

Converting Colors

XYZ(54.2076, 53.4281, 91.4600)

Have a look what the booklet for
XYZ(54.2076, 53.4281, 91.4600)
contains.

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Color

**XYZ(54.2076, 53.4281,
91.4600)**

Conversions

Conversions Part 1

Format	Color
Hex	B8BEF2
RGB	184, 190, 242
RGB Percent	72%, 75%, 95%
CMY	0.2784, 0.2549, 0.0510
CMYK	0.24, 0.21, 0.00, 0.05
HSL	234°, 69%, 84%
HSV	234°, 24%, 95%
XYZ	54.2076, 53.4281, 91.4600
YIQ	194.1340, -20.2680, 14.9000

Conversions

Conversions Part 2

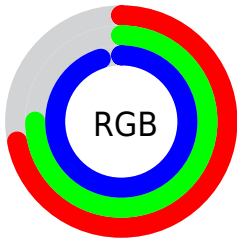
Format	Color
RYB	184, 189, 242
Decimal	12107506
CIELab	78.13, 8.93, -26.42
CIELCh	78, 27.886, 288.668
Yxy	53.4281, 0.2723, 0.2684
Android (android.graphics.Color)	4290297586 (0xFFB8BEF2)
YUV	194.1340, 23.5979, -8.8875
Hunter-Lab	73.0945, 4.4619, -23.0208

Details

The XYZ color **54.2076, 53.4281, 91.4600** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **75.2657, 82.3289, 57.2730**, and the grayscale version is **51.2322, 53.9002, 58.6974**.

A 20% lighter version of the original color is **87.2814, 91.8323, 107.7329**, and **27.0145, 26.1823, 50.0842** is the 20% darker color. If you saturate the color by 10%, you get **44.5445, 41.9833, 89.7611**, and if you desaturate by 10%, it is **65.5652, 66.7873, 93.4409**.

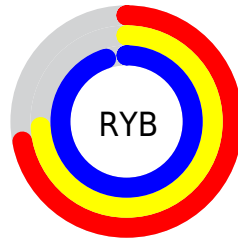
Distribution



Red (72%)

Green (75%)

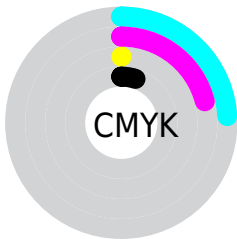
Blue (95%)



Red (72%)

Yellow (74%)

Blue (95%)

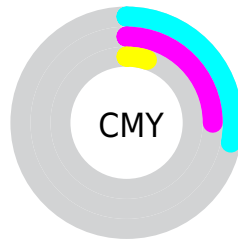


Cyan (24%)

Magenta (21%)

Yellow (0%)

Black (5%)



Cyan (28%)

Magenta (25%)

Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 54.2076, 53.4281, 91.4600 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 54.2076, 53.4281, 91.4600 by changing the saturation by 10% instead.

■ 54.2076, 53.4281,
91.4600

■ 54.2076, 53.4281,
91.4600

393.0866,
399.9254, 553.4610

■ 38.9990, 38.1446,
68.6117

■ 95.5341, 95.2340,
151.3179

■ 26.9397, 26.0950,
49.9257

122.3827,
122.5253, 189.1646

■ 17.6643, 16.8947,
34.9836

153.8420,
154.5879, 232.8479

■ 10.8074, 10.1594,
23.3668

190.2774,
191.8063, 282.7862

■ 6.0038, 5.5048,
14.6567

232.0542,
234.5648, 339.3981

■ 2.8881, 2.5464,
8.4349

279.5377,

■ 1.0949, 0.8998,

283.2479, 403.1022

4.2827

333.0934,
338.2400, 474.3170

■ 0.0208, 0.0000,
1.7817

■ 0.0000, 0.0000,
0.4158

■ 54.2076, 53.4281,
91.4600

■ 54.2076, 53.4281,
91.4600

■ 44.5445, 41.9833,
89.7611

■ 65.5652, 66.7873,
93.4409

■ 36.4896, 32.3589,
88.3280

■ 78.6880, 82.1365,
95.7119

■ 29.9565, 24.4626,
87.1482

■ 93.0272, 99.1909,
98.2480

■ 24.8488, 18.1913,
86.2069

■ 21.0588, 13.4308,
85.4878

■ 18.4633, 10.0521,
84.9724

■ 16.9151, 7.9038,
84.6394

■ 16.3757, 7.1079,
84.5142

Harmonies

Analogous

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



48.7520, 53.4281, 92.8092



54.2076, 53.4281, 91.4600



59.0571, 53.4281, 80.3112

Triad

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



54.2076, 53.4281, 91.4600



58.0157, 53.4281, 38.4369



41.1914, 53.4281, 52.4783

Complementary

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



54.2076, 53.4281, 91.4600



75.2657, 82.3289, 57.2730

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.



