

Converting Colors

XYZ(74.4120, 62.2562,
193.7416)

Have a look what the booklet for
XYZ(74.4120, 62.2562, 193.7416)
contains.

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Color

**XYZ(57.1493, 55.3584,
102.2809)**

Conversions

Conversions Part 1

Format	Color
Hex	BAC0FF
RGB	186, 192, 255
RGB Percent	73%, 75%, 100%
CMY	0.2706, 0.2470, 0.0000
CMYK	0.27, 0.25, 0.00, 0.00
HSL	235°, 100%, 86%
HSV	235°, 27%, 100%
XYZ	57.1493, 55.3584, 102.2809
YIQ	197.3880, -23.7990, 18.3210

Conversions

Conversions Part 2

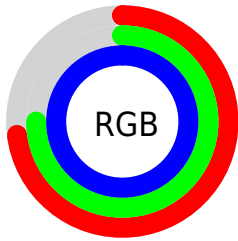
Format	Color
RYB	186, 192, 255
Decimal	12239103
CIELab	79.25, 11.47, -31.65
CIELCh	79, 33.666, 289.912
Yxy	55.3584, 0.2661, 0.2577
Android (android.graphics.Color)	4290429183 (0xFFBAC0FF)
YUV	197.3880, 28.4027, -9.9873
Hunter-Lab	74.4032, 6.9006, -29.4227

Details

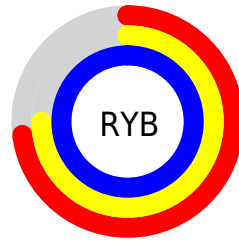
The XYZ color **57.1493, 55.3584, 102.2809** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **83.9786, 92.5560, 59.8950**, and the grayscale version is **53.1507, 55.9187, 60.8955**.

A 20% lighter version of the original color is **88.5795, 93.4095, 107.9689**, and **28.7857, 27.3677, 57.1914** is the 20% darker color. If you saturate the color by 10%, you get **46.7843, 43.0181, 100.4453**, and if you desaturate by 10%, it is **69.4317, 69.8900, 104.4384**.

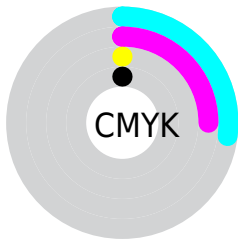
Distribution



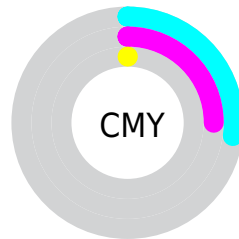
- Red (73%)
- Green (75%)
- Blue (100%)



- Red (73%)
- Yellow (75%)
- Blue (100%)



- Cyan (27%)
- Magenta (25%)
- Yellow (0%)
- Black (0%)



- Cyan (27%)
- Magenta (25%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 57.1493, 55.3584, 102.2809 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 57.1493, 55.3584, 102.2809 by changing the saturation by 10% instead.

■ 57.1493, 55.3584,
102.2809

■ 57.1493, 55.3584,
102.2809

404.0137,
407.2691, 588.7900

■ 41.3657, 39.6887,
77.5793

■ 99.8131, 98.0659,
166.3673

■ 28.7939, 27.2959,
57.2141

127.4240,
125.8725, 206.5892

■ 19.0685, 17.7956,
40.7666

159.7082,
158.4935, 252.8215

■ 11.8241, 10.8033,
27.8184

197.0308,
196.3134, 305.4830

■ 6.6953, 5.9348,
17.9510

239.7573,
239.7165, 364.9920

■ 3.3169, 2.8054,
10.7457

288.2530,

■ 1.3235, 1.0310,

289.0872, 431.7671

5.7841

342.8834,
344.8099, 506.2269

■ 0.2007, 0.0000,
2.6476

■ 0.0000, 0.0000,
0.9169

■ 57.1493, 55.3584,
102.2809

■ 57.1493, 55.3584,
102.2809

■ 46.7843, 43.0181,
100.4453

■ 69.4317, 69.8900,
104.4384

■ 38.2349, 32.7566,
98.9152

■ 83.7163, 86.7055,
106.9313

■ 31.3976, 24.4610,
97.6744

95.0500, 100.0000,
108.9000

■ 26.1565, 18.0051,
96.7045

■ 22.3808, 13.2477,
95.9852

■ 19.9192, 10.0272,
95.4933

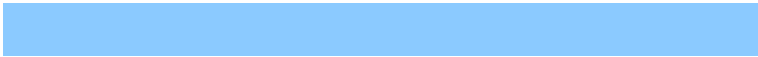
■ 18.5840, 8.1486,
95.2011

■ 18.3403, 7.8007,
95.1468

Harmonies

Analogous

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



50.3816, 55.3584, 104.6364



57.1493, 55.3584, 102.2809



63.1539, 55.3584, 87.4386

Triad

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



57.1493, 55.3584, 102.2809



61.4000, 55.3584, 36.1300



40.8736, 55.3584, 54.0130

Complementary

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



57.1493, 55.3584, 102.2809



83.9786, 92.5560, 59.8950

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.



43.3217, 55.3584, 39.4163



57.1493, 55.3584, 102.2809



54.9165, 55.3584, 30.6489

Square

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



57.1493, 55.3584, 102.2809



65.7493, 55.3584, 48.5112



48.3299, 55.3584, 31.7076



41.3604, 55.3584, 73.8037

Rectangle

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



57.1493, 55.3584, 102.2809



65.7336, 55.3584, 73.9259



48.3299, 55.3584, 31.7076



41.3719, 55.3584, 48.4189

Sweetspot

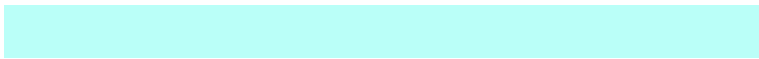
The Sweet Spot groups the original color and five complimentary colors.



57.1509, 55.3605, 102.2812



82.2824, 85.0208, 106.6817



72.9693, 88.7430, 102.1718



17.1300, 17.6316, 22.7503



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.



57.1509, 55.3605, 102.2812



51.7940, 48.9935, 101.3346



63.2250, 56.5754, 102.1956



17.1300, 17.6316, 22.7503



9.6263, 4.1622, 49.7306



0.9785, 0.4877, 4.8558

Inverse Universe

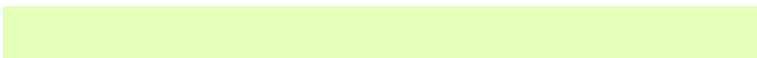
The Inverse Universe completely reimagines the original color for something new.



68.3144, 60.1850, 57.8878



64.5494, 54.6164, 50.5860



76.4285, 91.4615, 60.0817



18.0735, 18.0127, 19.0042



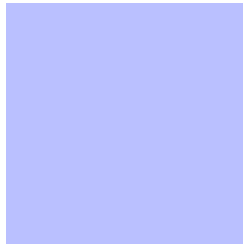
21.6471, 11.1481, 1.5263



2.1285, 1.0938, 0.2582

Previews

White Background



This preview shows how the XYZ color 57.1493, 55.3584, 102.2809 looks on a white background.

Color Contrast Check

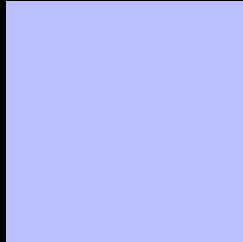
Large Text (above 18pt) WCAG AA × Fail

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 57.1493, 55.3584, 102.2809 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

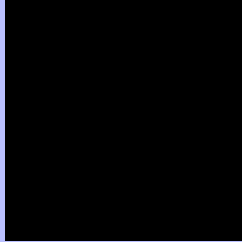
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 57.1493, 55.3584, 102.2809

Background



This preview shows how black text looks on a background with the XYZ color 57.1493, 55.3584, 102.2809.

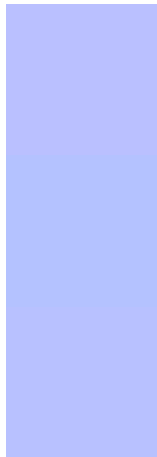


This preview shows how white text looks on a background with the XYZ color 57.1493, 55.3584,

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

57.1493, 55.3584, 102.2809

Protanopia

56.1642, 55.5069, 102.3615

Deuteranopia

56.8871, 55.5503, 102.3317



Tritanopia

51.0493, 55.2181, 72.2576

Trichromacy



Original Color

57.1493, 55.3584, 102.2809

Protanomaly

56.4114, 55.3050, 102.3095

Deuteranomaly

57.1275, 55.6742, 102.3430

Tritanomaly

53.0789, 55.0168, 82.6847

Monochromacy



Original Color

57.1493, 55.3584, 102.2809

Achromatopsia

53.0703, 55.8340, 60.8033

Achromatomaly

54.1623, 55.4296, 74.1740

CSS Examples

Text

The CSS property to change the color of the text to XYZ 57.1493, 55.3584, 102.2809 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(186, 192, 255)` looks like.

```
.text, #text, p{  
    color:rgb(186, 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(186, 192, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(186, 192, 255) }
```

Border

The CSS property to change the border of an element to XYZ 57.1493, 55.3584, 102.2809 is called "border". The border property can be set on classes, ids or directly on the HTML element.

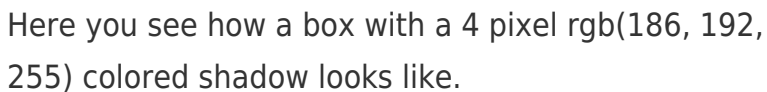
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(186, 192, 255) }
```


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

```
.border{ border-color:rgb(186, 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(186, 192, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(186, 192, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(186, 192, 255);  
box-shadow:4px 4px 4px 4px rgb(186, 192,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 57.1493, 55.3584, 102.2809 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(186, 192, 255) }
```

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

```
.background{ background-color: rgb(186,  
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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