

Converting Colors

XYZ(53.4165, 51.7167, 92.7549)

Have a look what the booklet for
XYZ(53.4165, 51.7167, 92.7549)
contains.

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Color

**XYZ(53.4165, 51.7167,
92.7549)**

Conversions

Conversions Part 1

Format	Color
Hex	B7BAF4
RGB	183, 186, 244
RGB Percent	72%, 73%, 96%
CMY	0.2823, 0.2706, 0.0431
CMYK	0.25, 0.24, 0.00, 0.04
HSL	237°, 73%, 84%
HSV	237°, 25%, 96%
XYZ	53.4165, 51.7167, 92.7549
YIQ	191.7150, -20.4060, 17.4020

Conversions

Conversions Part 2

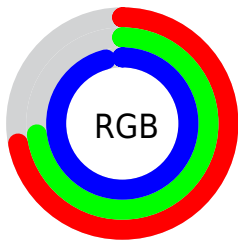
Format	Color
R _Y B	183, 186, 244
Decimal	12040948
CIE Lab	77.11, 11.28, -29.06
CIE LCh	77, 31.168, 291.213
Yxy	51.7167, 0.2699, 0.2613
Android (android.graphics.Color)	4290231028 (0xFFB7BAF4)
YUV	191.7150, 25.7765, -7.6431
Hunter-Lab	71.9143, 6.7361, -26.1321

Details

The XYZ color **53.4165, 51.7167, 92.7549** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **77.3116, 85.5633, 57.2421**, and the grayscale version is **49.8012, 52.3948, 57.0579**.

A 20% lighter version of the original color is **85.7373, 89.2495, 107.3158**, and **26.5179, 25.0730, 51.0189** is the 20% darker color. If you saturate the color by 10%, you get **43.6112, 39.9869, 91.0085**, and if you desaturate by 10%, it is **65.0247, 65.5562, 94.8152**.

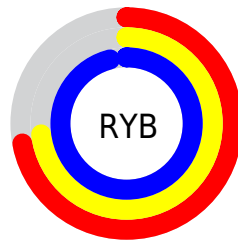
Distribution



Red (72%)

Green (73%)

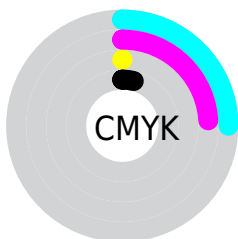
Blue (96%)



Red (72%)

Yellow (73%)

Blue (96%)

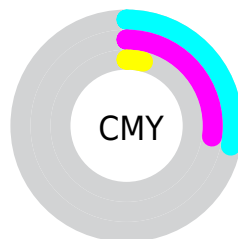


Cyan (25%)

Magenta (24%)

Yellow (0%)

Black (4%)



Cyan (28%)

Magenta (27%)

Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 53.4165, 51.7167, 92.7549 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 53.4165, 51.7167, 92.7549 by changing the saturation by 10% instead.

■ 53.4165, 51.7167,
92.7549

■ 53.4165, 51.7167,
92.7549

390.1158,
393.3419, 557.7520

■ 38.3642, 36.7793,
69.6813

■ 94.3789, 92.7133,
153.1280

■ 26.4440, 25.0367,
50.7915

121.0197,
119.5413, 191.2646

■ 17.2905, 16.1044,
35.6672

152.2540,
151.1016, 235.2592

■ 10.5384, 9.5980,
23.8896

188.4471,
187.7787, 285.5304

■ 5.8224, 5.1333,
15.0403

229.9645,
229.9568, 342.4967

■ 2.7770, 2.3257,
8.7007

277.1716,

■ 1.0370, 0.7872,

278.0205, 406.5767

4.4524

330.4335,
332.3541, 478.1890

■ 0.0000, 0.0000,
1.8766

■ 0.0000, 0.0000,
0.4778

■ 53.4165, 51.7167,
92.7549

■ 53.4165, 51.7167,
92.7549

■ 43.6112, 39.9869,
91.0085

■ 65.0247, 65.5562,
94.8152

■ 35.5135, 30.2574,
89.5573

■ 78.5145, 81.5953,
97.2001

■ 29.0273, 22.4182,
88.3861

■ 93.3293, 99.3117,
99.8389

■ 24.0446, 16.3465,
87.4767

■ 20.4444, 11.9048,
86.8091

■ 18.0868, 8.9352,
86.3602

■ 16.8023, 7.2484,
86.1023

■ 16.4608, 6.7947,
86.0327

Harmonies

Analogous

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



47.4263, 51.7167, 95.3412



53.4165, 51.7167, 92.7549



58.6332, 51.7167, 79.4568

Triad

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



53.4165, 51.7167, 92.7549



56.6839, 51.7167, 34.4189



38.6837, 51.7167, 51.4473

Complementary

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



53.4165, 51.7167, 92.7549



77.3116, 85.5633, 57.2421

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.



40.7579, 51.7167, 38.1623



53.4165, 51.7167, 92.7549



50.9255, 51.7167, 29.7187

Square

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



53.4165, 51.7167, 92.7549



60.6231, 51.7167, 45.2573



45.1267, 51.7167, 30.9348



39.2332, 51.7167, 69.0314

Rectangle

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



53.4165, 51.7167, 92.7549



60.8140, 51.7167, 67.5478



45.1267, 51.7167, 30.9348



39.0907, 51.7167, 46.3945

Sweetspot

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



53.4182, 51.7188, 92.7561



83.6079, 86.4158, 106.8810



67.7501, 81.1176, 95.2673



17.6950, 18.2583, 22.8415



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.



53.4182, 51.7188, 92.7561



53.3069, 50.3080, 101.5086



59.9707, 54.1681, 92.8835



15.6465, 16.0574, 20.8173



8.9783, 3.7503, 46.7887



0.8117, 0.3748, 4.1198

Inverse Universe

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



63.1061, 56.6469, 54.0643



65.7308, 56.6884, 51.8762



69.3809, 82.8042, 57.1276



16.5322, 16.4957, 17.2830



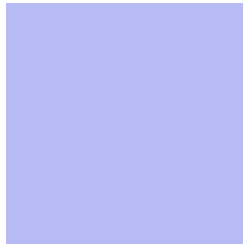
20.3363, 10.4780, 1.2136



1.7988, 0.9255, 0.1667

Previews

White Background



This preview shows how the XYZ color 53.4165, 51.7167, 92.7549 looks on a white background.

Color Contrast Check

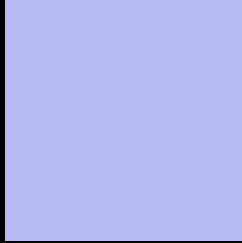
Large Text (above 18pt) WCAG AA × Fail

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 53.4165, 51.7167, 92.7549 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

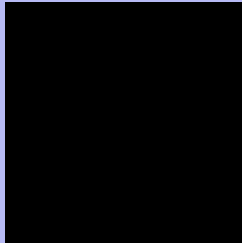
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 53.4165, 51.7167, 92.7549

Background



This preview shows how black text looks on a background with the XYZ color 53.4165, 51.7167, 92.7549.



This preview shows how white text looks on a background with the XYZ color 53.4165, 51.7167,

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

53.4165, 51.7167, 92.7549

Protanopia

52.2970, 51.7342, 94.4181

Deuteranopia

52.9218, 51.7756, 92.7924



Tritanopia

48.3596, 51.9241, 67.1480

Trichromacy



Original Color

53.4165, 51.7167, 92.7549

Protanomaly

52.6119, 51.5982, 93.5727

Deuteranomaly

53.1555, 51.8961, 92.8033

Tritanomaly

50.0550, 51.6311, 75.7342

Monochromacy



Original Color

53.4165, 51.7167, 92.7549

Achromatopsia

50.1023, 52.7115, 57.4028

Achromatomaly

51.1576, 52.3489, 69.0361

CSS Examples

Text

The CSS property to change the color of the text to XYZ 53.4165, 51.7167, 92.7549 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(183, 186, 244)` looks like.

```
.text, #text, p{  
    color:rgb(183, 186, 244)  
}
```

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(183, 186, 244) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(183, 186, 244) }
```

Border

The CSS property to change the border of an element to XYZ 53.4165, 51.7167, 92.7549 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(183, 186, 244) }
```


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

```
.border{ border-color:rgb(183, 186, 244) }
```

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

Here you see how a box with a 4 pixel `rgb(183, 186, 244)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(183, 186, 244); -webkit-box-  
shadow:4px 4px 4px 4px rgb(183, 186, 244);  
box-shadow:4px 4px 4px 4px rgb(183, 186,  
244) }
```

Background

The CSS property to change the background color of an element to XYZ 53.4165, 51.7167, 92.7549 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(183, 186, 244) }
```

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

```
.background{ background-color: rgb(183,  
186, 244) }
```

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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