

Converting Colors

XYZ(54.5743, 53.7117,
102.1006)

Have a look what the booklet for
XYZ(54.5743, 53.7117, 102.1006)
contains.

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Color

**XYZ(54.5853, 53.7117,
102.0982)**

Conversions

Conversions Part 1

Format	Color
Hex	B0BFFF
RGB	176, 191, 255
RGB Percent	69%, 75%, 100%
CMY	0.3098, 0.2510, 0.0000
CMYK	0.31, 0.25, 0.00, 0.00
HSL	229°, 100%, 85%
HSV	229°, 31%, 100%
XYZ	54.5853, 53.7117, 102.0982
YIQ	193.8110, -29.4840, 16.7240

Conversions

Conversions Part 2

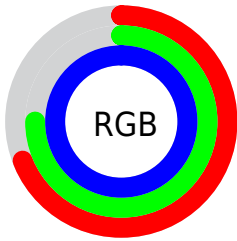
Format	Color
RYB	176, 189, 255
Decimal	11583487
CIELab	78.29, 9.17, -33.18
CIElCh	78, 34.425, 285.448
Yxy	53.7117, 0.2594, 0.2553
Android (android.graphics.Color)	4289773567 (0xFFB0BFFF)
YUV	193.8110, 30.1662, -15.6202
Hunter-Lab	73.2883, 4.6928, -31.2954

Details

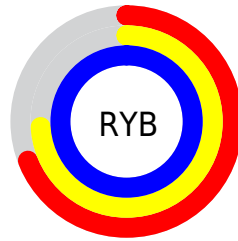
The XYZ color **54.5853, 53.7117, 102.0982** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **80.2369, 86.7149, 53.5849**, and the grayscale version is **51.0077, 53.6641, 58.4402**.

A 20% lighter version of the original color is **84.9150, 91.0652, 107.7096**, and **27.1667, 26.3191, 57.0743** is the 20% darker color. If you saturate the color by 10%, you get **45.1602, 42.6311, 100.4562**, and if you desaturate by 10%, it is **65.7320, 66.6254, 104.0033**.

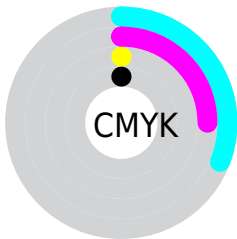
Distribution



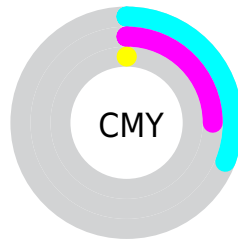
- Red (69%)
- Green (75%)
- Blue (100%)



- Red (69%)
- Yellow (74%)
- Blue (100%)



- Cyan (31%)
- Magenta (25%)
- Yellow (0%)
- Black (0%)



- Cyan (31%)
- Magenta (25%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 54.5853, 53.7117, 102.0982 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 54.5853, 53.7117, 102.0982 by changing the saturation by 10% instead.

■ 54.5853, 53.7117,
102.0982

■ 54.5853, 53.7117,
102.0982

394.5001,
401.0097, 588.2030

■ 39.3023, 38.3712,
77.4274

■ 96.0850, 95.6508,
166.1146

■ 27.1768, 26.2709,
57.0900

123.0324,
123.0182, 206.2972

■ 17.8433, 17.0264,
40.6677

154.5986,
155.1634, 252.4875

■ 10.9366, 10.2533,
27.7418

191.1491,
192.4708, 305.1040

■ 6.0912, 5.5673,
17.8938

233.0491,
235.3247, 364.5653

■ 2.9418, 2.5838,
10.7051

280.6640,

■ 1.1230, 0.9185,

284.1095, 431.2898

5.7572

334.3592,
339.2097, 505.6962

■ 0.0443, 0.0000,
2.6316

■ 0.0000, 0.0000,
0.9087

■ 54.5853, 53.7117,
102.0982

■ 54.5853, 53.7117,
102.0982

■ 45.1602, 42.6311,
100.4562

■ 65.7320, 66.6254,
104.0033

■ 37.3645, 33.2934,
99.0647

■ 78.6764, 81.4448,
106.1815

■ 31.1050, 25.6094,
97.9114

■ 93.4957, 98.2460,
108.6434

■ 26.2762, 19.4797,
96.9828

■ 95.0500, 100.0000,
108.9000

■ 22.7591, 14.7932,
96.2636

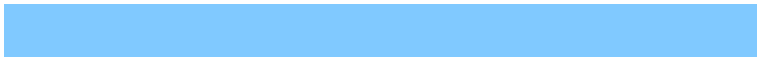
■ 20.4139, 11.4231,
95.7367

■ 19.1242, 9.3684,
95.4081

Harmonies

Analogous

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



47.8609, 53.7117, 102.3165



54.5853, 53.7117, 102.0982



60.8648, 53.7117, 88.6103

Triad

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



54.5853, 53.7117, 102.0982



60.7036, 53.7117, 35.8021



39.4965, 53.7117, 49.6363

Complementary

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



54.5853, 53.7117, 102.0982



80.2369, 86.7149, 53.5849

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.



