

Converting Colors

XYZ(54.5232, 51.7026, 76.9381)

Have a look what the booklet for
XYZ(54.5232, 51.7026, 76.9381)
contains.

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Color

**XYZ(54.6099, 51.7512,
76.9228)**

Conversions

Conversions Part 1

Format	Color
Hex	CAB7DF
RGB	202, 183, 223
RGB Percent	79%, 72%, 87%
CMY	0.2078, 0.2823, 0.1255
CMYK	0.09, 0.18, 0.00, 0.13
HSL	268°, 38%, 80%
HSV	268°, 18%, 87%
XYZ	54.6099, 51.7512, 76.9228
YIQ	193.2410, -1.5160, 16.4680

Conversions

Conversions Part 2

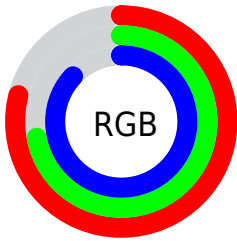
Format	Color
R_{YB}	202, 183, 223
Decimal	13285343
CIE _{Lab}	77.13, 14.24, -17.55
CIE _{LCh}	77, 22.603, 309.046
Yxy	51.7512, 0.2980, 0.2824
Android (android.graphics.Color)	4291475423 (0xFFCAB7DF)
YUV	193.2410, 14.6712, 7.6816
Hunter-Lab	71.9383, 9.6111, -13.0413

Details

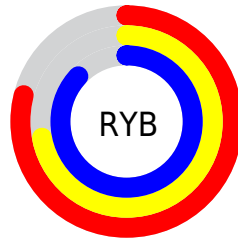
The XYZ color **54.6099, 51.7512, 76.9228** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **59.8385, 69.0329, 54.9730**, and the grayscale version is **50.7486, 53.3915, 58.1434**.

A 20% lighter version of the original color is **90.1565, 90.2130, 107.2688**, and **27.2633, 25.0883, 40.4514** is the 20% darker color. If you saturate the color by 10%, you get **47.3214, 41.6993, 75.3675**, and if you desaturate by 10%, it is **62.8707, 63.3888, 78.7345**.

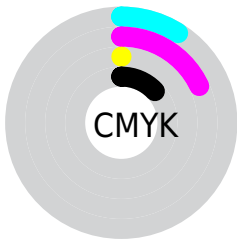
Distribution



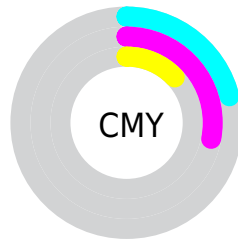
- Red (79%)
- Green (72%)
- Blue (87%)



- Red (79%)
- Yellow (72%)
- Blue (87%)



- Cyan (9%)
- Magenta (18%)
- Yellow (0%)
- Black (13%)



- Cyan (21%)
- Magenta (28%)
- Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 54.6099, 51.7512, 76.9228 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 54.6099, 51.7512, 76.9228 by changing the saturation by 10% instead.

■ 54.6099, 51.7512,
76.9228

■ 54.6099, 51.7512,
76.9228

394.5920,
393.4753, 503.9314

■ 39.3221, 36.8068,
56.6783

■ 96.1208, 92.7642,
130.8025

■ 27.1922, 25.0579,
40.3394

123.0746,
119.6016, 165.2748

■ 17.8550, 16.1202,
27.4875

154.6478,
151.1721, 205.3269

■ 10.9450, 9.6093,
17.7040

191.2058,
187.8602, 251.3771

■ 6.0969, 5.1407,
10.5704

233.1138,
230.0501, 303.8442

■ 2.9453, 2.3300,
5.6683

280.7373,

■ 1.1249, 0.7895,

278.1264, 363.1466

2.5789

334.4416,
332.4733, 429.7028

■ 0.0458, 0.0000,
0.8815

■ 0.0000, 0.0000,
0.0000

■ 54.6099, 51.7512,
76.9228

■ 54.6099, 51.7512,
76.9228

■ 47.3214, 41.6993,
75.3675

■ 62.8707, 63.3888,
78.7345

■ 40.9608, 33.1554,
74.0536

■ 72.1360, 76.6721,
80.8101

■ 35.4874, 26.0447,
72.9696

■ 82.4426, 91.6660,
83.1610

■ 30.8549, 20.2837,
72.1018

■ 88.0873, 96.9571,
83.8848

■ 27.0127, 15.7795,
71.4349

■ 90.3194, 98.1078,
83.9892

■ 23.9035, 12.4272,
70.9517

■ 21.4612, 10.1036,
70.6319

■ 19.5949, 8.6371,
70.4472

■ 19.2539, 8.3871,
70.4170

Harmonies

Analogous

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



50.5060, 51.7512, 83.2661



54.6099, 51.7512, 76.9228



57.3624, 51.7512, 65.2934

Triad

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



54.6099, 51.7512, 76.9228



52.2195, 51.7512, 36.9195



41.4304, 51.7512, 60.1732

Complementary

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



54.6099, 51.7512, 76.9228



59.8385, 69.0329, 54.9730

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.



41.8295, 51.7512, 48.2598



54.6099, 51.7512, 76.9228



47.8931, 51.7512, 35.9640

Square

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



54.6099, 51.7512, 76.9228



55.9271, 51.7512, 42.6482



44.1373, 51.7512, 39.8144



43.0132, 51.7512, 72.7068

Rectangle

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



54.6099, 51.7512, 76.9228



57.9720, 51.7512, 56.7452



44.1373, 51.7512, 39.8144



41.3393, 51.7512, 55.9531

Sweetspot

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



54.6115, 51.7534, 76.9239



88.6966, 90.8856, 107.4756



54.5217, 58.7412, 78.2775



18.7996, 19.1890, 22.9629



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.



54.6115, 51.7534, 76.9239



69.6724, 64.1163, 103.3113



60.2764, 54.6738, 77.1891



13.5682, 13.5609, 17.2901



11.4495, 4.9978, 41.4096



0.8965, 0.3994, 2.8751

Inverse Universe

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



58.2657, 53.9167, 64.4650



75.6932, 67.6819, 82.7310



54.7838, 66.4272, 54.7364



14.0064, 13.8202, 15.8036



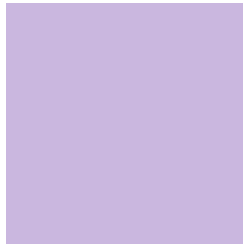
19.8415, 10.0036, 11.0971



1.4205, 0.7115, 1.0071

Previews

White Background



This preview shows how the XYZ color 54.6099, 51.7512, 76.9228 looks on a white background.

Color Contrast Check

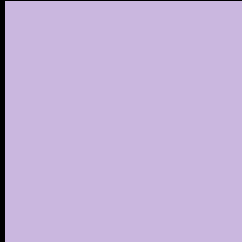
Large Text (above 18pt) WCAG AA × Fail

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 54.6099, 51.7512, 76.9228 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

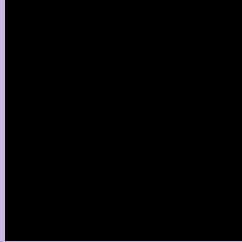
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 54.6099, 51.7512, 76.9228

Background



This preview shows how black text looks on a background with the XYZ color 54.6099, 51.7512, 76.9228.



This preview shows how white text looks on a background with the XYZ color 54.6099, 51.7512,

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

54.6099, 51.7512, 76.9228

Protanopia

51.5912, 52.0085, 79.9925

Deuteranopia

52.9919, 51.8611, 76.3245



Tritanopia

51.8661, 51.8998, 62.5424

Trichromacy



Original Color

54.6099, 51.7512, 76.9228

Protanomaly

52.7330, 51.9788, 79.2051

Deuteranomaly

53.5597, 51.8422, 76.2909

Tritanomaly

52.8869, 52.0006, 67.5713

Monochromacy



Original Color

54.6099, 51.7512, 76.9228

Achromatopsia

50.6879, 53.3276, 58.0738

Achromatomaly

51.8616, 52.4906, 64.5250

CSS Examples

Text

The CSS property to change the color of the text to XYZ 54.6099, 51.7512, 76.9228 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(202, 183, 223)` looks like.

```
.text, #text, p{  
    color:rgb(202, 183, 223)  
}
```

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(202, 183, 223) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(202, 183, 223) }
```

Border

The CSS property to change the border of an element to XYZ 54.6099, 51.7512, 76.9228 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(202, 183, 223) }
```


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

```
.border{ border-color:rgb(202, 183, 223) }
```

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

Here you see how a box with a 4 pixel `rgb(202, 183, 223)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(202, 183, 223); -webkit-box-  
shadow:4px 4px 4px 4px rgb(202, 183, 223);  
box-shadow:4px 4px 4px 4px rgb(202, 183,  
223) }
```

Background

The CSS property to change the background color of an element to XYZ 54.6099, 51.7512, 76.9228 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(202, 183, 223) }
```

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

```
.background{ background-color: rgb(202,  
183, 223) }
```

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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