43.3181, 53.4281, 40.5319



54.2076, 53.4281, 91.4600



52.8672, 53.4281, 33.4466

Square

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



54.2076, 53.4281, 91.4600



61.3618, 53.4281, 49.0938



47.5035, 53.4281, 34.1379



41.4937, 53.4281, 68.3102

Rectangle

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



54.2076, 53.4281, 91.4600



61.1730, 53.4281, 69.7790



47.5035, 53.4281, 34.1379



41.6394, 53.4281, 47.9330

Sweetspot

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



54.2093, 53.4302, 91.4612



83.8908, 86.9816, 106.9754



66.5496, 79.7073, 90.6526



17.7603, 18.3889, 22.8633



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.



54.2093, 53.4302, 91.4612



55.2514, 53.3170, 101.9869



58.6872, 53.8484, 91.3059



15.0289, 15.4918, 19.9197



8.8427, 3.9096, 45.4164



0.7793, 0.4125, 3.7928

Inverse Universe

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



63.0541, 56.8774, 56.3727



66.9270, 57.9893, 55.6404



69.8496, 82.1453, 57.5230



15.8393, 15.7854, 16.7098



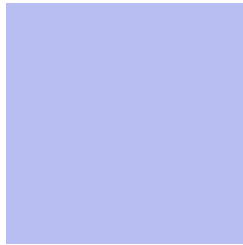
19.7890, 10.1880, 1.5395



1.6683, 0.8564, 0.2441

Previews

White Background



This preview shows how the XYZ color 54.2076, 53.4281, 91.4600 looks on a white background.

Color Contrast Check

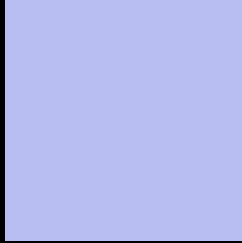
Large Text (above 18pt) WCAG AA × Fail

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 54.2076, 53.4281, 91.4600 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

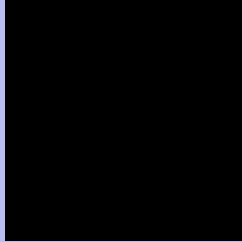
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 54.2076, 53.4281, 91.4600

Background



This preview shows how black text looks on a background with the XYZ color 54.2076, 53.4281, 91.4600.



This preview shows how white text looks on a background with the XYZ color 54.2076, 53.4281,

91.4600.

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

54.2076, 53.4281, 91.4600

Protanopia

53.6309, 53.4360, 92.2815

Deuteranopia

54.4743, 53.2451, 91.4106



Tritanopia

49.8579, 53.6480, 69.3553

Trichromacy



Original Color

54.2076, 53.4281, 91.4600

Protanomaly

53.8645, 53.5564, 92.2925

Deuteranomaly

54.2322, 53.1203, 91.3993

Tritanomaly

51.2990, 53.5608, 76.7418

Monochromacy



Original Color

54.2076, 53.4281, 91.4600

Achromatopsia

51.2775, 53.9479, 58.7493

Achromatomaly

52.0630, 53.7902, 69.2666

CSS Examples

Text

The CSS property to change the color of the text to XYZ 54.2076, 53.4281, 91.4600 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(184, 190, 242)` looks like.

```
.text, #text, p{  
    color:rgb(184, 190, 242)  
}
```

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(184, 190, 242) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(184, 190, 242) }
```

Border

The CSS property to change the border of an element to XYZ 54.2076, 53.4281, 91.4600 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(184, 190, 242) }
```


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

```
.border{ border-color:rgb(184, 190, 242) }
```

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

Here you see how a box with a 4 pixel `rgb(184, 190, 242)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(184, 190, 242); -webkit-box-  
shadow:4px 4px 4px 4px rgb(184, 190, 242);  
box-shadow:4px 4px 4px 4px rgb(184, 190,  
242) }
```

Background

The CSS property to change the background color of an element to XYZ 54.2076, 53.4281, 91.4600 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(184, 190, 242) }
```

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

```
.background{ background-color: rgb(184,  
190, 242) }
```

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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