

Converting Colors

XYZ(54.8397, 52.1740, 80.9795)

Have a look what the booklet for
XYZ(54.8397, 52.1740, 80.9795)
contains.

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Color

**XYZ(54.8365, 52.0802,
81.2910)**

Conversions

Conversions Part 1

Format	Color
Hex	C7B8E5
RGB	199, 184, 229
RGB Percent	78%, 72%, 90%
CMY	0.2196, 0.2784, 0.1020
CMYK	0.13, 0.20, 0.00, 0.10
HSL	260°, 46%, 81%
HSV	260°, 20%, 90%
XYZ	54.8365, 52.0802, 81.2910
YIQ	193.6150, -5.5050, 17.1750

Conversions

Conversions Part 2

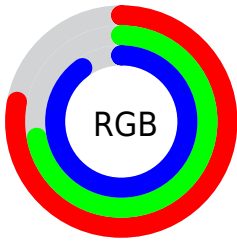
Format	Color
R _Y B	199, 184, 229
Decimal	13088997
CIE Lab	77.33, 13.96, -20.52
CIE LCh	77, 24.824, 304.230
Yxy	52.0802, 0.2914, 0.2767
Android (android.graphics.Color)	4291279077 (0xFFC7B8E5)
YUV	193.6150, 17.4448, 4.7226
Hunter-Lab	72.1666, 9.3434, -16.2697

Details

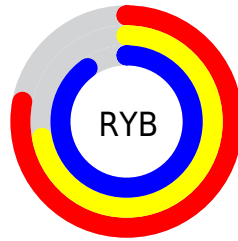
The XYZ color **54.8365, 52.0802, 81.2910** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **64.4043, 73.7967, 56.1995**, and the grayscale version is **50.9547, 53.6083, 58.3794**.

A 20% lighter version of the original color is **90.4501, 90.8002, 107.3667**, and **27.3362, 25.2695, 42.9719** is the 20% darker color. If you saturate the color by 10%, you get **46.6098, 41.3410, 79.6525**, and if you desaturate by 10%, it is **64.2429, 64.5733, 83.2075**.

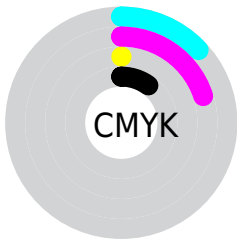
Distribution



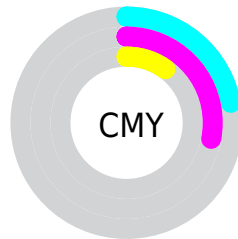
- Red (78%)
- Green (72%)
- Blue (90%)



- Red (78%)
- Yellow (72%)
- Blue (90%)



- Cyan (13%)
- Magenta (20%)
- Yellow (0%)
- Black (10%)



- Cyan (22%)
- Magenta (28%)
- Yellow (10%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 54.8365, 52.0802, 81.2910 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 54.8365, 52.0802, 81.2910 by changing the saturation by 10% instead.

■ 54.8365, 52.0802,
81.2910

■ 54.8365, 52.0802,
81.2910

395.4384,
394.7461, 519.0941

■ 39.5042, 37.0690,
60.2489

■ 96.4511, 93.2495,
137.0070

■ 27.3346, 25.2609,
43.1927

123.4640,
120.1764, 172.5181

■ 17.9626, 16.2716,
29.7038

155.1012,
151.8440, 213.6891

■ 11.0227, 9.7165,
19.3637

191.7280,
188.6367, 260.9388

■ 6.1495, 5.2114,
11.7539

233.7098,
230.9388, 314.6855

■ 2.9777, 2.3718,
6.4559

281.4119,

■ 1.1420, 0.8113,

279.1349, 375.3480

3.0510

335.1996,
333.6092, 443.3447

■ 0.0598, 0.0000,
1.1207

■ 0.0000, 0.0000,
0.0000

■ 54.8365, 52.0802,
81.2910

■ 54.8365, 52.0802,
81.2910

■ 46.6098, 41.3410,
79.6525

■ 64.2429, 64.5733,
83.2075

■ 39.5089, 32.2690,
78.2757

■ 74.8701, 78.8885,
85.4105

■ 33.4831, 24.7799,
77.1478

■ 86.7630, 95.0987,
87.9125

■ 28.4753, 18.7792,
76.2535

■ 91.1430, 98.4372,
88.3261

■ 24.4228, 14.1620,
75.5759

■ 21.2551, 10.8092,
75.0957

■ 18.8902, 8.5804,
74.7901

■ 17.2013, 7.2467,
74.6217

■ 17.1496, 7.2072,
74.6168

Harmonies

Analogous

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



50.1796, 52.0802, 87.1134



54.8365, 52.0802, 81.2910



58.2203, 52.0802, 68.8994

Triad

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



54.8365, 52.0802, 81.2910



53.5927, 52.0802, 36.2033



40.9125, 52.0802, 58.6642

Complementary

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



54.8365, 52.0802, 81.2910



64.4043, 73.7967, 56.1995

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.



41.6982, 52.0802, 46.0443



54.8365, 52.0802, 81.2910



48.8279, 52.0802, 34.3534

Square

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



54.8365, 52.0802, 81.2910



57.4705, 52.0802, 43.1875



44.5227, 52.0802, 37.6575



42.3040, 52.0802, 72.7877

Rectangle

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



54.8365, 52.0802, 81.2910



59.1895, 52.0802, 59.3864



44.5227, 52.0802, 37.6575



40.9315, 52.0802, 54.1084

Sweetspot

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



54.8381, 52.0824, 81.2922



86.7081, 88.7401, 107.1663



58.1486, 64.3228, 83.4803



18.3722, 18.7429, 22.8994



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.



54.8381, 52.0824, 81.2922



65.0868, 60.0406, 102.7663



61.0276, 55.2732, 81.5818



14.0332, 14.1193, 18.1300



9.9193, 4.1795, 42.6671



0.8287, 0.3582, 3.1574

Inverse Universe

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



61.5929, 55.7962, 71.1440



75.4252, 65.7298, 87.0076



58.4743, 70.7397, 55.9220



14.7802, 14.5293, 17.0428



21.8051, 10.8563, 18.4005



1.6540, 0.8193, 1.5844

Previews

White Background



This preview shows how the XYZ color 54.8365, 52.0802, 81.2910 looks on a white background.

Color Contrast Check

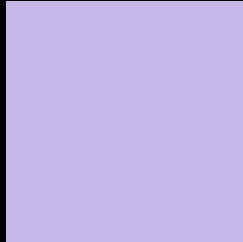
Large Text (above 18pt) WCAG AA × Fail

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 54.8365, 52.0802, 81.2910 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

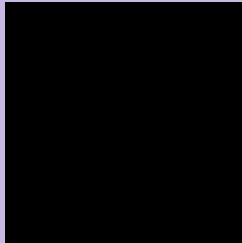
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 54.8365, 52.0802, 81.2910

Background



This preview shows how black text looks on a background with the XYZ color 54.8365, 52.0802, 81.2910.



This preview shows how white text looks on a background with the XYZ color 54.8365, 52.0802,

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

54.8365, 52.0802, 81.2910

Protanopia

51.9616, 52.1021, 84.4088

Deuteranopia

53.2598, 52.2185, 80.6709



Tritanopia

51.4828, 52.3091, 63.8831

Trichromacy



Original Color

54.8365, 52.0802, 81.2910

Protanomaly

53.0748, 52.0582, 83.5948

Deuteranomaly

53.8106, 52.1886, 80.6361

Tritanomaly

52.4189, 52.0299, 69.5673

Monochromacy



Original Color

54.8365, 52.0802, 81.2910

Achromatopsia

51.2775, 53.9479, 58.7493

Achromatomaly

52.4409, 53.0677, 66.5106

CSS Examples

Text

The CSS property to change the color of the text to XYZ 54.8365, 52.0802, 81.2910 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(199, 184, 229)` looks like.

```
.text, #text, p{  
    color:rgb(199, 184, 229)  
}
```

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(199, 184, 229) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(199, 184, 229) }
```

Border

The CSS property to change the border of an element to XYZ 54.8365, 52.0802, 81.2910 is called "border". The border property can be set on classes, ids or directly on the HTML element.

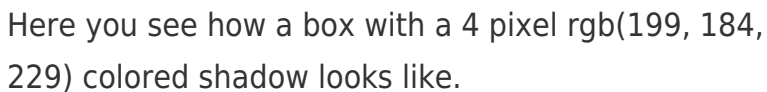
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(199, 184, 229) }
```


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

```
.border{ border-color:rgb(199, 184, 229) }
```

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



Here you see how a box with a 4 pixel `rgb(199, 184, 229)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(199, 184, 229); -webkit-box-shadow:4px 4px 4px 4px rgb(199, 184, 229); box-shadow:4px 4px 4px 4px rgb(199, 184, 229) }
```

Background

The CSS property to change the background color of an element to XYZ 54.8365, 52.0802, 81.2910 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(199, 184, 229) }
```

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

```
.background{ background-color: rgb(199,  
184, 229) }
```

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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