

Converting Colors

XYZ(54.6019, 52.3341, 82.8906)

Have a look what the booklet for
XYZ(54.6019, 52.3341, 82.8906)
contains.

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Color

**XYZ(54.5377, 52.2032,
82.8031)**

Conversions

Conversions Part 1

Format	Color
Hex	C4B9E7
RGB	196, 185, 231
RGB Percent	77%, 73%, 91%
CMY	0.2314, 0.2745, 0.0941
CMYK	0.15, 0.20, 0.00, 0.09
HSL	254°, 49%, 82%
HSV	254°, 20%, 91%
XYZ	54.5377, 52.2032, 82.8031
YIQ	193.5330, -8.2100, 16.6380

Conversions

Conversions Part 2

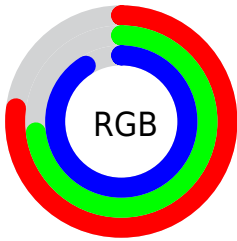
Format	Color
R _Y B	196, 185, 231
Decimal	12892647
CIE Lab	77.40, 12.89, -21.52
CIE LCh	77, 25.082, 300.926
Yxy	52.2032, 0.2877, 0.2754
Android (android.graphics.Color)	4291082727 (0xFFC4B9E7)
YUV	193.5330, 18.4712, 2.1636
Hunter-Lab	72.2518, 8.2963, -17.3722

Details

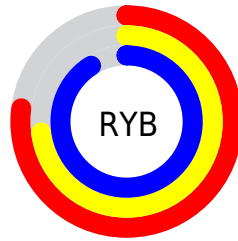
The XYZ color **54.5377, 52.2032, 82.8031** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **66.8499, 75.8716, 57.0226**, and the grayscale version is **50.9017, 53.5525, 58.3187**.

A 20% lighter version of the original color is **90.0133, 91.0132, 107.4308**, and **27.1445, 25.3485, 44.0195** is the 20% darker color. If you saturate the color by 10%, you get **45.7853, 41.0919, 81.1205**, and if you desaturate by 10%, it is **64.6141, 65.1652, 84.7748**.

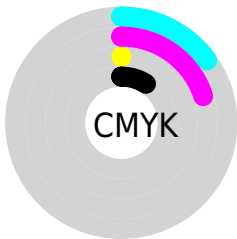
Distribution



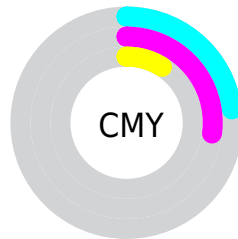
- Red (77%)
- Green (73%)
- Blue (91%)



- Red (77%)
- Yellow (73%)
- Blue (91%)



- Cyan (15%)
- Magenta (20%)
- Yellow (0%)
- Black (9%)



- Cyan (23%)
- Magenta (27%)
- Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 54.5377, 52.2032, 82.8031 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 54.5377, 52.2032, 82.8031 by changing the saturation by 10% instead.

■ 54.5377, 52.2032,
82.8031

■ 54.5377, 52.2032,
82.8031

394.3221,
395.2206, 524.2839

■ 39.2641, 37.1671,
61.4881

■ 96.0156, 93.4308,
139.1464

■ 27.1469, 25.3369,
44.1861

122.9505,
120.3912, 175.0118

■ 17.8207, 16.3282,
30.4785

154.5033,
152.0950, 216.5643

■ 10.9203, 9.7567,
19.9470

191.0393,
188.9267, 264.2226

■ 6.0801, 5.2379,
12.1728

232.9238,
231.2707, 318.4052

■ 2.9350, 2.3875,
6.7375

280.5222,

■ 1.1195, 0.8195,

279.5114, 379.5305

3.2225

334.1998,
334.0333, 448.0173

■ 0.0413, 0.0000,
1.2094

■ 0.0000, 0.0000,
0.0000

■ 54.5377, 52.2032,
82.8031

■ 54.5377, 52.2032,
82.8031

■ 45.7853, 41.0919,
81.1205

■ 64.6141, 65.1652,
84.7748

■ 38.2956, 31.7395,
79.7101

■ 76.0625, 80.0509,
87.0446

■ 32.0100, 24.0561,
78.5583

■ 88.9343, 96.9374,
89.6256

■ 26.8628, 17.9414,
77.6494

■ 91.4240, 98.5496,
89.8056

■ 22.7819, 13.2836,
76.9654

■ 19.6861, 9.9561,
76.4863

■ 17.4813, 7.8096,
76.1882

■ 16.0230, 6.5972,
76.0310

■ 16.0123, 6.5884,
76.0299

Harmonies

Analogous

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



49.7675, 52.2032, 87.7459



54.5377, 52.2032, 82.8031



58.1719, 52.2032, 70.7480

Triad

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



54.5377, 52.2032, 82.8031



54.2618, 52.2032, 36.6447



40.9108, 52.2032, 57.2705

Complementary

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



54.5377, 52.2032, 82.8031



66.8499, 75.8716, 57.0226

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.



41.9459, 52.2032, 44.8864



54.5377, 52.2032, 82.8031



49.4679, 52.2032, 34.2059

Square

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



54.5377, 52.2032, 82.8031



58.0055, 52.2032, 44.2546



45.0026, 52.2032, 36.9658



42.0800, 52.2032, 71.6113

Rectangle

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



54.5377, 52.2032, 82.8031



59.3500, 52.2032, 61.1330



45.0026, 52.2032, 36.9658



41.0119, 52.2032, 52.7537

Sweetspot

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



54.5393, 52.2054, 82.8043



86.2077, 88.4822, 107.1429



60.0963, 67.4119, 85.4465



18.2542, 18.6820, 22.8938



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.



54.5393, 52.2054, 82.8043



63.4316, 59.1873, 102.6888



60.9077, 55.4884, 83.1023



13.9039, 14.0527, 18.1240



9.0691, 3.7412, 42.6273



0.7519, 0.3186, 3.1538

Inverse Universe

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



63.2239, 56.8563, 75.3546



76.2701, 66.0677, 91.4568



60.4304, 72.5623, 56.7222



14.8400, 14.5532, 17.3580



22.9062, 11.2967, 24.1990



1.7282, 0.8490, 1.9754

Previews

White Background



This preview shows how the XYZ color 54.5377, 52.2032, 82.8031 looks on a white background.

Color Contrast Check

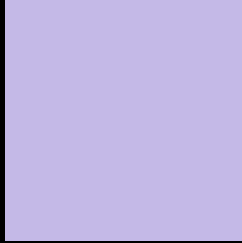
Large Text (above 18pt) WCAG AA × Fail

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 54.5377, 52.2032, 82.8031 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

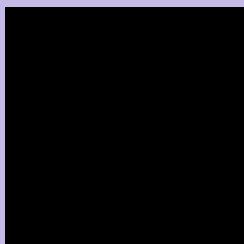
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 54.5377, 52.2032, 82.8031

Background



This preview shows how black text looks on a background with the XYZ color 54.5377, 52.2032, 82.8031.



This preview shows how white text looks on a background with the XYZ color 54.5377, 52.2032,

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

54.5377, 52.2032, 82.8031

Protanopia

52.1049, 52.1595, 85.1635

Deuteranopia

53.4293, 52.2573, 82.8719



Tritanopia

50.9188, 52.3111, 65.1709

Trichromacy



Original Color

54.5377, 52.2032, 82.8031

Protanomaly

52.9409, 52.2887, 84.3932

Deuteranomaly

53.7209, 52.0938, 82.8250

Tritanomaly

52.1131, 52.1589, 70.9394

Monochromacy



Original Color

54.5377, 52.2032, 82.8031

Achromatopsia

51.2775, 53.9479, 58.7493

Achromatomaly

52.3990, 53.3687, 66.5710

CSS Examples

Text

The CSS property to change the color of the text to XYZ 54.5377, 52.2032, 82.8031 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(196, 185, 231)` looks like.

```
.text, #text, p{  
    color:rgb(196, 185, 231)  
}
```

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(196, 185, 231) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(196, 185, 231) }
```

Border

The CSS property to change the border of an element to XYZ 54.5377, 52.2032, 82.8031 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(196, 185, 231) }
```


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

```
.border{ border-color:rgb(196, 185, 231) }
```

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

Here you see how a box with a 4 pixel `rgb(196, 185, 231)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(196, 185, 231); -webkit-box-  
shadow:4px 4px 4px 4px rgb(196, 185, 231);  
box-shadow:4px 4px 4px 4px rgb(196, 185,  
231) }
```

Background

The CSS property to change the background color of an element to XYZ 54.5377, 52.2032, 82.8031 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(196, 185, 231) }
```

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

```
.background{ background-color: rgb(196,  
185, 231) }
```

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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