

Converting Colors

XYZ(59.9755, 57.1626,
110.5851)

Have a look what the booklet for
XYZ(59.9755, 57.1626, 110.5851)
contains.

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Color

**XYZ(58.5770, 56.7507,
102.4744)**

Conversions

Conversions Part 1

Format	Color
Hex	BEC2FF
RGB	190, 194, 255
RGB Percent	75%, 76%, 100%
CMY	0.2549, 0.2392, 0.0000
CMYK	0.25, 0.24, 0.00, 0.00
HSL	236°, 100%, 87%
HSV	236°, 25%, 100%
XYZ	58.5770, 56.7507, 102.4744
YIQ	199.7580, -21.9650, 18.1230

Conversions

Conversions Part 2

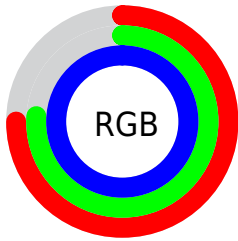
Format	Color
R_{YB}	190, 194, 255
Decimal	12501759
CIE _{Lab}	80.04, 11.54, -30.41
CIE _{LCh}	80, 32.527, 290.776
Yxy	56.7507, 0.2689, 0.2606
Android (android.graphics.Color)	4290691839 (0xFFBEC2FF)
YUV	199.7580, 27.2343, -8.5578
Hunter-Lab	75.3331, 6.9640, -27.9181

Details

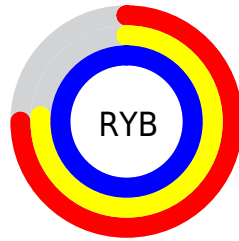
The XYZ color **58.5770, 56.7507, 102.4744** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **85.0316, 93.9718, 62.3738**, and the grayscale version is **54.5999, 57.4433, 62.5558**.

A 20% lighter version of the original color is **90.5934, 95.3654, 108.2403**, and **29.7096, 28.2779, 57.3184** is the 20% darker color. If you saturate the color by 10%, you get **47.8524, 43.9432, 100.5675**, and if you desaturate by 10%, it is **71.2767, 71.8521, 104.7199**.

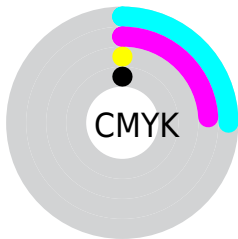
Distribution



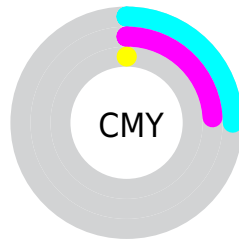
- Red (75%)
- Green (76%)
- Blue (100%)



- 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 58.5770, 56.7507, 102.4744 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 58.5770, 56.7507, 102.4744 by changing the saturation by 10% instead.

■ 58.5770, 56.7507,
102.4744

■ 58.5770, 56.7507,
102.4744

409.2518,
412.5145, 589.4113

■ 42.5178, 40.8051,
77.7403

□ 101.8808,
100.1013, 166.6349

■ 29.6998, 28.1668,
57.3454

129.8560,
128.2752, 206.8983

■ 19.7578, 18.4515,
40.8714

162.5340,
161.2939, 253.1752

■ 12.3263, 11.2746,
27.8997

200.2800,
199.5419, 305.8842

■ 7.0401, 6.2518,
18.0117

243.4594,
243.4036, 365.4438

■ 3.5338, 2.9988,
10.7888

292.4376,

■ 1.4419, 1.1311,

293.2633, 432.2724

5.8127

347.5800,
349.5055, 506.7888

■ 0.2858, 0.0043,
2.6646

■ 0.0000, 0.0000,
0.9255

■ 58.5770, 56.7507,
102.4744

■ 58.5770, 56.7507,
102.4744

■ 47.8524, 43.9432,
100.5675

■ 71.2767, 71.8521,
104.7199

■ 38.9990, 33.3112,
98.9820

■ 86.0386, 89.3451,
107.3184

■ 31.9107, 24.7355,
97.7003

95.0500, 100.0000,
108.9000

■ 26.4689, 18.0832,
96.7031

■ 22.5406, 13.2052,
95.9686

■ 19.9718, 9.9308,
95.4719

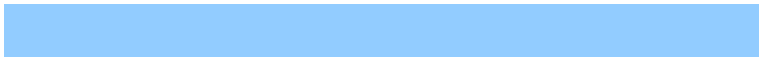
■ 18.5751, 8.0554,
95.1836

■ 18.2308, 7.5816,
95.1103

Harmonies

Analogous

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



51.9274, 56.7507, 105.1555



58.5770, 56.7507, 102.4744



64.4017, 56.7507, 87.7973

Triad

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



58.5770, 56.7507, 102.4744



62.3862, 56.7507, 37.6571



42.3375, 56.7507, 56.1370

Complementary

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



58.5770, 56.7507, 102.4744



85.0316, 93.9718, 62.3738

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.



