

Converting Colors

XYZ(56.7237, 55.6013,
106.9249)

Have a look what the booklet for
XYZ(56.7237, 55.6013, 106.9249)
contains.

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Color

**XYZ(55.9322, 55.3873,
102.3506)**

Conversions

Conversions Part 1

Format	Color
Hex	B3C2FF
RGB	179, 194, 255
RGB Percent	70%, 76%, 100%
CMY	0.2980, 0.2392, 0.0000
CMYK	0.30, 0.24, 0.00, 0.00
HSL	228°, 100%, 85%
HSV	228°, 30%, 100%
XYZ	55.9322, 55.3873, 102.3506
YIQ	196.4690, -28.5210, 15.7910

Conversions

Conversions Part 2

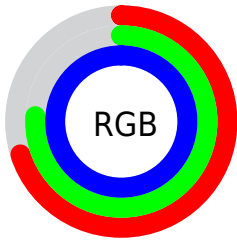
Format	Color
R_{YB}	179, 192, 255
Decimal	11780863
CIE _{Lab}	79.26, 8.38, -31.67
CIE _{LCh}	79, 32.759, 284.817
Yxy	55.3873, 0.2618, 0.2592
Android (android.graphics.Color)	4289970943 (0xFFB3C2FF)
YUV	196.4690, 28.8558, -15.3203
Hunter-Lab	74.4226, 3.9117, -29.4434

Details

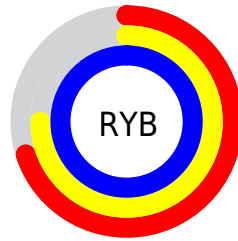
The XYZ color **55.9322, 55.3873, 102.3506** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **80.5370, 86.8348, 55.1657**, and the grayscale version is **52.5967, 55.3358, 60.2607**.

A 20% lighter version of the original color is **86.8277, 93.4241, 108.0641**, and **28.0301, 27.4121, 57.2398** is the 20% darker color. If you saturate the color by 10%, you get **46.3289, 44.1349, 100.6848**, and if you desaturate by 10%, it is **67.2559, 68.4603, 104.2771**.

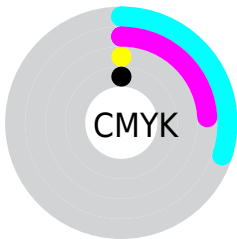
Distribution



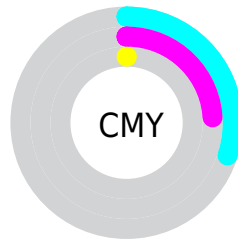
- Red (70%)
- Green (76%)
- Blue (100%)



- Red (70%)
- Yellow (75%)
- Blue (100%)



- Cyan (30%)
- Magenta (24%)
- Yellow (0%)
- Black (0%)



- Cyan (30%)
- Magenta (24%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 55.9322, 55.3873, 102.3506 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 55.9322, 55.3873, 102.3506 by changing the saturation by 10% instead.

■ 55.9322, 55.3873,
102.3506

■ 55.9322, 55.3873,
102.3506

399.5151,
407.3784, 589.0138

■ 40.3854, 39.7119,
77.6373

■ 98.0458, 98.1082,
166.4637

■ 28.0247, 27.3140,
57.2614

125.3433,
125.9224, 206.7005

■ 18.4848, 17.8092,
40.8044

157.2884,
158.5518, 252.9490

■ 11.4004, 10.8131,
27.8477

194.2464,
196.3806, 305.6275

■ 6.4061, 5.9413,
17.9729

236.5828,
239.7932, 365.1547

■ 3.1365, 2.8094,
10.7613

284.6627,

■ 1.2264, 1.0331,

289.1742, 431.9492

5.7944

338.8517,
344.9077, 506.4294

■ 0.1270, 0.0000,
2.6537

■ 0.0000, 0.0000,
0.9200

■ 55.9322, 55.3873,
102.3506

■ 55.9322, 55.3873,
102.3506

■ 46.3289, 44.1349,
100.6848

■ 67.2559, 68.4603,
104.2771

■ 38.3554, 34.6150,
99.2676

■ 80.3746, 83.4244,
106.4741

■ 31.9201, 26.7410,
98.0869

95.0500, 100.0000,
108.9000

■ 26.9201, 20.4165,
97.1297

■ 23.2394, 15.5342,
96.3813

■ 20.7423, 11.9720,
95.8253

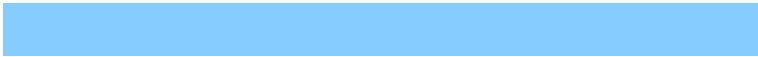
■ 19.2287, 9.5679,
95.4411

■ 19.2049, 9.5297,
95.4350

Harmonies

Analogous

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



49.4125, 55.3873, 102.2655



55.9322, 55.3873, 102.3506



62.0334, 55.3873, 89.6968

Triad

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



55.9322, 55.3873, 102.3506



62.0971, 55.3873, 38.2815



41.3963, 55.3873, 51.3416

Complementary

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



55.9322, 55.3873, 102.3506



80.5370, 86.8348, 55.1657

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.



44.2533, 55.3873, 38.1610



55.9322, 55.3873, 102.3506



56.0134, 55.3873, 31.7557

Square

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



55.9322, 55.3873, 102.3506



65.7883, 55.3873, 51.5423



49.4872, 55.3873, 31.7167



41.3786, 55.3873, 70.0137

Rectangle

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



55.9322, 55.3873, 102.3506



64.8890, 55.3873, 77.0019



49.4872, 55.3873, 31.7167



42.0453, 55.3873, 46.2190

Sweetspot

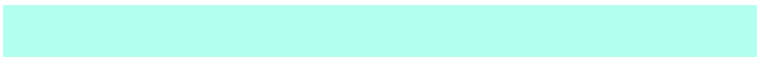
The Sweet Spot groups the original color and five complimentary colors.



55.9338, 55.3894, 102.3509



81.5076, 84.7096, 106.6624



70.0498, 87.3835, 95.4576



17.0082, 17.6346, 22.7573



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.



55.9338, 55.3894, 102.3509



49.7842, 48.2056, 101.2884



58.4745, 51.9906, 101.5610



17.2932, 17.9581, 22.8048



10.1166, 5.1429, 49.8940



1.0570, 0.6446, 4.8820

Inverse Universe

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



67.0988, 57.3968, 58.5834



62.7461, 50.8748, 50.4010



77.2410, 91.9643, 56.3295



18.1559, 18.0457, 19.4382



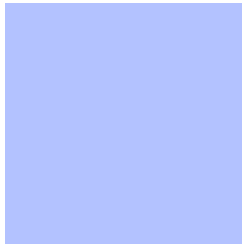
21.8946, 11.2471, 2.8295



2.1681, 1.1096, 0.4667

Previews

White Background



This preview shows how the XYZ color 55.9322, 55.3873, 102.3506 looks on a white background.

Color Contrast Check

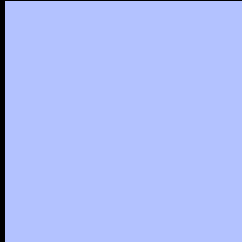
Large Text (above 18pt) WCAG AA × Fail

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 55.9322, 55.3873, 102.3506 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 55.9322, 55.3873, 102.3506

Background



This preview shows how black text looks on a background with the XYZ color 55.9322, 55.3873, 102.3506.



This preview shows how white text looks on a background with the XYZ color 55.9322, 55.3873,

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

55.9322, 55.3873, 102.3506

Protanopia

56.1642, 55.5069, 102.3615

Deuteranopia

56.6484, 55.4272, 102.3206



Tritanopia

50.2056, 55.4410, 73.7007

Trichromacy



Original Color

55.9322, 55.3873, 102.3506

Protanomaly

56.1642, 55.5069, 102.3615

Deuteranomaly

56.4114, 55.3050, 102.3095

Tritanomaly

52.0734, 55.1564, 83.5030

Monochromacy



Original Color

55.9322, 55.3873, 102.3506

Achromatopsia

52.4687, 55.2011, 60.1140

Achromatomaly

53.2747, 54.9871, 73.4513

CSS Examples

Text

The CSS property to change the color of the text to XYZ 55.9322, 55.3873, 102.3506 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, 194, 255)` looks like.

```
.text, #text, p{  
    color:rgb(179, 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(179, 194, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(179, 194, 255) }
```

Border

The CSS property to change the border of an element to XYZ 55.9322, 55.3873, 102.3506 is called "border". The border property can be set on classes, ids or directly on the HTML element.

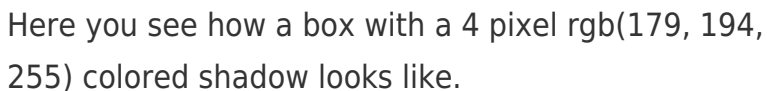
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(179, 194, 255) }
```


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

```
.border{ border-color:rgb(179, 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(179, 194, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(179, 194, 255); -webkit-box-shadow:4px 4px 4px 4px rgb(179, 194, 255); box-shadow:4px 4px 4px 4px rgb(179, 194, 255) }
```

Background

The CSS property to change the background color of an element to XYZ 55.9322, 55.3873, 102.3506 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(179, 194, 255) }
```

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

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