

Converting Colors

XYZ(53.2980, 50.9480, 96.6535)

Have a look what the booklet for
XYZ(53.2980, 50.9480, 96.6535)
contains.

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Color

**XYZ(53.2954, 50.9443,
96.6468)**

Conversions

Conversions Part 1

Format	Color
Hex	B5B8F9
RGB	181, 184, 249
RGB Percent	71%, 72%, 98%
CMY	0.2902, 0.2784, 0.0235
CMYK	0.27, 0.26, 0.00, 0.02
HSL	237°, 85%, 84%
HSV	237°, 27%, 98%
XYZ	53.2954, 50.9443, 96.6468
YIQ	190.5130, -22.6530, 19.5790

Conversions

Conversions Part 2

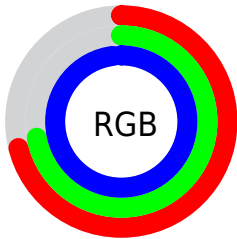
Format	Color
R _Y B	181, 184, 249
Decimal	11909369
CIE Lab	76.65, 12.97, -32.48
CIE LCh	77, 34.971, 291.777
Yxy	50.9443, 0.2653, 0.2536
Android (android.graphics.Color)	4290099449 (0xFFB5B8F9)
YUV	190.5130, 28.8341, -8.3429
Hunter-Lab	71.3753, 8.3779, -30.3199

Details

The XYZ color **53.2954, 50.9443, 96.6468** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **80.3639, 89.3879, 56.7356**, and the grayscale version is **49.0889, 51.6453, 56.2417**.

A 20% lighter version of the original color is **84.4700, 87.7173, 107.0868**, and **26.3831, 24.5504, 53.2173** is the 20% darker color. If you saturate the color by 10%, you get **43.4352, 39.1297, 94.8869**, and if you desaturate by 10%, it is **65.0341, 64.9643, 98.7351**.

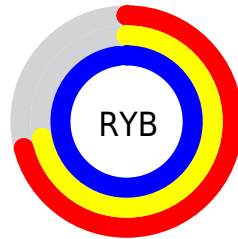
Distribution



Red (71%)

Green (72%)

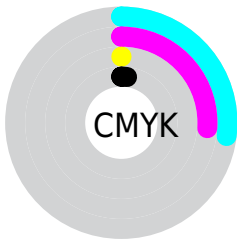
Blue (98%)



Red (71%)

Yellow (72%)

Blue (98%)

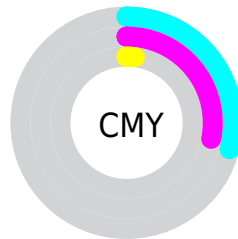


Cyan (27%)

Magenta (26%)

Yellow (0%)

Black (2%)



Cyan (29%)

Magenta (28%)

Yellow (2%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 53.2954, 50.9443, 96.6468 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 53.2954, 50.9443, 96.6468 by changing the saturation by 10% instead.

■ 53.2954, 50.9443,
96.6468

■ 53.2954, 50.9443,
96.6468

389.6598,
390.3473, 570.5422

■ 38.2671, 36.1643,
72.9019

■ 94.2019, 91.5724,
158.5529

■ 26.3682, 24.5611,
53.4044

120.8107,
118.1893, 197.5511

■ 17.2334, 15.7504,
37.7358

152.0105,
149.5207, 242.4710

■ 10.4974, 9.3477,
25.4775

188.1664,
185.9508, 293.7309

■ 5.7947, 4.9686,
16.2109

229.6440,
227.8641, 351.7494

■ 2.7601, 2.2289,
9.5175

276.8085,

■ 1.0282, 0.7357,

275.6451, 416.9451

4.9789

330.0253,
329.6780, 489.7365

■ 0.0000, 0.0000,
2.1763

■ 0.0000, 0.0000,
0.6607

■ 53.2954, 50.9443,
96.6468

■ 53.2954, 50.9443,
96.6468

■ 43.4352, 39.1297,
94.8869

■ 65.0341, 64.9643,
98.7351

■ 35.3514, 29.4027,
93.4355

■ 78.7365, 81.2876,
101.1636

■ 28.9396, 21.6436,
92.2758

■ 94.0991, 99.6196,
103.8924

■ 24.0827, 15.7181,
91.3880

■ 20.6483, 11.4753,
90.7501

■ 18.4822, 8.7399,
90.3363

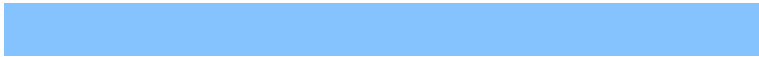
■ 17.3896, 7.2961,
90.1152

■ 17.2186, 7.0787,
90.0822

Harmonies

Analogous

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



46.6242, 50.9443, 99.9049



53.2954, 50.9443, 96.6468



59.1181, 50.9443, 81.2029

Triad

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



53.2954, 50.9443, 96.6468



56.7262, 50.9443, 31.4888



36.8904, 50.9443, 50.4201

Complementary

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



53.2954, 50.9443, 96.6468



80.3639, 89.3879, 56.7356

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.



39.0990, 50.9443, 35.8435



53.2954, 50.9443, 96.6468



50.2635, 50.9443, 26.6606

Square

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



53.2954, 50.9443, 96.6468



61.2211, 50.9443, 43.0218



43.8533, 50.9443, 28.0495



37.5424, 50.9443, 70.1132

Rectangle

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



53.2954, 50.9443, 96.6468



61.5371, 50.9443, 67.6608



43.8533, 50.9443, 28.0495



37.3151, 50.9443, 44.8386

Sweetspot

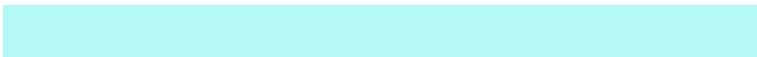
The Sweet Spot groups the original color and five complimentary colors.



53.2971, 50.9463, 96.6480



82.0308, 84.5177, 106.5978



69.5062, 84.2055, 99.4581



17.0673, 17.5062, 22.7294



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.



53.2971, 50.9463, 96.6480



50.0571, 46.3514, 100.9162



60.6603, 53.8266, 96.8158



16.3445, 16.7657, 21.7600



9.2432, 3.8419, 48.2279



0.8770, 0.3977, 4.4737

Inverse Universe

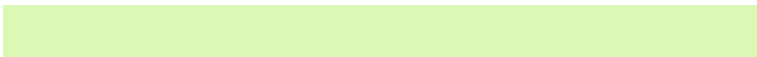
The Inverse Universe completely reimagines the original color for something new.



64.2439, 56.6498, 52.8980



63.4697, 53.4072, 47.2965



71.2506, 86.0558, 56.5728



17.2757, 17.2376, 18.0413



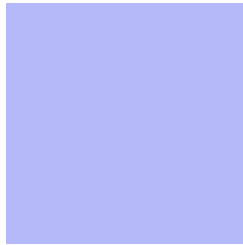
20.9575, 10.7987, 1.2189



1.9516, 1.0044, 0.1686

Previews

White Background



This preview shows how the XYZ color 53.2954, 50.9443, 96.6468 looks on a white background.

Color Contrast Check

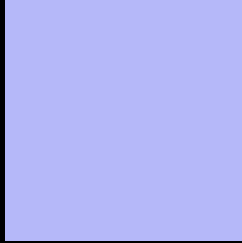
Large Text (above 18pt) WCAG AA × Fail

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 53.2954, 50.9443, 96.6468 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 53.2954, 50.9443, 96.6468

Background



This preview shows how black text looks on a background with the XYZ color 53.2954, 50.9443, 96.6468.



This preview shows how white text looks on a background with the XYZ color 53.2954, 50.9443,

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

53.2954, 50.9443, 96.6468

Protanopia

51.9775, 51.1636, 98.4028

Deuteranopia

52.3370, 51.0713, 96.7218



Tritanopia

47.3457, 51.0885, 66.3972

Trichromacy



Original Color

53.2954, 50.9443, 96.6468

Protanomaly

52.4934, 51.1339, 97.5456

Deuteranomaly

52.5793, 50.8846, 96.6730

Tritanomaly

49.2869, 50.8992, 76.3341

Monochromacy



Original Color

53.2954, 50.9443, 96.6468

Achromatopsia

49.5206, 52.0996, 56.7364

Achromatomaly

50.3604, 51.2847, 69.5320

CSS Examples

Text

The CSS property to change the color of the text to XYZ 53.2954, 50.9443, 96.6468 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, 184, 249)` looks like.

```
.text, #text, p{  
    color:rgb(181, 184, 249)  
}
```

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, 184, 249) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(181, 184, 249) }
```

Border

The CSS property to change the border of an element to XYZ 53.2954, 50.9443, 96.6468 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, 184, 249) }
```


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

```
.border{ border-color:rgb(181, 184, 249) }
```

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

Here you see how a box with a 4 pixel `rgb(181, 184, 249)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(181, 184, 249); -webkit-box-  
shadow:4px 4px 4px 4px rgb(181, 184, 249);  
box-shadow:4px 4px 4px 4px rgb(181, 184,  
249) }
```

Background

The CSS property to change the background color of an element to XYZ 53.2954, 50.9443, 96.6468 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(181, 184, 249) }
```

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

```
.background{ background-color: rgb(181,  
184, 249) }
```

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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