decimal	11977980
CIE Lab	79.87, 7.43, -29.12
CIE LCh	80, 30.049, 284.307
Yxy	56.4532, 0.2657, 0.2650
Android (android.graphics.Color)	4290168060 (0xFFB6C4FC)
YUV	198.1980, 26.5244, -14.2056
Hunter-Lab	75.1353, 2.9832, -26.3231

Details

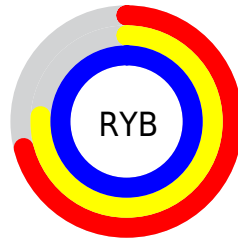
The XYZ color **56.6020, 56.4532, 100.0088** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **79.1638, 85.2225, 56.5349**, and the grayscale version is **53.6536, 56.4477, 61.4716**.

A 20% lighter version of the original color is **88.7719, 95.8213, 108.4243**, and **28.4254, 27.8753, 55.5121** is the 20% darker color. If you saturate the color by 10%, you get **46.9319, 45.1663, 98.3408**, and if you desaturate by 10%, it is **67.9576, 69.5187, 101.9331**.

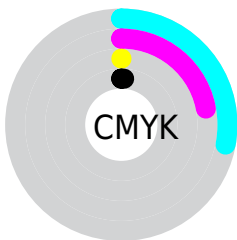
Distribution



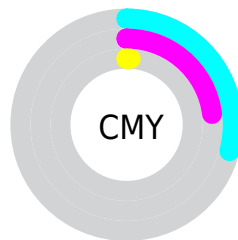
- Red (71%)
- Green (77%)
- Blue (99%)



- Red (71%)
- Yellow (76%)
- Blue (99%)



- Cyan (28%)
- Magenta (22%)
- Yellow (0%)
- Black (1%)



- Cyan (29%)
- Magenta (23%)
- Yellow (1%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 56.6020, 56.4532, 100.0088 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 56.6020, 56.4532, 100.0088 by changing the saturation by 10% instead.

■ 56.6020, 56.4532,
100.0088

■ 56.6020, 56.4532,
100.0088

401.9946,
411.3972, 581.4678

■ 40.9247, 40.5664,
75.6910

■ 99.0189, 99.6669,
163.2213

■ 28.4476, 27.9804,
55.6740

126.4893,
127.7626, 202.9530

■ 18.8055, 18.3109,
39.5394

158.6213,
160.6967, 248.6597

■ 11.6330, 11.1734,
26.8685

195.7804,
198.8536, 300.7600

■ 6.5647, 6.1836,
17.2429

238.3319,
242.6177, 359.6724

■ 3.2353, 2.9570,
10.2441

286.6412,

■ 1.2794, 1.1093,

292.3734, 425.8155

5.4534

341.0737,
348.5051, 499.6078

■ 0.1677, 0.0000,
2.4523

■ 0.0000, 0.0000,
0.8147

■ 56.6020, 56.4532,
100.0088

■ 56.6020, 56.4532,
100.0088

■ 46.9319, 45.1663,
98.3408

■ 67.9576, 69.5187,
101.9331

■ 38.8602, 35.5731,
96.9146

■ 81.0693, 84.4290,
104.1201

■ 32.3001, 27.5920,
95.7198

94.5709, 99.8084,
106.3770

■ 27.1541, 21.1316,
94.7441

■ 23.3126, 16.0907,
93.9736

■ 20.6492, 12.3550,
93.3929

■ 19.0018, 9.7861,
92.9838

■ 18.7288, 9.3443,
92.9130

Harmonies

Analogous

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



50.5530, 56.4532, 99.7189



56.6020, 56.4532, 100.0088



62.2555, 56.4532, 88.7129

Triad

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



56.6020, 56.4532, 100.0088



62.4767, 56.4532, 40.8996



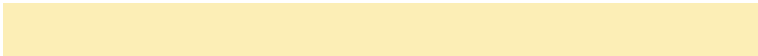
43.1587, 56.4532, 52.8394

Complementary

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



56.6020, 56.4532, 100.0088



79.1638, 85.2225, 56.5349

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.



