

Converting Colors

XYZ(55.3970, 54.3151,
102.1719)

Have a look what the booklet for
XYZ(55.3970, 54.3151, 102.1719)
contains.

XYZ(55.4900, 54.5030, 102.2032)	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(55.4900, 54.5030,
102.2032)**

Conversions

Conversions Part 1

Format	Color
Hex	B3C0FF
RGB	179, 192, 255
RGB Percent	70%, 75%, 100%
CMY	0.2980, 0.2470, 0.0000
CMYK	0.30, 0.25, 0.00, 0.00
HSL	230°, 100%, 85%
HSV	230°, 30%, 100%
XYZ	55.4900, 54.5030, 102.2032
YIQ	195.2950, -27.9710, 16.8370

Conversions

Conversions Part 2

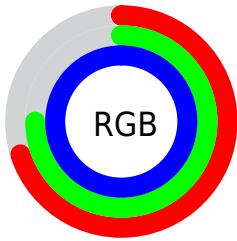
Format	Color
R_{YB}	179, 190, 255
Decimal	11780351
CIE _{Lab}	78.75, 9.47, -32.45
CIE _{LCh}	79, 33.807, 286.262
Yxy	54.5030, 0.2615, 0.2569
Android (android.graphics.Color)	4289970431 (0xFFB3C0FF)
YUV	195.2950, 29.4346, -14.2907
Hunter-Lab	73.8261, 4.9703, -30.4014

Details

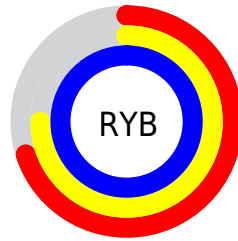
The XYZ color **55.4900, 54.5030, 102.2032** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **81.1289, 88.0186, 55.3629**, and the grayscale version is **51.8909, 54.5933, 59.4521**.

A 20% lighter version of the original color is **86.2095, 92.1877, 107.8580**, and **27.7378, 26.8275, 57.1424** is the 20% darker color. If you saturate the color by 10%, you get **45.8197, 43.1166, 100.5151**, and if you desaturate by 10%, it is **66.9199, 67.7884, 104.1651**.

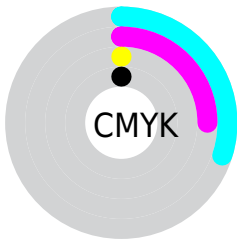
Distribution



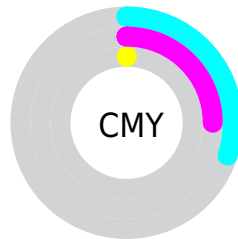
- Red (70%)
- Green (75%)
- Blue (100%)



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



- Cyan (30%)
- Magenta (25%)
- Yellow (0%)
- Black (0%)



- Cyan (30%)
- Magenta (25%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 55.4900, 54.5030, 102.2032 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 55.4900, 54.5030, 102.2032 by changing the saturation by 10% instead.

■ 55.4900, 54.5030,
102.2032

■ 55.4900, 54.5030,
102.2032

397.8729,
404.0252, 588.5404

■ 40.0296, 39.0039,
77.5147

■ 97.4027, 96.8124,
166.2598

■ 27.7459, 26.7628,
57.1613

124.5856,
124.3915, 206.4650

■ 18.2737, 17.3952,
40.7245

156.4067,
156.7661, 252.6795

■ 11.2475, 10.5166,
27.7858

193.2314,
194.3206, 305.3218

■ 6.3021, 5.7428,
17.9266

235.4250,
237.4394, 364.8105

■ 3.0720, 2.6893,
10.7284

283.3529,

■ 1.1920, 0.9718,

286.5068, 431.5642

5.7727

337.3804,
341.9073, 506.0013

■ 0.1000, 0.0000,
2.6408

■ 0.0000, 0.0000,
0.9134

■ 55.4900, 54.5030,
102.2032

■ 55.4900, 54.5030,
102.2032

■ 45.8197, 43.1166,
100.5151

■ 66.9199, 67.7884,
104.1651

■ 37.8156, 33.5356,
99.0877

■ 80.1866, 83.0484,
106.4114

■ 31.3831, 25.6672,
97.9079

95.0500, 100.0000,
108.9000

■ 26.4159, 19.4080,
96.9616

■ 22.7937, 14.6430,
96.2328

■ 20.3766, 11.2407,
95.7034

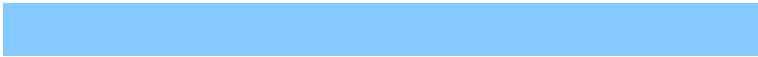
■ 18.9585, 9.0276,
95.3510

■ 18.9367, 8.9934,
95.3456

Harmonies

Analogous

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



48.8082, 54.5030, 102.8080



55.4900, 54.5030, 102.2032



61.6648, 54.5030, 88.6329

Triad

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



55.4900, 54.5030, 102.2032



61.2157, 54.5030, 36.5075



40.2853, 54.5030, 51.0184

Complementary

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



55.4900, 54.5030, 102.2032



81.1289, 88.0186, 55.3629

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.



43.0538, 54.5030, 37.3441



55.4900, 54.5030, 102.2032



54.9188, 54.5030, 30.2687

Square

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



55.4900, 54.5030, 102.2032



65.1601, 54.5030, 49.6139



48.2839, 54.5030, 30.5377



40.4095, 54.5030, 70.2709

Rectangle

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



55.4900, 54.5030, 102.2032



64.4939, 54.5030, 75.4447



48.2839, 54.5030, 30.5377



40.8975, 54.5030, 45.7151

Sweetspot

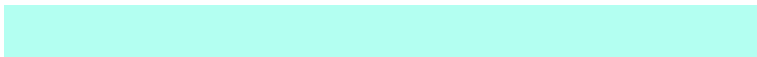
The Sweet Spot groups the original color and five complimentary colors.



55.4916, 54.5051, 102.2035



81.3335, 84.3613, 106.6044



70.2384, 87.4590, 96.4511



16.9657, 17.5495, 22.7432



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.



55.4916, 54.5051, 102.2035



49.2961, 47.2294, 101.1257



58.8181, 52.1677, 101.5771



17.2541, 17.8798, 22.7917



9.9675, 4.8447, 49.8444



1.0369, 0.6045, 4.8753

Inverse Universe

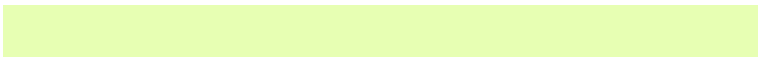
The Inverse Universe completely reimagines the original color for something new.



66.8756, 57.3074, 57.4081



62.4997, 50.7763, 49.1037



76.8308, 91.7528, 56.3102



18.1362, 18.0378, 19.3342



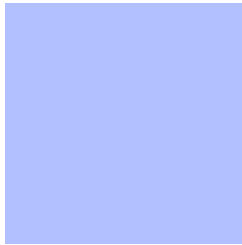
21.8194, 11.2170, 2.4332



2.1580, 1.1056, 0.4134

Previews

White Background



This preview shows how the XYZ color 55.4900, 54.5030, 102.2032 looks on a white background.

Color Contrast Check

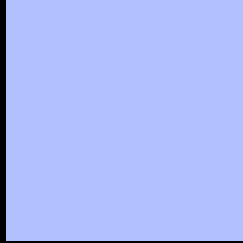
Large Text (above 18pt) WCAG AA × Fail

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 55.4900, 54.5030, 102.2032 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

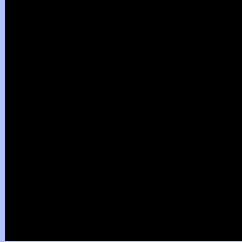
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 55.4900, 54.5030, 102.2032

Background



This preview shows how black text looks on a background with the XYZ color 55.4900, 54.5030, 102.2032.



This preview shows how white text looks on a background with the XYZ color 55.4900, 54.5030,

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

55.4900, 54.5030, 102.2032

Protanopia

55.2597, 54.3843, 102.1925

Deuteranopia

55.7369, 54.3054, 102.1521



Tritanopia

49.4838, 54.4111, 72.1843

Trichromacy



Original Color

55.4900, 54.5030, 102.2032

Protanomaly

55.2597, 54.3843, 102.1925

Deuteranomaly

55.5032, 54.1849, 102.1411

Tritanomaly

51.4784, 54.1917, 82.6098

Monochromacy



Original Color

55.4900, 54.5030, 102.2032

Achromatopsia

51.8711, 54.5724, 59.4294

Achromatomaly

52.8024, 54.4121, 73.3652

CSS Examples

Text

The CSS property to change the color of the text to XYZ 55.4900, 54.5030, 102.2032 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, 192, 255)` looks like.

```
.text, #text, p{  
    color:rgb(179, 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(179, 192, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(179, 192, 255) }
```

Border

The CSS property to change the border of an element to XYZ 55.4900, 54.5030, 102.2032 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, 192, 255) }
```


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

```
.border{ border-color:rgb(179, 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(179, 192, 255) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(179, 192, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(179, 192, 255);  
box-shadow:4px 4px 4px 4px rgb(179, 192,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 55.4900, 54.5030, 102.2032 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(179, 192, 255) }
```

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

```
.background{ background-color: rgb(179,  
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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor