

Converting Colors

XYZ(54.5427, 54.9280, 77.0653)

Have a look what the booklet for
XYZ(54.5427, 54.9280, 77.0653)
contains.

XYZ(54.5029, 54.8832, 76.8281)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(54.5029, 54.8832,
76.8281)**

Conversions

Conversions Part 1

Format	Color
Hex	C2C1DE
RGB	194, 193, 222
RGB Percent	76%, 76%, 87%
CMY	0.2392, 0.2431, 0.1294
CMYK	0.13, 0.13, 0.00, 0.13
HSL	242°, 31%, 81%
HSV	242°, 13%, 87%
XYZ	54.5029, 54.8832, 76.8281
YIQ	196.6050, -8.7130, 9.2310

Conversions

Conversions Part 2

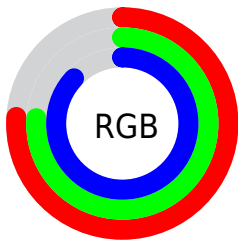
Format	Color
R_{YB}	194, 193, 222
Decimal	12763614
CIE _{Lab}	78.97, 6.03, -14.31
CIE _{LCh}	79, 15.523, 292.846
Yxy	54.8832, 0.2927, 0.2947
Android (android.graphics.Color)	4290953694 (0xFFC2C1DE)
YUV	196.6050, 12.5197, -2.2846
Hunter-Lab	74.0832, 1.6766, -9.6286

Details

The XYZ color **54.5029, 54.8832, 76.8281** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **65.5677, 71.4664, 60.7933**, and the grayscale version is **52.7650, 55.5129, 60.4535**.

A 20% lighter version of the original color is **91.7093, 95.4806, 108.2037**, and **27.1684, 27.1216, 40.3623** is the 20% darker color. If you saturate the color by 10%, you get **44.8486, 43.1607, 75.0751**, and if you desaturate by 10%, it is **65.6908, 68.4927, 78.8662**.

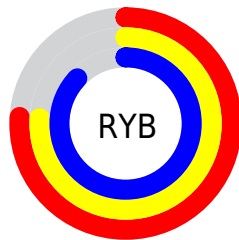
Distribution



Red (76%)

Green (76%)

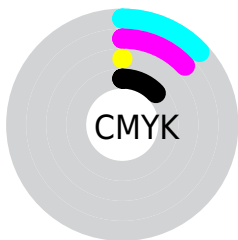
Blue (87%)



Red (76%)

Yellow (76%)

Blue (87%)

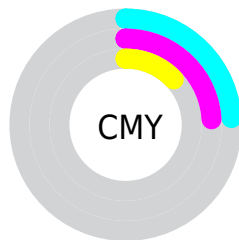


Cyan (13%)

Magenta (13%)

Yellow (0%)

Black (13%)



Cyan (24%)

Magenta (24%)

Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 54.5029, 54.8832, 76.8281 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 54.5029, 54.8832, 76.8281 by changing the saturation by 10% instead.

■ 54.5029, 54.8832,
76.8281

■ 54.5029, 54.8832,
76.8281

394.1920,
405.4690, 503.5998

■ 39.2361, 39.3082,
56.6011

■ 95.9648, 97.3698,
130.6676

■ 27.1250, 26.9996,
40.2778

122.8907,
125.0502, 165.1171

■ 17.8042, 17.5729,
27.4398

154.4336,
157.5346, 205.1446

■ 10.9084, 10.6438,
17.6684

190.9590,
195.2072, 251.1686

■ 6.0721, 5.8279,
10.5452

232.8322,
238.4526, 303.6075

■ 2.9300, 2.7407,
5.6516

280.4185,

■ 1.1169, 0.9979,

287.6551, 362.8800

2.5691

334.0833,
343.1991, 429.4046

■ 0.0392, 0.0000,
0.8764

■ 0.0000, 0.0000,
0.0000

■ 54.5029, 54.8832,
76.8281

■ 54.5029, 54.8832,
76.8281

■ 44.8486, 43.1607,
75.0751

■ 65.6908, 68.4927,
78.8662

■ 36.6564, 33.2355,
73.5912

■ 78.4698, 84.0600,
81.1975

■ 29.8564, 25.0208,
72.3640

■ 90.1850, 98.0540,
83.2811

■ 24.3714, 18.4200,
71.3790

■ 20.1162, 13.3267,
70.6201

■ 16.9960, 9.6221,
70.0695

■ 14.9019, 7.1693,
69.7065

■ 13.7038, 5.8036,
69.5060

■ 13.2806, 5.3233,
69.4356

Harmonies

Analogous

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



51.4293, 54.8832, 78.2568



54.5029, 54.8832, 76.8281



57.0388, 54.8832, 70.6215

Triad

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



54.5029, 54.8832, 76.8281



55.8315, 54.8832, 47.2109



46.4957, 54.8832, 57.6670

Complementary

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



54.5029, 54.8832, 76.8281



65.5677, 71.4664, 60.7933

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.



47.5767, 54.8832, 50.0708



54.5029, 54.8832, 76.8281



52.9073, 54.8832, 44.4323

Square

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



54.5029, 54.8832, 76.8281



57.8267, 54.8832, 53.3999



49.8946, 54.8832, 45.4253



46.8851, 54.8832, 66.6027

Rectangle

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



54.5029, 54.8832, 76.8281



58.0429, 54.8832, 64.9123



49.8946, 54.8832, 45.4253



46.6977, 54.8832, 54.8849

Sweetspot

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



54.5046, 54.8855, 76.8293



88.3508, 91.8435, 107.6787



61.0440, 68.3432, 79.0823



18.6495, 19.3404, 23.0001



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.



54.5046, 54.8855, 76.8293



70.3491, 69.9530, 104.4022



58.4005, 56.8939, 77.0116



12.9954, 13.2657, 17.2633



7.9073, 3.1717, 41.2438



0.5637, 0.2279, 2.8595

Inverse Universe

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



62.2472, 58.8923, 76.4958



83.1620, 76.5844, 103.8267



61.3505, 69.2923, 60.5959



14.2736, 13.9271, 17.2109



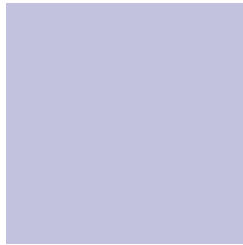
25.1392, 12.1227, 38.9943



1.7490, 0.8429, 2.7370

Previews

White Background



This preview shows how the XYZ color 54.5029, 54.8832, 76.8281 looks on a white background.

Color Contrast Check

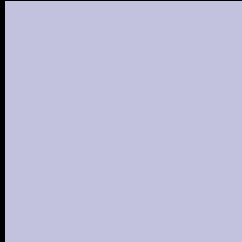
Large Text (above 18pt) WCAG AA × Fail

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 54.5029, 54.8832, 76.8281 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

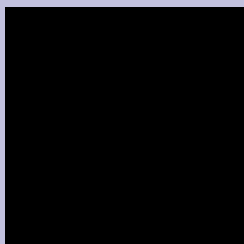
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 54.5029, 54.8832, 76.8281

Background



This preview shows how black text looks on a background with the XYZ color 54.5029, 54.8832, 76.8281.



This preview shows how white text looks on a background with the XYZ color 54.5029, 54.8832,

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

54.5029, 54.8832, 76.8281

Protanopia

54.0969, 54.9877, 77.5745

Deuteranopia

56.0899, 54.7112, 77.4161



Tritanopia

52.8862, 54.8898, 68.7802

Trichromacy



Original Color

54.5029, 54.8832, 76.8281

Protanomaly

54.3493, 55.1178, 77.5863

Deuteranomaly

55.5033, 54.7314, 77.4509

Tritanomaly

53.4217, 54.7761, 71.3755

Monochromacy



Original Color

54.5029, 54.8832, 76.8281

Achromatopsia

53.0703, 55.8340, 60.8033

Achromatomaly

53.6455, 55.6718, 66.3108

CSS Examples

Text

The CSS property to change the color of the text to XYZ 54.5029, 54.8832, 76.8281 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(194, 193, 222)` looks like.

```
.text, #text, p{  
    color:rgb(194, 193, 222)  
}
```

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(194, 193, 222) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(194, 193, 222) }
```

Border

The CSS property to change the border of an element to XYZ 54.5029, 54.8832, 76.8281 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(194, 193, 222) }
```


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

```
.border{ border-color:rgb(194, 193, 222) }
```

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

Here you see how a box with a 4 pixel `rgb(194, 193, 222)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(194, 193, 222); -webkit-box-  
shadow:4px 4px 4px 4px rgb(194, 193, 222);  
box-shadow:4px 4px 4px 4px rgb(194, 193,  
222) }
```

Background

The CSS property to change the background color of an element to XYZ 54.5029, 54.8832, 76.8281 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(194, 193, 222) }
```

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

```
.background{ background-color: rgb(194,  
193, 222) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor