

Converting Colors

XYZ(56.3164, 54.9284,
102.9809)

Have a look what the booklet for
XYZ(56.3164, 54.9284, 102.9809)
contains.

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Color

**XYZ(56.1910, 54.8644,
102.2360)**

Conversions

Conversions Part 1

Format	Color
Hex	B6C0FF
RGB	182, 192, 255
RGB Percent	71%, 75%, 100%
CMY	0.2863, 0.2470, 0.0000
CMYK	0.29, 0.25, 0.00, 0.00
HSL	232°, 100%, 86%
HSV	232°, 29%, 100%
XYZ	56.1910, 54.8644, 102.2360
YIQ	196.1920, -26.1830, 17.4730

Conversions

Conversions Part 2

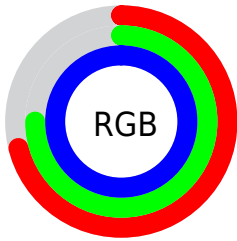
Format	Color
RYB	182, 191, 255
Decimal	11976959
CIELab	78.96, 10.32, -32.11
CIELCh	79, 33.732, 287.813
Yxy	54.8644, 0.2634, 0.2572
Android (android.graphics.Color)	4290167039 (0xFFB6C0FF)
YUV	196.1920, 28.9923, -12.4464
Hunter-Lab	74.0705, 5.7894, -29.9858

Details

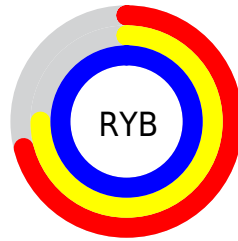
The XYZ color **56.1910, 54.8644, 102.2360** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **82.3359, 89.9418, 57.2786**, and the grayscale version is **52.4287, 55.1591, 60.0682**.

A 20% lighter version of the original color is **87.2140, 92.7055, 107.9050**, and **28.1781, 27.0545, 57.1630** is the 20% darker color. If you saturate the color by 10%, you get **46.2321, 43.0868, 100.4876**, and if you desaturate by 10%, it is **67.9721, 68.6564, 104.2772**.

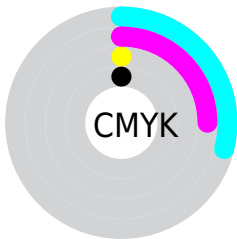
Distribution



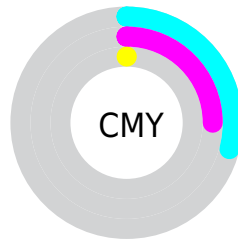
- Red (71%)
- Green (75%)
- Blue (100%)



- Red (71%)
- Yellow (75%)
- Blue (100%)



- Cyan (29%)
- Magenta (25%)
- Yellow (0%)
- Black (0%)



- Cyan (29%)
- Magenta (25%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 56.1910, 54.8644, 102.2360 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 56.1910, 54.8644, 102.2360 by changing the saturation by 10% instead.

■ 56.1910, 54.8644,
102.2360

■ 56.1910, 54.8644,
102.2360

400.4743,
405.3977, 588.6457

■ 40.5937, 39.2932,
77.5420

■ 98.4220, 97.3423,
166.3052

■ 28.1880, 26.9879,
57.1836

125.7863,
125.0177, 206.5174

■ 18.6086, 17.5641,
40.7423

157.8038,
157.4966, 252.7395

■ 11.4901, 10.6375,
27.7996

194.8396,
195.1634, 305.3898

■ 6.4672, 5.8236,
17.9369

237.2592,
238.4025, 364.8871

■ 3.1746, 2.7381,
10.7357

285.4280,

■ 1.2467, 0.9966,

287.5984, 431.6498

5.7775

339.7112,
343.1353, 506.0965

■ 0.1428, 0.0000,
2.6437

■ 0.0000, 0.0000,
0.9149

■ 56.1910, 54.8644,
102.2360

■ 56.1910, 54.8644,
102.2360

■ 46.2321, 43.0868,
100.4876

■ 67.9721, 68.6564,
104.2772

■ 37.9991, 33.2226,
99.0176

■ 81.6555, 84.5447,
106.6228

■ 31.3939, 25.1717,
97.8117

95.0500, 100.0000,
108.9000

■ 26.3067, 18.8219,
96.8542

■ 22.6137, 14.0487,
96.1275

■ 20.1708, 10.7094,
95.6117

■ 18.7857, 8.6262,
95.2827

■ 18.6492, 8.4183,
95.2497

Harmonies

Analogous

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



49.4724, 54.8644, 103.5837



56.1910, 54.8644, 102.2360



62.2946, 54.8644, 88.1222

Triad

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



56.1910, 54.8644, 102.2360



61.2928, 54.8644, 36.3441



40.5332, 54.8644, 52.2775

Complementary

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



56.1910, 54.8644, 102.2360



82.3359, 89.9418, 57.2786

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.



43.1659, 54.8644, 38.2150



56.1910, 54.8644, 102.2360



54.9162, 54.8644, 30.4279

Square

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



56.1910, 54.8644, 102.2360



65.4093, 54.8644, 49.1402



48.3018, 54.8644, 31.0300



40.8107, 54.8644, 71.7595

Rectangle

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



56.1910, 54.8644, 102.2360



65.0186, 54.8644, 74.7941



48.3018, 54.8644, 31.0300



41.0972, 54.8644, 46.8515

Sweetspot

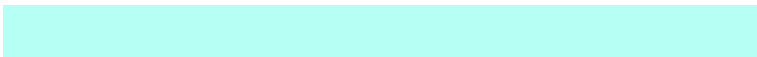
The Sweet Spot groups the original color and five complimentary colors.



56.1926, 54.8665, 102.2364



81.1089, 83.9121, 106.5295



71.3889, 88.0002, 98.8513



16.9108, 17.4398, 22.7249



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.



56.1926, 54.8665, 102.2364



50.6197, 48.2924, 101.2612



60.6652, 54.0222, 101.8377



17.2037, 17.7789, 22.7749



9.8054, 4.5204, 49.7903



1.0131, 0.5569, 4.8674

Inverse Universe

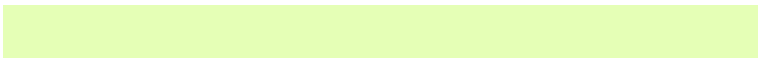
The Inverse Universe completely reimagines the original color for something new.



67.4834, 58.5231, 57.6108



63.5545, 52.6787, 50.0937



76.6610, 91.6298, 57.9035



18.1107, 18.0276, 19.2001



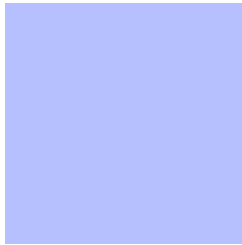
21.7375, 11.1843, 2.0023



2.1460, 1.1008, 0.3502

Previews

White Background



This preview shows how the XYZ color 56.1910, 54.8644, 102.2360 looks on a white background.

Color Contrast Check

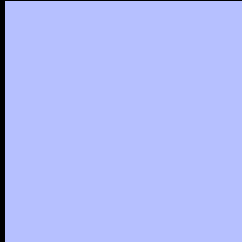
Large Text (above 18pt) WCAG AA × Fail

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 56.1910, 54.8644, 102.2360 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

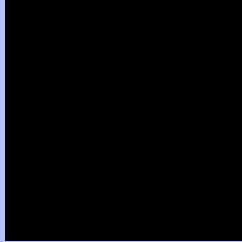
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 56.1910, 54.8644, 102.2360

Background



This preview shows how black text looks on a background with the XYZ color 56.1910, 54.8644, 102.2360.



This preview shows how white text looks on a background with the XYZ color 56.1910, 54.8644,

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

56.1910, 54.8644, 102.2360

Protanopia

55.7104, 54.9436, 102.2767

Deuteranopia

56.1910, 54.8644, 102.2360



Tritanopia

50.1447, 54.7518, 72.2152

Trichromacy



Original Color

56.1910, 54.8644, 102.2360

Protanomaly

55.9424, 55.0632, 102.2875

Deuteranomaly

56.1910, 54.8644, 102.2360

Tritanomaly

52.1543, 54.5401, 82.6414

Monochromacy



Original Color

56.1910, 54.8644, 102.2360

Achromatopsia

52.4687, 55.2011, 60.1140

Achromatomaly

53.5253, 55.1163, 73.4631

CSS Examples

Text

The CSS property to change the color of the text to XYZ 56.1910, 54.8644, 102.2360 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, 192, 255)` looks like.

```
.text, #text, p{  
    color:rgb(182, 192, 255)  
}
```

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, 192, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(182, 192, 255) }
```

Border

The CSS property to change the border of an element to XYZ 56.1910, 54.8644, 102.2360 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, 192, 255) }
```


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

```
.border{ border-color:rgb(182, 192, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(182, 192, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(182, 192, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(182, 192, 255);  
box-shadow:4px 4px 4px 4px rgb(182, 192,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 56.1910, 54.8644, 102.2360 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(182, 192, 255) }
```

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

```
.background{ background-color: rgb(182,  
192, 255) }
```

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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