

Converting Colors

XYZ(58.7174, 56.6812,
125.1034)

Have a look what the booklet for
XYZ(58.7174, 56.6812, 125.1034)
contains.

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Color

**XYZ(54.3597, 54.9081,
102.3410)**

Conversions

Conversions Part 1

Format	Color
Hex	ABC3FF
RGB	171, 195, 255
RGB Percent	67%, 76%, 100%
CMY	0.3294, 0.2353, 0.0000
CMYK	0.33, 0.24, 0.00, 0.00
HSL	223°, 100%, 84%
HSV	223°, 33%, 100%
XYZ	54.3597, 54.9081, 102.3410
YIQ	194.6640, -33.5640, 13.5720

Conversions

Conversions Part 2

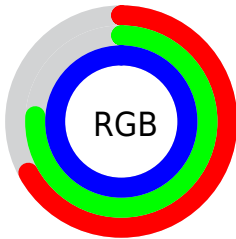
Format	Color
RYB	171, 190, 255
Decimal	11256831
CIELab	78.99, 5.60, -32.14
CIELCh	79, 32.623, 279.886
Yxy	54.9081, 0.2569, 0.2595
Android (android.graphics.Color)	4289446911 (0xFFABC3FF)
YUV	194.6640, 29.7456, -20.7533
Hunter-Lab	74.1000, 1.2725, -30.0166

Details

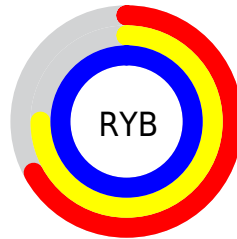
The XYZ color **54.3597, 54.9081, 102.3410** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **77.1671, 81.3525, 50.1655**, and the grayscale version is **51.5164, 54.1993, 59.0230**.

A 20% lighter version of the original color is **84.5421, 92.7083, 108.0464**, and **27.0685, 27.1362, 57.2372** is the 20% darker color. If you saturate the color by 10%, you get **45.4966, 44.6468, 100.8275**, and if you desaturate by 10%, it is **64.7953, 66.7215, 104.0712**.

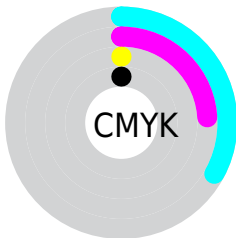
Distribution



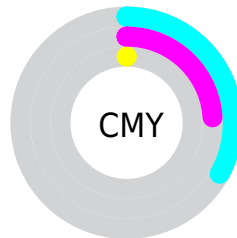
- Red (67%)
- Green (76%)
- Blue (100%)



- Red (67%)
- Yellow (75%)
- Blue (100%)



- Cyan (33%)
- Magenta (24%)
- Yellow (0%)
- Black (0%)



- Cyan (33%)
- Magenta (24%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 54.3597, 54.9081, 102.3410 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 54.3597, 54.9081, 102.3410 by changing the saturation by 10% instead.

■ 54.3597, 54.9081,
102.3410

■ 54.3597, 54.9081,
102.3410

393.6562,
405.5635, 588.9830

■ 39.1211, 39.3281,
77.6293

■ 95.7560, 97.4063,
166.4504

■ 27.0351, 27.0151,
57.2549

122.6444,
125.0933, 206.6852

■ 17.7363, 17.5846,
40.7992

154.1468,
157.5848, 252.9314

■ 10.8594, 10.6521,
27.8437

190.6286,
195.2652, 305.6076

■ 6.0390, 5.8334,
17.9698

232.4550,
238.5189, 365.1323

■ 2.9097, 2.7441,
10.7591

279.9915,

■ 1.1062, 0.9996,

287.7302, 431.9241

5.7930

333.6035,
343.2836, 506.4015

■ 0.0303, 0.0000,
2.6529

■ 0.0000, 0.0000,
0.9196

■ 54.3597, 54.9081,
102.3410

■ 54.3597, 54.9081,
102.3410

■ 45.4966, 44.6468,
100.8275

■ 64.7953, 66.7215,
104.0712

■ 38.1215, 35.8638,
99.5209

■ 76.8723, 80.1440,
106.0255

■ 32.1489, 28.4884,
98.4121

■ 90.6614, 95.2371,
108.2120

■ 27.4822, 22.4406,
97.4907

95.0500, 100.0000,
108.9000

■ 24.0111, 17.6317,
96.7455

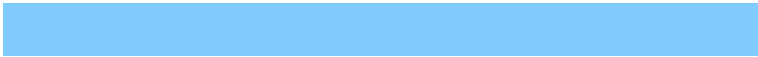
■ 21.6049, 13.9594,
96.1635

■ 20.4233, 11.9666,
95.8411

Harmonies

Analogous

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



48.0150, 54.9081, 100.0001



54.3597, 54.9081, 102.3410



60.6039, 54.9081, 91.6036

Triad

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



54.3597, 54.9081, 102.3410



62.3579, 54.9081, 39.6771



41.3290, 54.9081, 48.3217

Complementary

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



54.3597, 54.9081, 102.3410



77.1671, 81.3525, 50.1655

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.



44.5906, 54.9081, 36.3480



54.3597, 54.9081, 102.3410



56.5971, 54.9081, 32.1213

Square

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



54.3597, 54.9081, 102.3410



65.4681, 54.9081, 53.8591



50.0759, 54.9081, 31.0440



40.8383, 54.9081, 66.1316

Rectangle

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



54.3597, 54.9081, 102.3410



63.7405, 54.9081, 79.5619



50.0759, 54.9081, 31.0440



42.1241, 54.9081, 43.5922

Sweetspot

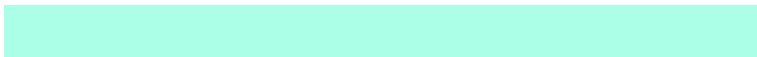
The Sweet Spot groups the original color and five complimentary colors.



54.3613, 54.9102, 102.3413



80.7451, 84.4049, 106.6438



66.8105, 85.8804, 87.7719



16.8825, 17.6262, 22.7623



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.



54.3613, 54.9102, 102.3413



47.9443, 47.5071, 101.2506



53.3042, 47.0137, 100.8729



17.4256, 18.2229, 22.8489



10.7809, 6.4713, 50.1155



1.1381, 0.8069, 4.9090

Inverse Universe

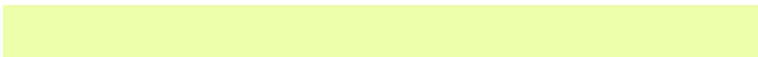
The Inverse Universe completely reimagines the original color for something new.



65.6544, 54.3276, 58.6578



61.0896, 47.4258, 50.2682



78.4384, 92.6723, 52.2834



18.2227, 18.0724, 19.7901



22.2299, 11.3812, 4.5951



2.2091, 1.1260, 0.6824

Previews

White Background



This preview shows how the XYZ color 54.3597, 54.9081, 102.3410 looks on a white background.

Color Contrast Check

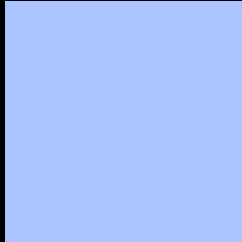
Large Text (above 18pt) WCAG AA × Fail

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 54.3597, 54.9081, 102.3410 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

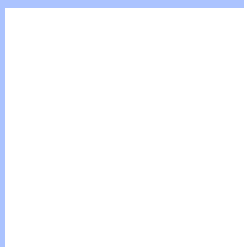
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 54.3597, 54.9081, 102.3410

Background



This preview shows how black text looks on a background with the XYZ color 54.3597, 54.9081, 102.3410.



This preview shows how white text looks on a background with the XYZ color 54.3597, 54.9081,

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

54.3597, 54.9081, 102.3410

Protanopia

55.3900, 54.8155, 100.5896

Deuteranopia

56.1910, 54.8644, 102.2360



Tritanopia

48.8797, 55.0895, 74.3868

Trichromacy



Original Color

54.3597, 54.9081, 102.3410

Protanomaly

55.0857, 54.9694, 101.4728

Deuteranomaly

55.4801, 54.8249, 102.2659

Tritanomaly

50.5731, 54.7234, 83.4985

Monochromacy



Original Color

54.3597, 54.9081, 102.3410

Achromatopsia

51.8711, 54.5724, 59.4294

Achromatomaly

52.2892, 54.4791, 73.4052

CSS Examples

Text

The CSS property to change the color of the text to XYZ 54.3597, 54.9081, 102.3410 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(171, 195, 255)` looks like.

```
.text, #text, p{  
    color:rgb(171, 195, 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(171, 195, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(171, 195, 255) }
```

Border

The CSS property to change the border of an element to XYZ 54.3597, 54.9081, 102.3410 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(171, 195, 255) }
```


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

```
.border{ border-color:rgb(171, 195, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(171, 195, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(171, 195, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(171, 195, 255);  
box-shadow:4px 4px 4px 4px rgb(171, 195,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 54.3597, 54.9081, 102.3410 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(171, 195, 255) }
```

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

```
.background{ background-color: rgb(171,  
195, 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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