

Converting Colors

XYZ(55.8802, 53.4365,
101.1350)

Have a look what the booklet for
XYZ(55.8802, 53.4365, 101.1350)
contains.

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Color

**XYZ(55.8802, 53.4365,
101.1350)**

Conversions

Conversions Part 1

Format	Color
Hex	B9BCFE
RGB	185, 188, 254
RGB Percent	73%, 74%, 100%
CMY	0.2745, 0.2627, 0.0039
CMYK	0.27, 0.26, 0.00, 0.00
HSL	237°, 97%, 86%
HSV	237°, 27%, 100%
XYZ	55.8802, 53.4365, 101.1350
YIQ	194.6270, -22.9740, 19.8900

Conversions

Conversions Part 2

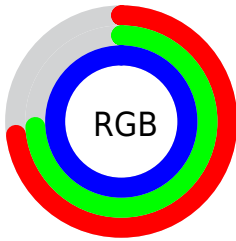
Format	Color
R _Y B	185, 188, 254
Decimal	12172542
CIE Lab	78.13, 13.13, -32.84
CIE LCh	78, 35.368, 291.785
Yxy	53.4365, 0.2655, 0.2539
Android (android.graphics.Color)	4290362622 (0xFFB9BCFE)
YUV	194.6270, 29.2709, -8.4429
Hunter-Lab	73.1003, 8.5257, -30.8581

Details

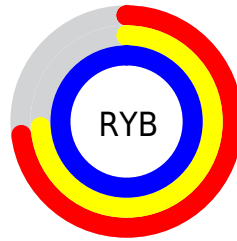
The XYZ color **55.8802, 53.4365, 101.1350** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **84.1281, 93.5686, 59.5272**, and the grayscale version is **51.4928, 54.1744, 58.9959**.

A 20% lighter version of the original color is **87.0186, 90.7986, 107.5473**, and **27.9479, 26.1050, 56.3891** is the 20% darker color. If you saturate the color by 10%, you get **45.5309, 41.0352, 99.2877**, and if you desaturate by 10%, it is **68.2013, 68.1535, 103.3272**.

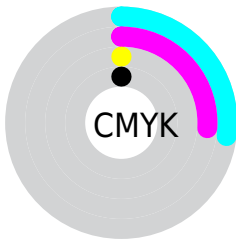
Distribution



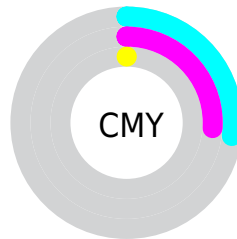
- Red (73%)
- Green (74%)
- Blue (100%)



- Red (73%)
- Yellow (74%)
- Blue (100%)



- Cyan (27%)
- Magenta (26%)
- Yellow (0%)
- Black (0%)



- Cyan (27%)
- Magenta (26%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 55.8802, 53.4365, 101.1350 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 55.8802, 53.4365, 101.1350 by changing the saturation by 10% instead.

■ 55.8802, 53.4365,
101.1350

■ 55.8802, 53.4365,
101.1350

399.3222,
399.9576, 585.1032

■ 40.3435, 38.1513,
76.6266

■ 97.9702, 95.2464,
164.7815

■ 27.9919, 26.1002,
56.4367

125.2543,
122.5399, 204.7567

■ 18.4600, 16.8986,
40.1468

157.1848,
154.6049, 250.7246

■ 11.3824, 10.1622,
27.3384

194.1272,
191.8259, 303.1037

■ 6.3938, 5.5066,
17.5929

236.4467,
234.5873, 362.3126

■ 3.1289, 2.5475,
10.4917

284.5089,

■ 1.2223, 0.9003,

283.2735, 428.7698

5.6163

338.6789,
338.2687, 502.8938

■ 0.1239, 0.0000,
2.5482

■ 0.0000, 0.0000,
0.8655

■ 55.8802, 53.4365,
101.1350

■ 55.8802, 53.4365,
101.1350

■ 45.5309, 41.0352,
99.2877

■ 68.2013, 68.1535,
103.3272

■ 37.0460, 30.8259,
97.7643

■ 82.5834, 85.2891,
105.8767

■ 30.3162, 22.6828,
96.5472

94.8896, 99.9358,
108.0552

■ 25.2184, 16.4650,
95.6157

■ 21.6138, 12.0137,
94.9465

■ 19.3403, 9.1450,
94.5127

■ 18.1950, 7.6328,
94.2811

■ 18.0098, 7.3962,
94.2452

Harmonies

Analogous

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



48.9155, 53.4365, 104.5354



55.8802, 53.4365, 101.1350



61.9563, 53.4365, 85.0292

Triad

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



55.8802, 53.4365, 101.1350



59.4572, 53.4365, 33.1218



38.7457, 53.4365, 52.9154

Complementary

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



55.8802, 53.4365, 101.1350



84.1281, 93.5686, 59.5272

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.



41.0527, 53.4365, 37.6818



55.8802, 53.4365, 101.1350



52.7114, 53.4365, 28.0716

Square

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



55.8802, 53.4365, 101.1350



64.1484, 53.4365, 45.1773



46.0183, 53.4365, 29.5270



39.4278, 53.4365, 73.4727

Rectangle

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



55.8802, 53.4365, 101.1350



64.4796, 53.4365, 70.9019



46.0183, 53.4365, 29.5270



39.1892, 53.4365, 47.0846

Sweetspot

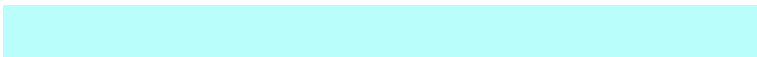
The Sweet Spot groups the original color and five complimentary colors.



55.8820, 53.4386, 101.1362



82.0270, 84.5102, 106.5965



72.7924, 88.1358, 104.0716



17.0664, 17.5043, 22.7291



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.



55.8820, 53.4386, 101.1362



50.0466, 46.3305, 100.9127



63.5735, 56.4620, 101.3144



17.0664, 17.5043, 22.7291



9.5218, 3.9532, 49.6958



0.9484, 0.4275, 4.8458

Inverse Universe

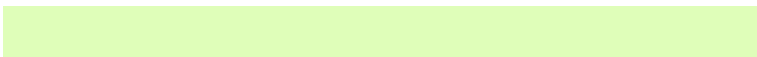
The Inverse Universe completely reimagines the original color for something new.



67.3006, 59.4013, 55.4976



63.4644, 53.4051, 47.2687



74.6161, 90.0676, 59.3528



18.0414, 17.9999, 18.8351



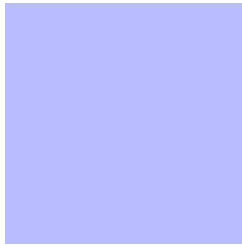
21.5944, 11.1270, 1.2484



2.1133, 1.0877, 0.1782

Previews

White Background



This preview shows how the XYZ color 55.8802, 53.4365, 101.1350 looks on a white background.

Color Contrast Check

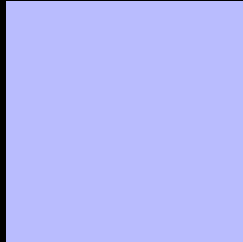
Large Text (above 18pt) WCAG AA × Fail

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 55.8802, 53.4365, 101.1350 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

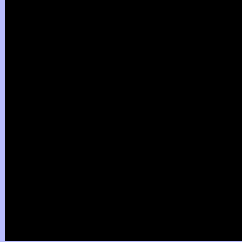
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 55.8802, 53.4365, 101.1350

Background



This preview shows how black text looks on a background with the XYZ color 55.8802, 53.4365, 101.1350.

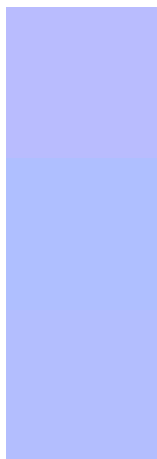


This preview shows how white text looks on a background with the XYZ color 55.8802, 53.4365,

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

55.8802, 53.4365, 101.1350

Protanopia

54.3600, 53.5956, 102.0876

Deuteranopia

54.8933, 53.5664, 101.2121



Tritanopia

49.4023, 53.4131, 69.3340

Trichromacy



Original Color

55.8802, 53.4365, 101.1350

Protanomaly

55.0539, 53.6306, 102.0578

Deuteranomaly

55.1430, 53.3747, 101.1619

Tritanomaly

51.5255, 53.2697, 80.2394

Monochromacy



Original Color

55.8802, 53.4365, 101.1350

Achromatopsia

51.8711, 54.5724, 59.4294

Achromatomaly

52.7302, 53.7335, 72.5582

CSS Examples

Text

The CSS property to change the color of the text to XYZ 55.8802, 53.4365, 101.1350 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(185, 188, 254)` looks like.

```
.text, #text, p{  
    color:rgb(185, 188, 254)  
}
```

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(185, 188, 254) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(185, 188, 254) }
```

Border

The CSS property to change the border of an element to XYZ 55.8802, 53.4365, 101.1350 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(185, 188, 254) }
```


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

```
.border{ border-color:rgb(185, 188, 254) }
```

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

Here you see how a box with a 4 pixel `rgb(185, 188, 254)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(185, 188, 254); -webkit-box-  
shadow:4px 4px 4px 4px rgb(185, 188, 254);  
box-shadow:4px 4px 4px 4px rgb(185, 188,  
254) }
```

Background

The CSS property to change the background color of an element to XYZ 55.8802, 53.4365, 101.1350 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(185, 188, 254) }
```

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

```
.background{ background-color: rgb(185,  
188, 254) }
```

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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