

Converting Colors

XYZ(55.7906, 54.4128,
102.1700)

Have a look what the booklet for
XYZ(55.7906, 54.4128, 102.1700)
contains.

XYZ(55.7369, 54.3054, 102.1521)	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(55.7369, 54.3054,
102.1521)**

Conversions

Conversions Part 1

Format	Color
Hex	B5BFFF
RGB	181, 191, 255
RGB Percent	71%, 75%, 100%
CMY	0.2902, 0.2510, 0.0000
CMYK	0.29, 0.25, 0.00, 0.00
HSL	232°, 100%, 85%
HSV	232°, 29%, 100%
XYZ	55.7369, 54.3054, 102.1521
YIQ	195.3060, -26.5040, 17.7840

Conversions

Conversions Part 2

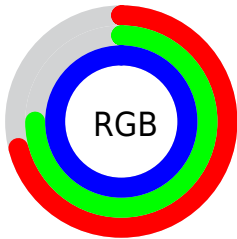
Format	Color
R_{YB}	181, 190, 255
Decimal	11911167
CIE _{Lab}	78.64, 10.58, -32.62
CIE _{LCh}	79, 34.292, 287.971
Yxy	54.3054, 0.2627, 0.2559
Android (android.graphics.Color)	4290101247 (0xFFB5BFFF)
YUV	195.3060, 29.4291, -12.5464
Hunter-Lab	73.6922, 6.0467, -30.6032

Details

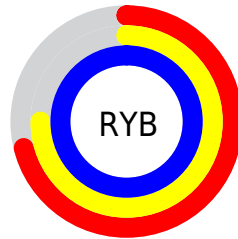
The XYZ color **55.7369, 54.3054, 102.1521** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **82.2332, 89.9010, 56.7364**, and the grayscale version is **51.8969, 54.5996, 59.4590**.

A 20% lighter version of the original color is **86.5707, 91.9187, 107.7871**, and **27.8857, 26.6898, 57.1080** is the 20% darker color. If you saturate the color by 10%, you get **45.8431, 42.5958, 100.4134**, and if you desaturate by 10%, it is **67.4524, 68.0315, 104.1840**.

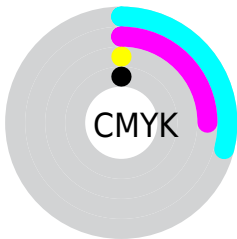
Distribution



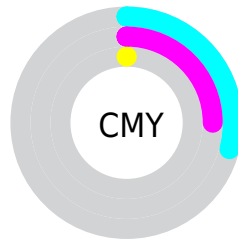
- Red (71%)
- Green (75%)
- Blue (100%)



- Red (71%)
- Yellow (75%)
- Blue (100%)



- Cyan (29%)
- Magenta (25%)
- Yellow (0%)
- Black (0%)



- Cyan (29%)
- Magenta (25%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 55.7369, 54.3054, 102.1521 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 55.7369, 54.3054, 102.1521 by changing the saturation by 10% instead.

■ 55.7369, 54.3054,
102.1521

■ 55.7369, 54.3054,
102.1521

398.7904,
403.2735, 588.3762

■ 40.2282, 38.8459,
77.4722

■ 97.7618, 96.5225,
166.1891

■ 27.9015, 26.6399,
57.1266

125.0088,
124.0489, 206.3833

■ 18.3915, 17.3029,
40.6969

156.8992,
156.3663, 252.5860

■ 11.3328, 10.4507,
27.7644

193.7984,
193.8593, 305.2158

■ 6.3601, 5.6988,
17.9106

236.0717,
236.9120, 364.6912

■ 3.1080, 2.6628,
10.7171

284.0846,

■ 1.2111, 0.9583,

285.9091, 431.4307

5.7652

338.2024,
341.2348, 505.8528

■ 0.1151, 0.0000,
2.6363

■ 0.0000, 0.0000,
0.9111

■ 55.7369, 54.3054,
102.1521

■ 55.7369, 54.3054,
102.1521

■ 45.8431, 42.5958,
100.4134

■ 67.4524, 68.0315,
104.1840

■ 37.6741, 32.8013,
98.9534

■ 81.0701, 83.8569,
106.5209

■ 31.1312, 24.8207,
97.7578

95.0500, 100.0000,
108.9000

■ 26.1040, 18.5409,
96.8107

■ 22.4676, 13.8361,
96.0942

■ 20.0766, 10.5622,
95.5883

■ 18.7314, 8.5362,
95.2681

■ 18.6353, 8.3907,
95.2451

Harmonies

Analogous

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



48.9500, 54.3054, 103.5988



55.7369, 54.3054, 102.1521



61.9011, 54.3054, 87.7654

Triad

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



55.7369, 54.3054, 102.1521



60.8305, 54.3054, 35.5356



39.9024, 54.3054, 51.6951

Complementary

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



55.7369, 54.3054, 102.1521



82.2332, 89.9010, 56.7364

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.



42.5377, 54.3054, 37.5171



55.7369, 54.3054, 102.1521



54.3764, 54.3054, 29.6489

Square

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



55.7369, 54.3054, 102.1521



65.0142, 54.3054, 48.3570



47.7027, 54.3054, 30.2846



40.1973, 54.3054, 71.3933

Rectangle

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



55.7369, 54.3054, 102.1521



64.6472, 54.3054, 74.2436



47.7027, 54.3054, 30.2846



40.4648, 54.3054, 46.2196

Sweetspot

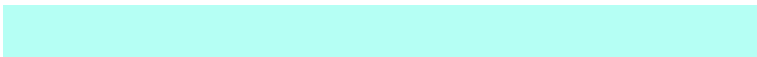
The Sweet Spot groups the original color and five complimentary colors.



55.7385, 54.3075, 102.1524



81.0967, 83.8877, 106.5254



71.1309, 87.8698, 98.7204



16.9078, 17.4338, 22.7239



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.



55.7385, 54.3075, 102.1524



49.6065, 47.0659, 101.0778



60.2794, 53.5205, 101.7612



17.2009, 17.7734, 22.7740



9.7975, 4.5046, 49.7877



1.0118, 0.5544, 4.8669

Inverse Universe

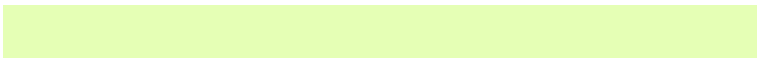
The Inverse Universe completely reimagines the original color for something new.



67.1690, 58.0709, 56.9611



62.8478, 51.6484, 48.6772



76.4463, 91.5310, 57.3561



18.1093, 18.0270, 19.1928



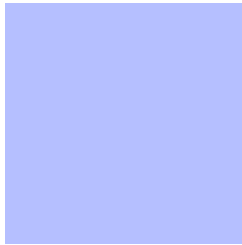
21.7335, 11.1827, 1.9813



2.1453, 1.1005, 0.3468

Previews

White Background



This preview shows how the XYZ color 55.7369, 54.3054, 102.1521 looks on a white background.

Color Contrast Check

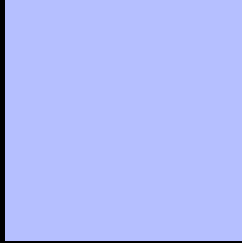
Large Text (above 18pt) WCAG AA × Fail

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 55.7369, 54.3054, 102.1521 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

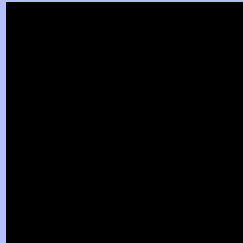
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 55.7369, 54.3054, 102.1521

Background



This preview shows how black text looks on a background with the XYZ color 55.7369, 54.3054, 102.1521.



This preview shows how white text looks on a background with the XYZ color 55.7369, 54.3054,

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

55.7369, 54.3054, 102.1521

Protanopia

55.0311, 54.2664, 102.1818

Deuteranopia

55.5032, 54.1849, 102.1411



Tritanopia

49.7946, 54.5861, 71.5300

Trichromacy



Original Color

55.7369, 54.3054, 102.1521

Protanomaly

55.2597, 54.3843, 102.1925

Deuteranomaly

55.5032, 54.1849, 102.1411

Tritanomaly

51.7873, 54.3671, 81.8932

Monochromacy



Original Color

55.7369, 54.3054, 102.1521

Achromatopsia

51.8711, 54.5724, 59.4294

Achromatomaly

53.0514, 54.5405, 73.3769

CSS Examples

Text

The CSS property to change the color of the text to XYZ 55.7369, 54.3054, 102.1521 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(181, 191, 255)` looks like.

```
.text, #text, p{  
    color:rgb(181, 191, 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(181, 191, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(181, 191, 255) }
```

Border

The CSS property to change the border of an element to XYZ 55.7369, 54.3054, 102.1521 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(181, 191, 255) }
```


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

```
.border{ border-color:rgb(181, 191, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(181, 191, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(181, 191, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(181, 191, 255);  
box-shadow:4px 4px 4px 4px rgb(181, 191,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 55.7369, 54.3054, 102.1521 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(181, 191, 255) }
```

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

```
.background{ background-color: rgb(181,  
191, 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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