42.3539, 53.7117, 36.0993



54.5853, 53.7117, 102.0982



54.3805, 53.7117, 29.3899

Square

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



54.5853, 53.7117, 102.0982



64.6035, 53.7117, 49.1346



47.6733, 53.7117, 29.4851



39.5408, 53.7117, 68.9476

Rectangle

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



54.5853, 53.7117, 102.0982



63.7831, 53.7117, 75.3180



47.6733, 53.7117, 29.4851



40.1377, 53.7117, 44.3643

Sweetspot

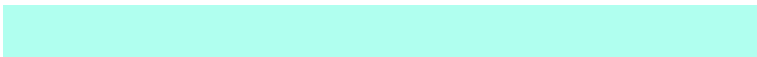
The Sweet Spot groups the original color and five complimentary colors.



54.5869, 53.7137, 102.0985



81.4580, 84.6102, 106.6458



69.2750, 86.9944, 94.9573



16.9961, 17.6103, 22.7533



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.



54.5869, 53.7137, 102.0985



48.7106, 46.8270, 101.0789



57.3161, 50.5105, 101.3364



17.2821, 17.9358, 22.8010



10.0720, 5.0535, 49.8792



1.0511, 0.6328, 4.8800

Inverse Universe

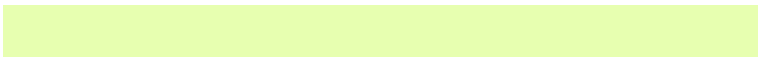
The Inverse Universe completely reimagines the original color for something new.



66.1704, 56.0738, 56.6281



62.0166, 49.8647, 48.7740



76.6491, 91.6938, 54.7350



18.1503, 18.0434, 19.4085



21.8721, 11.2381, 2.7108



2.1651, 1.1084, 0.4510

Previews

White Background



This preview shows how the XYZ color 54.5853, 53.7117, 102.0982 looks on a white background.

Color Contrast Check

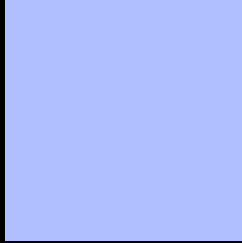
Large Text (above 18pt) WCAG AA × Fail

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 54.5853, 53.7117, 102.0982 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 54.5853, 53.7117, 102.0982

Background



This preview shows how black text looks on a background with the XYZ color 54.5853, 53.7117, 102.0982.



This preview shows how white text looks on a background with the XYZ color 54.5853, 53.7117,

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

54.5853, 53.7117, 102.0982

Protanopia

54.5853, 53.7117, 102.0982

Deuteranopia

54.8236, 53.5119, 102.0471



Tritanopia

48.4974, 53.9174, 71.4693

Trichromacy



Original Color

54.5853, 53.7117, 102.0982

Protanomaly

54.5853, 53.7117, 102.0982

Deuteranomaly

54.5949, 53.3940, 102.0364

Tritanomaly

50.4603, 53.6830, 81.8311

Monochromacy



Original Color

54.5853, 53.7117, 102.0982

Achromatopsia

51.2775, 53.9479, 58.7493

Achromatomaly

51.9582, 53.6626, 72.5852

CSS Examples

Text

The CSS property to change the color of the text to XYZ 54.5853, 53.7117, 102.0982 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(176, 191, 255)` looks like.

```
.text, #text, p{  
    color:rgb(176, 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(176, 191, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(176, 191, 255) }
```

Border

The CSS property to change the border of an element to XYZ 54.5853, 53.7117, 102.0982 is called "border". The border property can be set on classes, ids or directly on the HTML element.

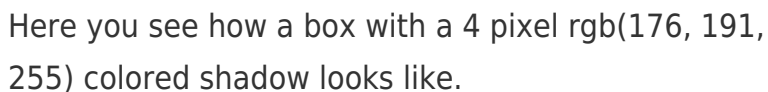
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(176, 191, 255) }
```


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

```
.border{ border-color:rgb(176, 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(176, 191, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(176, 191, 255); -webkit-box-shadow:4px 4px 4px 4px rgb(176, 191, 255); box-shadow:4px 4px 4px 4px rgb(176, 191, 255) }
```

Background

The CSS property to change the background color of an element to XYZ 54.5853, 53.7117, 102.0982 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(176, 191, 255) }
```

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

```
.background{ background-color: rgb(176,  
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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