

Converting Colors

XYZ(58.3005, 56.2416,
102.3907)

Have a look what the booklet for
XYZ(58.3005, 56.2416, 102.3907)
contains.

XYZ(58.3552, 56.3071, 102.4004)	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(58.3552, 56.3071,
102.4004)**

Conversions

Conversions Part 1

Format	Color
Hex	BEC1FF
RGB	190, 193, 255
RGB Percent	75%, 76%, 100%
CMY	0.2549, 0.2431, 0.0000
CMYK	0.25, 0.24, 0.00, 0.00
HSL	237°, 100%, 87%
HSV	237°, 25%, 100%
XYZ	58.3552, 56.3071, 102.4004
YIQ	199.1710, -21.6900, 18.6460

Conversions

Conversions Part 2

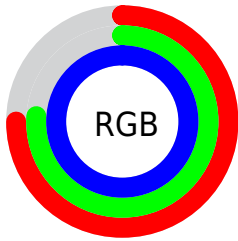
Format	Color
RYB	190, 193, 255
Decimal	12501503
CIELab	79.79, 12.08, -30.80
CIELCh	80, 33.082, 291.420
Yxy	56.3071, 0.2688, 0.2594
Android (android.graphics.Color)	4290691583 (0xFFBEC1FF)
YUV	199.1710, 27.5237, -8.0430
Hunter-Lab	75.0381, 7.4983, -28.3832

Details

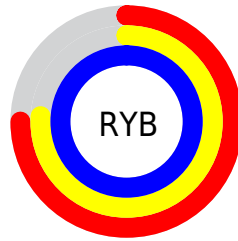
The XYZ color **58.3552, 56.3071, 102.4004** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **85.3448, 94.5982, 62.4782**, and the grayscale version is **54.2385, 57.0632, 62.1418**.

A 20% lighter version of the original color is **90.2835, 94.7455, 108.1370**, and **29.5628, 27.9843, 57.2695** is the 20% darker color. If you saturate the color by 10%, you get **47.5927, 43.4237, 100.4809**, and if you desaturate by 10%, it is **71.1195, 71.5377, 104.6675**.

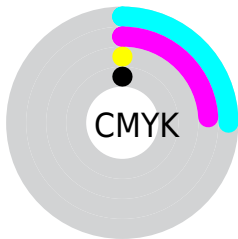
Distribution



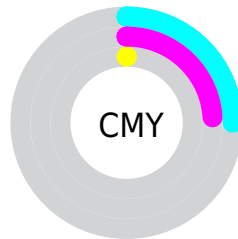
- Red (75%)
- Green (76%)
- Blue (100%)



- Red (75%)
- Yellow (76%)
- Blue (100%)



- Cyan (25%)
- Magenta (24%)
- Yellow (0%)
- Black (0%)



- Cyan (25%)
- Magenta (24%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 58.3552, 56.3071, 102.4004 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 58.3552, 56.3071, 102.4004 by changing the saturation by 10% instead.

■ 58.3552, 56.3071,
102.4004

■ 58.3552, 56.3071,
102.4004

408.4407,
410.8478, 589.1737

■ 42.3386, 40.4492,
77.6787

■ 101.5599, 99.4534,
166.5326

■ 29.5588, 27.8890,
57.2952

129.4788,
127.5107, 206.7801

■ 19.6504, 18.2420,
40.8314

162.0958,
160.4032, 253.0400

■ 12.2479, 11.1238,
27.8686

199.7764,
198.5152, 305.7308

■ 6.9862, 6.1502,
17.9885

242.8858,
242.2314, 365.2710

■ 3.4997, 2.9366,
10.7724

291.7894,

■ 1.4232, 1.0987,

291.9359, 432.0792

5.8017

346.8526,
348.0133, 506.5740

■ 0.2727, 0.0000,
2.6581

■ 0.0000, 0.0000,
0.9222

■ 58.3552, 56.3071,
102.4004

■ 58.3552, 56.3071,
102.4004

■ 47.5927, 43.4237,
100.4809

■ 71.1195, 71.5377,
104.6675

■ 38.7257, 32.7646,
98.8909

■ 85.9746, 89.2171,
107.2970

■ 31.6458, 24.2057,
97.6120

95.0500, 100.0000,
108.9000

■ 26.2316, 17.6084,
96.6239

■ 22.3465, 12.8168,
95.9038

■ 19.8323, 9.6518,
95.4255

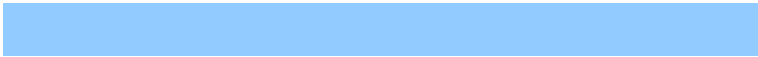
■ 18.4961, 7.8973,
95.1572

■ 18.1787, 7.4775,
95.0929

Harmonies

Analogous

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



51.6218, 56.3071, 105.4318



58.3552, 56.3071, 102.4004



64.2180, 56.3071, 87.2738

Triad

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



58.3552, 56.3071, 102.4004



61.9481, 56.3071, 36.7819



41.7789, 56.3071, 55.9750

Complementary

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



58.3552, 56.3071, 102.4004



85.3448, 94.5982, 62.4782

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.



44.0783, 56.3071, 41.0839



58.3552, 56.3071, 102.4004



55.4605, 56.3071, 31.6177

Square

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



58.3552, 56.3071, 102.4004



66.4096, 56.3071, 48.8140



48.9562, 56.3071, 33.0090



42.4134, 56.3071, 75.7724

Rectangle

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



58.3552, 56.3071, 102.4004



66.6618, 56.3071, 73.8132



48.9562, 56.3071, 33.0090



42.2269, 56.3071, 50.3030

Sweetspot

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



58.3569, 56.3093, 102.4008



82.0427, 84.5416, 106.6018



74.5271, 89.4800, 105.2314



17.0703, 17.5121, 22.7304



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.



58.3569, 56.3093, 102.4008



52.1837, 48.9253, 101.3009



65.7534, 59.1475, 102.5588



17.0703, 17.5121, 22.7304



9.5274, 3.9643, 49.6976



0.9503, 0.4312, 4.8464

Inverse Universe

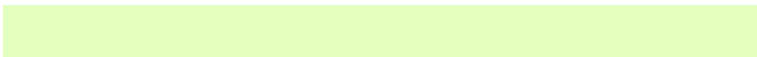
The Inverse Universe completely reimagines the original color for something new.



69.2803, 61.9388, 58.7583



64.9530, 55.5701, 50.2691



76.3408, 91.3664, 62.3290



18.0434, 18.0007, 18.8455



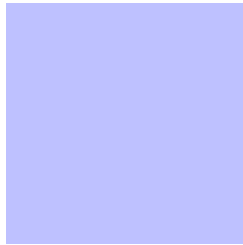
21.5972, 11.1282, 1.2632



2.1143, 1.0881, 0.1831

Previews

White Background



This preview shows how the XYZ color 58.3552, 56.3071, 102.4004 looks on a white background.

Color Contrast Check

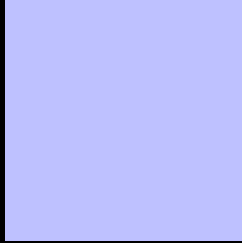
Large Text (above 18pt) WCAG AA × Fail

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 58.3552, 56.3071, 102.4004 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

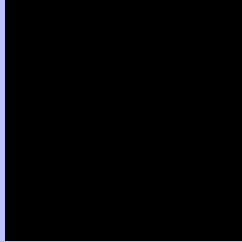
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 58.3552, 56.3071, 102.4004

Background



This preview shows how black text looks on a background with the XYZ color 58.3552, 56.3071, 102.4004.

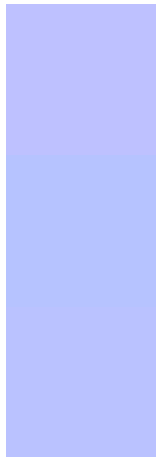


This preview shows how white text looks on a background with the XYZ color 58.3552, 56.3071,

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

58.3552, 56.3071, 102.4004

Protanopia

56.8565, 56.1953, 102.4579

Deuteranopia

57.5915, 56.2427, 102.4283



Tritanopia

52.3404, 56.2115, 73.0570

Trichromacy



Original Color

58.3552, 56.3071, 102.4004

Protanomaly

57.3494, 56.1179, 102.4169

Deuteranomaly

57.8353, 56.3684, 102.4397

Tritanomaly

54.2568, 55.9600, 82.8046

Monochromacy



Original Color

58.3552, 56.3071, 102.4004

Achromatopsia

54.2854, 57.1125, 62.1955

Achromatomaly

55.5174, 56.7827, 75.0519

CSS Examples

Text

The CSS property to change the color of the text to XYZ 58.3552, 56.3071, 102.4004 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(190, 193, 255)` looks like.

```
.text, #text, p{  
    color:rgb(190, 193, 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(190, 193, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(190, 193, 255) }
```

Border

The CSS property to change the border of an element to XYZ 58.3552, 56.3071, 102.4004 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(190, 193, 255) }
```


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

```
.border{ border-color:rgb(190, 193, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(190, 193, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(190, 193, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(190, 193, 255);  
box-shadow:4px 4px 4px 4px rgb(190, 193,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 58.3552, 56.3071, 102.4004 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(190, 193, 255) }
```

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

```
.background{ background-color: rgb(190,  
193, 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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