45.8892, 56.4532, 40.4644



56.6020, 56.4532, 100.0088



56.8857, 56.4532, 34.5135

Square

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



56.6020, 56.4532, 100.0088



65.8171, 56.4532, 53.5502



50.8161, 56.4532, 34.3709



43.0954, 56.4532, 70.1300

Rectangle

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



56.6020, 56.4532, 100.0088



64.9113, 56.4532, 77.1770



50.8161, 56.4532, 34.3709



43.7852, 56.4532, 48.0498

Sweetspot

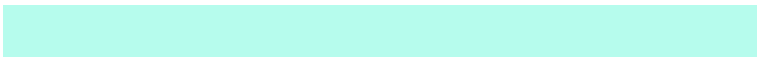
The Sweet Spot groups the original color and five complimentary colors.



56.6038, 56.4554, 100.0101



82.9520, 86.3601, 106.9049



69.3649, 85.6718, 92.8748



17.2972, 17.9659, 22.8061



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.



56.6038, 56.4554, 100.0101



52.7271, 51.6915, 101.8062



58.6122, 53.0192, 99.2410



16.5641, 17.2051, 21.8332



9.8377, 5.0310, 48.4261



0.9821, 0.6079, 4.5088

Inverse Universe

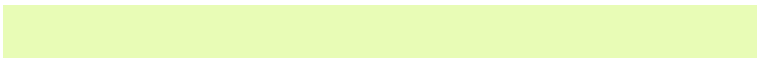
The Inverse Universe completely reimagines the original color for something new.



66.8382, 58.1386, 59.9260



64.8174, 53.9463, 54.3935



76.5880, 90.1831, 57.6281



17.3865, 17.2820, 18.6252



21.2576, 10.9188, 2.7992



2.0046, 1.0256, 0.4479

Previews

White Background



This preview shows how the XYZ color 56.6020, 56.4532, 100.0088 looks on a white background.

Color Contrast Check

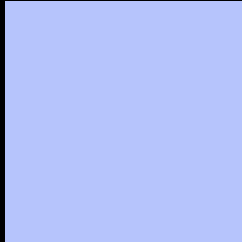
Large Text (above 18pt) WCAG AA × Fail

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 56.6020, 56.4532, 100.0088 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

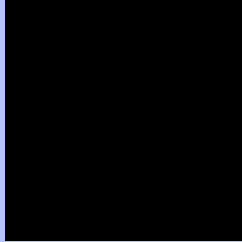
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 56.6020, 56.4532, 100.0088

Background



This preview shows how black text looks on a background with the XYZ color 56.6020, 56.4532, 100.0088.



This preview shows how white text looks on a background with the XYZ color 56.6020, 56.4532,

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

56.6020, 56.4532, 100.0088

Protanopia

57.0778, 56.6985, 100.0310

Deuteranopia

57.6015, 56.3032, 99.9271



Tritanopia

51.4546, 56.4170, 74.5073

Trichromacy



Original Color

56.6020, 56.4532, 100.0088

Protanomaly

56.8391, 56.5754, 100.0199

Deuteranomaly

57.3355, 56.4976, 99.9787

Tritanomaly

53.2973, 56.4867, 82.9569

Monochromacy



Original Color

56.6020, 56.4532, 100.0088

Achromatopsia

53.6758, 56.4712, 61.4971

Achromatomaly

54.3594, 56.2009, 74.3125

CSS Examples

Text

The CSS property to change the color of the text to XYZ 56.6020, 56.4532, 100.0088 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, 196, 252)` looks like.

```
.text, #text, p{  
    color:rgb(182, 196, 252)  
}
```

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, 196, 252) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(182, 196, 252) }
```

Border

The CSS property to change the border of an element to XYZ 56.6020, 56.4532, 100.0088 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, 196, 252) }
```


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

```
.border{ border-color:rgb(182, 196, 252) }
```

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

Here you see how a box with a 4 pixel `rgb(182, 196, 252)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(182, 196, 252); -webkit-box-  
shadow:4px 4px 4px 4px rgb(182, 196, 252);  
box-shadow:4px 4px 4px 4px rgb(182, 196,  
252) }
```

Background

The CSS property to change the background color of an element to XYZ 56.6020, 56.4532, 100.0088 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(182, 196, 252) }
```

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

```
.background{ background-color: rgb(182,  
196, 252) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor