

Converting Colors

XYZ(53.3138, 50.3218,
101.5109)

Have a look what the booklet for
XYZ(53.3138, 50.3218, 101.5109)
contains.

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Color

**XYZ(53.3684, 50.2596,
101.4960)**

Conversions

Conversions Part 1

Format	Color
Hex	B3B6FF
RGB	179, 182, 255
RGB Percent	70%, 71%, 100%
CMY	0.2980, 0.2863, 0.0000
CMYK	0.30, 0.29, 0.00, 0.00
HSL	238°, 100%, 85%
HSV	238°, 30%, 100%
XYZ	53.3684, 50.2596, 101.4960
YIQ	189.4250, -25.2210, 22.0670

Conversions

Conversions Part 2

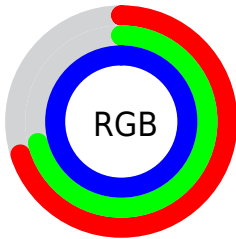
Format	Color
R_{YB}	179, 182, 255
Decimal	11777791
CIE _{Lab}	76.23, 14.96, -36.36
CIE _{LCh}	76, 39.314, 292.365
Yxy	50.2596, 0.2602, 0.2450
Android (android.graphics.Color)	4289967871 (0xFFB3B6FF)
YUV	189.4250, 32.3285, -9.1427
Hunter-Lab	70.8940, 10.3088, -35.2572

Details

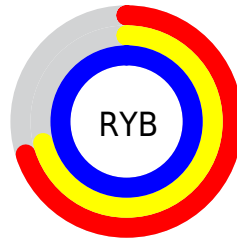
The XYZ color **53.3684, 50.2596, 101.4960** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **84.1875, 94.1358, 56.3827**, and the grayscale version is **48.4454, 50.9683, 55.5045**.

A 20% lighter version of the original color is **83.2166, 86.2019, 106.8604**, and **26.3555, 24.0628, 56.6816** is the 20% darker color. If you saturate the color by 10%, you get **43.4256, 38.3283, 99.7171**, and if you desaturate by 10%, it is **65.2813, 64.5110, 103.6189**.

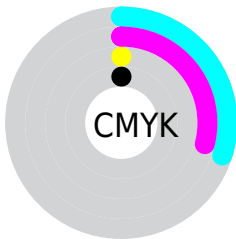
Distribution



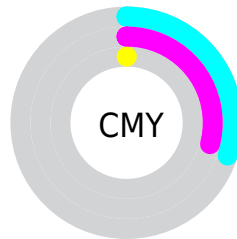
- Red (70%)
- Green (71%)
- Blue (100%)



- Red (70%)
- Yellow (71%)
- Blue (100%)



- Cyan (30%)
- Magenta (29%)
- Yellow (0%)
- Black (0%)



- Cyan (30%)
- Magenta (29%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 53.3684, 50.2596, 101.4960 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 53.3684, 50.2596, 101.4960 by changing the saturation by 10% instead.

■ 53.3684, 50.2596,
101.4960

■ 53.3684, 50.2596,
101.4960

389.9347,
387.6803, 586.2660

■ 38.3256, 35.6197,
76.9267

■ 94.3086, 90.5594,
165.2813

■ 26.4139, 24.1406,
56.6815

120.9367,
116.9881, 205.3343

■ 17.2678, 15.4380,
40.3419

152.1573,
148.1152, 251.3857

■ 10.5221, 9.1273,
27.4894

188.3357,
184.3250, 303.8539

■ 5.8114, 4.8243,
17.7055

229.8372,
226.0021, 363.1575

■ 2.7703, 2.1446,
10.5715

277.0274,

■ 1.0335, 0.6895,

273.5307, 429.7150

5.6690

330.2714,
327.2953, 503.9450

■ 0.0000, 0.0000,
2.5793

■ 0.0000, 0.0000,
0.8818

■ 53.3684, 50.2596,
101.4960

■ 53.3684, 50.2596,
101.4960

■ 43.4256, 38.3283,
99.7171

■ 65.2813, 64.5110,
103.6189

■ 35.3425, 28.5891,
98.2632

■ 79.2576, 81.1901,
106.1017

■ 29.0047, 20.9101,
97.1151

95.0500, 100.0000,
108.9000

■ 24.2835, 15.1432,
96.2508

■ 21.0324, 11.1203,
95.6456

■ 19.0784, 8.6442,
95.2707

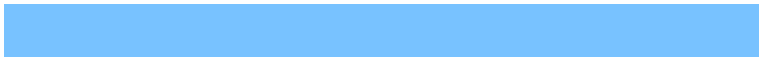
■ 18.1709, 7.4524,
95.0885

■ 18.1593, 7.4385,
95.0864

Harmonies

Analogous

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



45.9119, 50.2596, 105.6162



53.3684, 50.2596, 101.4960



59.8956, 50.2596, 83.4390

Triad

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



53.3684, 50.2596, 101.4960



56.9575, 50.2596, 28.4637



35.0553, 50.2596, 49.5066

Complementary

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



53.3684, 50.2596, 101.4960



84.1875, 94.1358, 56.3827

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.



37.4029, 50.2596, 33.4928



53.3684, 50.2596, 101.4960



49.6781, 50.2596, 23.5477

Square

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



53.3684, 50.2596, 101.4960



62.1118, 50.2596, 40.6872



42.5779, 50.2596, 25.1164



35.8259, 50.2596, 71.6669

Rectangle

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



53.3684, 50.2596, 101.4960



62.5896, 50.2596, 67.9647



42.5779, 50.2596, 25.1164



35.4967, 50.2596, 43.3256

Sweetspot

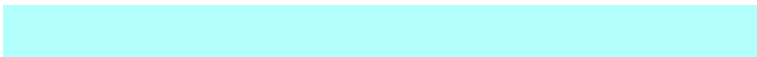
The Sweet Spot groups the original color and five complimentary colors.



53.3699, 50.2615, 101.4963



80.4714, 82.6370, 106.3170



71.7954, 88.0818, 104.6498



16.7553, 17.1288, 22.6730



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.



53.3699, 50.2615, 101.4963



46.9817, 42.6005, 100.3543



61.6701, 53.6381, 101.7106



17.0605, 17.4926, 22.7272



9.5135, 3.9365, 49.6930



0.9456, 0.4220, 4.8449

Inverse Universe

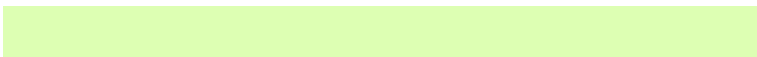
The Inverse Universe completely reimagines the original color for something new.



65.8047, 56.8792, 51.7684



61.3315, 50.3090, 42.9519



73.6555, 90.1159, 56.1619



18.0384, 17.9987, 18.8195



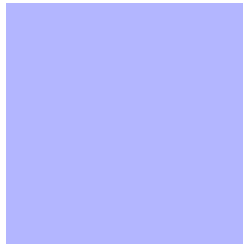
21.5901, 11.1254, 1.2263



2.1119, 1.0871, 0.1708

Previews

White Background



This preview shows how the XYZ color 53.3684, 50.2596, 101.4960 looks on a white background.

Color Contrast Check

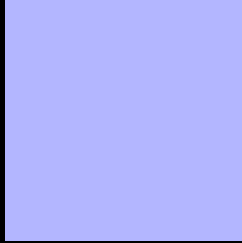
Large Text (above 18pt) WCAG AA × Fail

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 53.3684, 50.2596, 101.4960 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 53.3684, 50.2596, 101.4960

Background



This preview shows how black text looks on a background with the XYZ color 53.3684, 50.2596, 101.4960.

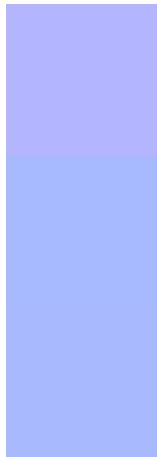


This preview shows how white text looks on a background with the XYZ color 53.3684, 50.2596,

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

53.3684, 50.2596, 101.4960

Protanopia

51.3353, 50.1334, 101.5788

Deuteranopia

51.6005, 50.2887, 100.7530



Tritanopia

46.1336, 50.1529, 65.6415

Trichromacy



Original Color

53.3684, 50.2596, 101.4960

Protanomaly

51.9851, 50.1589, 101.5495

Deuteranomaly

52.2635, 50.3210, 100.7243

Tritanomaly

48.6713, 50.2325, 77.6516

Monochromacy



Original Color

53.3684, 50.2596, 101.4960

Achromatopsia

48.3692, 50.8881, 55.4172

Achromatomaly

49.5767, 50.2362, 70.0344

CSS Examples

Text

The CSS property to change the color of the text to XYZ 53.3684, 50.2596, 101.4960 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(179, 182, 255)` looks like.

```
.text, #text, p{  
    color:rgb(179, 182, 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(179, 182, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(179, 182, 255) }
```

Border

The CSS property to change the border of an element to XYZ 53.3684, 50.2596, 101.4960 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(179, 182, 255) }
```


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

```
.border{ border-color:rgb(179, 182, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(179, 182, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(179, 182, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(179, 182, 255);  
box-shadow:4px 4px 4px 4px rgb(179, 182,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 53.3684, 50.2596, 101.4960 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(179, 182, 255) }
```

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

```
.background{ background-color: rgb(179,  
182, 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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