

Converting Colors

XYZ(56.9244, 57.5430,
102.7144)

Have a look what the booklet for
XYZ(56.9244, 57.5430, 102.7144)
contains.

XYZ(57.0638, 57.6506, 102.7278)	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(57.0638, 57.6506,
102.7278)**

Conversions

Conversions Part 1

Format	Color
Hex	B3C7FF
RGB	179, 199, 255
RGB Percent	70%, 78%, 100%
CMY	0.2980, 0.2196, 0.0000
CMYK	0.30, 0.22, 0.00, 0.00
HSL	224°, 100%, 85%
HSV	224°, 30%, 100%
XYZ	57.0638, 57.6506, 102.7278
YIQ	199.4040, -29.8960, 13.1760

Conversions

Conversions Part 2

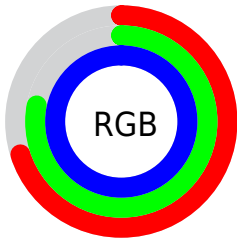
Format	Color
R_{YB}	179, 195, 255
Decimal	11782143
CIE Lab	80.54, 5.67, -29.70
CIE LCh	81, 30.238, 280.799
Yxy	57.6506, 0.2624, 0.2651
Android (android.graphics.Color)	4289972223 (0xFFB3C7FF)
YUV	199.4040, 27.4088, -17.8943
Hunter-Lab	75.9280, 1.2780, -27.0676

Details

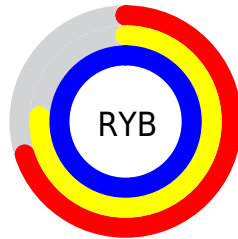
The XYZ color **57.0638, 57.6506, 102.7278** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **79.0851, 83.9310, 54.6816**, and the grayscale version is **54.3854, 57.2176, 62.3100**.

A 20% lighter version of the original color is **88.4021, 96.5729, 108.5889**, and **28.6306, 28.6131, 57.4400** is the 20% darker color. If you saturate the color by 10%, you get **47.6468, 46.7708, 101.1242**, and if you desaturate by 10%, it is **68.1077, 70.1641, 104.5611**.

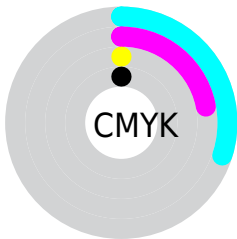
Distribution



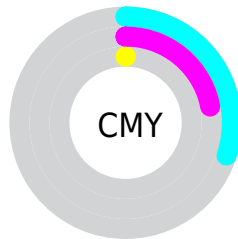
- Red (70%)
- Green (78%)
- Blue (100%)



- Red (70%)
- Yellow (76%)
- Blue (100%)



- Cyan (30%)
- Magenta (22%)
- Yellow (0%)
- Black (0%)



- Cyan (30%)
- Magenta (22%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 57.0638, 57.6506, 102.7278 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 57.0638, 57.6506, 102.7278 by changing the saturation by 10% instead.

■ 57.0638, 57.6506,
102.7278

■ 57.0638, 57.6506,
102.7278

403.6987,
415.8827, 590.2245

■ 41.2968, 41.5278,
77.9510

■ 99.6891, 101.4139,
166.9853

■ 28.7398, 28.7317,
57.5176

127.2781,
129.8232, 207.3030

■ 19.0273, 18.8780,
41.0088

159.5385,
163.0967, 253.6382

■ 11.7942, 11.5821,
28.0062

196.8356,
201.6190, 306.4094

■ 6.6749, 6.4598,
18.0912

239.5349,
245.7743, 366.0351

■ 3.3041, 3.1267,
10.8454

288.0015,

■ 1.3166, 1.1982,

295.9471, 432.9338

5.8501

342.6010,
352.5218, 507.5241

■ 0.1956, 0.0602,
2.6868

■ 0.0000, 0.0000,
0.9368

■ 57.0638, 57.6506,
102.7278

■ 57.0638, 57.6506,
102.7278

■ 47.6468, 46.7708,
101.1242

■ 68.1077, 70.1641,
104.5611

■ 39.7721, 37.4484,
99.7398

■ 80.8474, 84.3700,
106.6317

■ 33.3548, 29.6105,
98.5651

95.0500, 100.0000,
108.9000

■ 28.2995, 23.1753,
97.5895

■ 24.4984, 18.0522,
96.8010

■ 21.8255, 14.1385,
96.1864

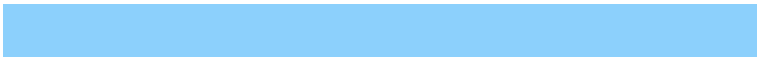
■ 20.0922, 11.2951,
95.7289

■ 20.0638, 11.2475,
95.7213

Harmonies

Analogous

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



50.9598, 57.6506, 100.9368



57.0638, 57.6506, 102.7278



62.9764, 57.6506, 92.3926

Triad

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



57.0638, 57.6506, 102.7278



64.3440, 57.6506, 42.9675



44.2712, 57.6506, 52.1797

Complementary

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



57.0638, 57.6506, 102.7278



79.0851, 83.9310, 54.6816

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.



47.3550, 57.6506, 40.2732



57.0638, 57.6506, 102.7278



58.8182, 57.6506, 35.6910

Square

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



57.0638, 57.6506, 102.7278



67.3859, 57.6506, 56.5778



52.5875, 57.6506, 34.8080



43.8794, 57.6506, 69.4019

Rectangle

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



57.0638, 57.6506, 102.7278



65.8973, 57.6506, 80.9843



52.5875, 57.6506, 34.8080



45.0158, 57.6506, 47.5174

Sweetspot

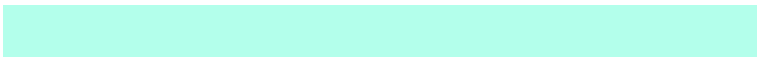
The Sweet Spot groups the original color and five complimentary colors.



57.0655, 57.6528, 102.7282



81.9457, 85.5857, 106.8084



69.3082, 87.0869, 91.5526



17.1154, 17.8490, 22.7931



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.



57.0655, 57.6528, 102.7282



51.0420, 50.7212, 101.7077



57.1276, 51.2962, 101.4979



17.3917, 18.1550, 22.8376



10.5864, 6.0824, 50.0506



1.1153, 0.7614, 4.9014

Inverse Universe

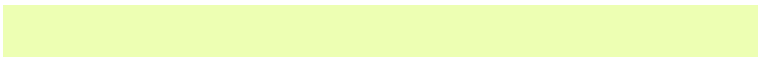
The Inverse Universe completely reimagines the original color for something new.



67.6700, 57.6252, 61.5915



63.3810, 51.1288, 53.7443



78.9114, 92.8254, 56.4075



18.2056, 18.0656, 19.6999



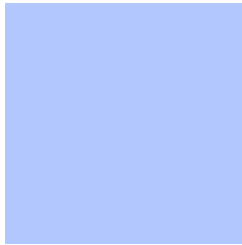
22.1317, 11.3420, 4.0782



2.1976, 1.1214, 0.6219

Previews

White Background



This preview shows how the XYZ color 57.0638, 57.6506, 102.7278 looks on a white background.

Color Contrast Check

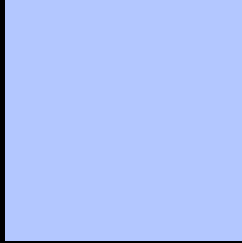
Large Text (above 18pt) WCAG AA × Fail

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 57.0638, 57.6506, 102.7278 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

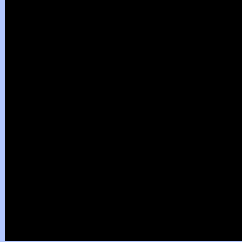
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 57.0638, 57.6506, 102.7278

Background



This preview shows how black text looks on a background with the XYZ color 57.0638, 57.6506, 102.7278.



This preview shows how white text looks on a background with the XYZ color 57.0638, 57.6506,

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

57.0638, 57.6506, 102.7278

Protanopia

57.8632, 57.4025, 101.7960

Deuteranopia

58.7762, 57.5187, 102.6121



Tritanopia

51.8957, 57.6538, 76.7997

Trichromacy



Original Color

57.0638, 57.6506, 102.7278

Protanomaly

57.6119, 57.6112, 101.8495

Deuteranomaly

58.0238, 57.4668, 102.6418

Tritanomaly

53.7431, 57.7090, 85.3972

Monochromacy



Original Color

57.0638, 57.6506, 102.7278

Achromatopsia

54.2854, 57.1125, 62.1955

Achromatomaly

54.9478, 57.1678, 75.1563

CSS Examples

Text

The CSS property to change the color of the text to XYZ 57.0638, 57.6506, 102.7278 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(179, 199, 255)` looks like.

```
.text, #text, p{  
    color:rgb(179, 199, 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(179, 199, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(179, 199, 255) }
```

Border

The CSS property to change the border of an element to XYZ 57.0638, 57.6506, 102.7278 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(179, 199, 255) }
```


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

```
.border{ border-color:rgb(179, 199, 255) }
```

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

Here you see how a box with a 4 pixel rgb(179, 199, 255) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(179, 199, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(179, 199, 255);  
box-shadow:4px 4px 4px 4px rgb(179, 199,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 57.0638, 57.6506, 102.7278 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(179, 199, 255) }
```

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

```
.background{ background-color: rgb(179,  
199, 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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