44.6772, 56.7507, 41.5070



58.5770, 56.7507, 102.4744



56.0036, 56.7507, 32.3670

Square

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



58.5770, 56.7507, 102.4744



66.7227, 56.7507, 49.7539



49.5541, 56.7507, 33.6155



42.9037, 56.7507, 75.6300

Rectangle

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



58.5770, 56.7507, 102.4744



66.8586, 56.7507, 74.5737



49.5541, 56.7507, 33.6155



42.8026, 56.7507, 50.5609

Sweetspot

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



58.5787, 56.7529, 102.4747



82.1329, 84.7220, 106.6318



74.3561, 89.4116, 104.3309



17.0927, 17.5571, 22.7379



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.



58.5787, 56.7529, 102.4747



52.4296, 49.4171, 101.3829



65.4280, 58.9797, 102.5435



17.0927, 17.5571, 22.7379



9.5602, 4.0301, 49.7086



0.9609, 0.4525, 4.8500

Inverse Universe

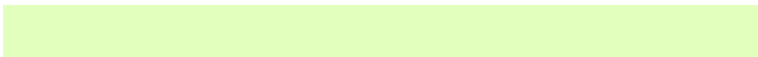
The Inverse Universe completely reimagines the original color for something new.



69.3922, 61.9835, 59.3479



65.0771, 55.6197, 50.9227



76.6811, 91.5419, 62.3449



18.0547, 18.0052, 18.9052



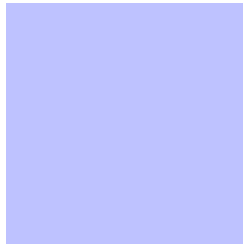
21.6138, 11.1348, 1.3506



2.1196, 1.0902, 0.2114

Previews

White Background



This preview shows how the XYZ color 58.5770, 56.7507, 102.4744 looks on a white background.

Color Contrast Check

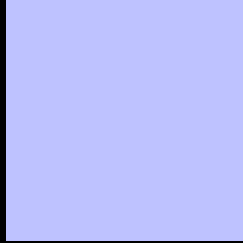
Large Text (above 18pt) WCAG AA × Fail

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 58.5770, 56.7507, 102.4744 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

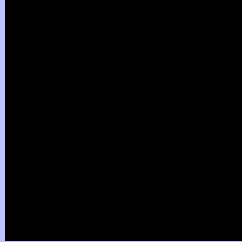
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 58.5770, 56.7507, 102.4744

Background



This preview shows how black text looks on a background with the XYZ color 58.5770, 56.7507, 102.4744.

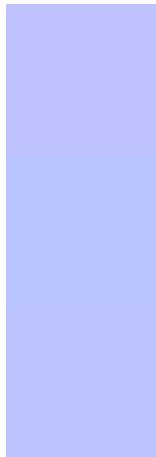


This preview shows how white text looks on a background with the XYZ color 58.5770, 56.7507,

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

58.5770, 56.7507, 102.4744

Protanopia

57.3184, 56.7671, 102.5439

Deuteranopia

58.3041, 56.9416, 102.5256



Tritanopia

52.7024, 56.7281, 73.8175

Trichromacy



Original Color

58.5770, 56.7507, 102.4744

Protanomaly

57.8148, 56.6893, 102.5027

Deuteranomaly

58.5514, 57.0690, 102.5372

Tritanomaly

54.6255, 56.4720, 83.6224

Monochromacy



Original Color

58.5770, 56.7507, 102.4744

Achromatopsia

54.8990, 57.7580, 62.8985

Achromatomaly

55.8773, 57.2912, 75.8234

CSS Examples

Text

The CSS property to change the color of the text to XYZ 58.5770, 56.7507, 102.4744 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, 194, 255)` looks like.

```
.text, #text, p{  
    color:rgb(190, 194, 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, 194, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(190, 194, 255) }
```

Border

The CSS property to change the border of an element to XYZ 58.5770, 56.7507, 102.4744 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, 194, 255) }
```


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

```
.border{ border-color:rgb(190, 194, 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, 194, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(190, 194, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(190, 194, 255);  
box-shadow:4px 4px 4px 4px rgb(190, 194,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 58.5770, 56.7507, 102.4744 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(190, 194, 255) }
```

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

```
.background{ background-color: rgb(190,  
194, 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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