

Converting Colors

XYZ(54.6068, 49.8461, 82.2912)

Have a look what the booklet for
XYZ(54.6068, 49.8461, 82.2912)
contains.

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Color

**XYZ(54.5031, 49.7704,
82.3353)**

Conversions

Conversions Part 1

Format	Color
Hex	CAB1E7
RGB	202, 177, 231
RGB Percent	79%, 69%, 91%
CMY	0.2078, 0.3059, 0.0941
CMYK	0.13, 0.23, 0.00, 0.09
HSL	268°, 53%, 80%
HSV	268°, 23%, 91%
XYZ	54.5031, 49.7704, 82.3353
YIQ	190.6310, -2.4340, 22.0940

Conversions

Conversions Part 2

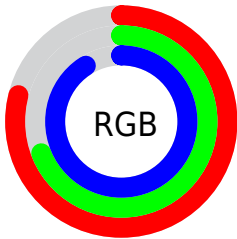
Format	Color
RYP	202, 177, 231
Decimal	13283815
CIELab	75.93, 19.16, -23.71
CIElCh	76, 30.484, 308.932
Yxy	49.7704, 0.2921, 0.2667
Android (android.graphics.Color)	4291473895 (0xFFCAB1E7)
YUV	190.6310, 19.9019, 9.9706
Hunter-Lab	70.5481, 14.4438, -19.8125

Details

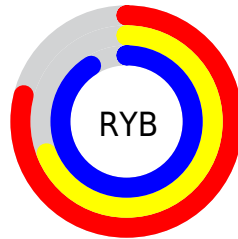
The XYZ color **54.5031, 49.7704, 82.3353** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **61.9670, 73.4492, 52.5084**, and the grayscale version is **49.1986, 51.7607, 56.3674**.

A 20% lighter version of the original color is **88.4289, 86.7578, 106.6930**, and **26.9781, 23.7135, 43.7127** is the 20% darker color. If you saturate the color by 10%, you get **47.0983, 39.7444, 80.7912**, and if you desaturate by 10%, it is **62.9533, 61.4842, 84.1517**.

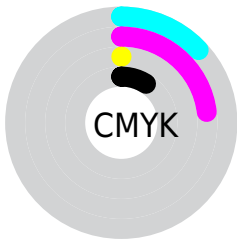
Distribution



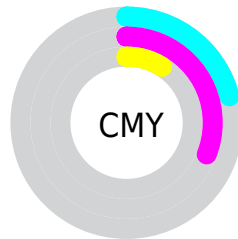
- Red (79%)
- Green (69%)
- Blue (91%)



- Red (79%)
- Yellow (69%)
- Blue (91%)



- Cyan (13%)
- Magenta (23%)
- Yellow (0%)
- Black (9%)



- Cyan (21%)
- Magenta (31%)
- Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 54.5031, 49.7704, 82.3353 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 54.5031, 49.7704, 82.3353 by changing the saturation by 10% instead.

■ 54.5031, 49.7704,
82.3353

■ 54.5031, 49.7704,
82.3353

394.1927,
385.7674, 522.6814

■ 39.2363, 35.2310,
61.1045

■ 95.9651, 89.8346,
138.4850

■ 27.1252, 23.8409,
43.8784

122.8910,
116.1282, 174.2410

■ 17.8043, 15.2156,
30.2385

154.4340,
147.1086, 215.6759

■ 10.9084, 8.9709,
19.7661

190.9595,
183.1603, 263.2081

■ 6.0721, 4.7222,
12.0427

232.8327,
224.6676, 317.2562

■ 2.9301, 2.0852,
6.6499

280.4191,

■ 1.1169, 0.6563,

272.0150, 378.2388

3.1690

334.0840,
325.5868, 446.5743

■ 0.0392, 0.0000,
1.1816

■ 0.0000, 0.0000,
0.0000

■ 54.5031, 49.7704,
82.3353

■ 54.5031, 49.7704,
82.3353

■ 47.0983, 39.7444,
80.7912

■ 62.9533, 61.4842,
84.1517

■ 40.6888, 31.3191,
79.5027

■ 72.4862, 74.9550,
86.2494

■ 35.2276, 24.4086,
78.4567

■ 83.1434, 90.2557,
88.6410

■ 30.6612, 18.9164,
77.6373

■ 90.1934, 97.9152,
89.7479

■ 26.9303, 14.7342,
77.0267

■ 91.4239, 98.5496,
89.8055

■ 23.9671, 11.7374,
76.6044

■ 21.6905, 9.7756,
76.3457

■ 20.4804, 8.8918,
76.2389

Harmonies

Analogous

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



49.0207, 49.7704, 91.3210



54.5031, 49.7704, 82.3353



58.2423, 49.7704, 66.2267

Triad

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



54.5031, 49.7704, 82.3353



51.3395, 49.7704, 29.9369



37.3187, 49.7704, 59.1927

Complementary

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



54.5031, 49.7704, 82.3353



61.9670, 73.4492, 52.5084

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.



37.8311, 49.7704, 43.7106



54.5031, 49.7704, 82.3353



45.6303, 49.7704, 28.7997

Square

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



54.5031, 49.7704, 82.3353



56.3166, 49.7704, 36.8218



40.7708, 49.7704, 33.3258



39.3104, 49.7704, 76.3108

Rectangle

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



54.5031, 49.7704, 82.3353



59.0825, 49.7704, 54.7764



40.7708, 49.7704, 33.3258



37.2074, 49.7704, 53.6108

Sweetspot

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



54.5047, 49.7725, 82.3364



86.1783, 87.3622, 106.9283



54.7973, 59.5989, 84.2177



18.2889, 18.4772, 22.8525



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.



54.5047, 49.7725, 82.3364



63.6202, 56.0339, 102.0702



62.2375, 53.7589, 82.6983



14.2138, 14.2125, 18.1385



11.6215, 5.0570, 42.7467



0.9650, 0.4285, 3.1638

Inverse Universe

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



59.8193, 52.8915, 65.4509



71.4750, 60.6460, 77.0076



55.2661, 69.9947, 52.1948



14.6990, 14.4968, 16.6153



20.5801, 10.3662, 11.9496



1.5676, 0.7848, 1.1295

Previews

White Background



This preview shows how the XYZ color 54.5031, 49.7704, 82.3353 looks on a white background.

Color Contrast Check

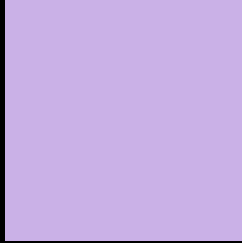
Large Text (above 18pt) WCAG AA × Fail

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 54.5031, 49.7704, 82.3353 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 54.5031, 49.7704, 82.3353

Background



This preview shows how black text looks on a background with the XYZ color 54.5031, 49.7704, 82.3353.



This preview shows how white text looks on a background with the XYZ color 54.5031, 49.7704,

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

54.5031, 49.7704, 82.3353

Protanopia

50.0906, 49.8110, 87.0952

Deuteranopia

50.9836, 49.7705, 81.7825



Tritanopia

50.1525, 49.8145, 60.3979

Trichromacy



Original Color

54.5031, 49.7704, 82.3353

Protanomaly

51.4905, 49.6444, 85.4657

Deuteranomaly

52.2927, 49.8373, 81.7263

Tritanomaly

51.7099, 49.8430, 67.8680

Monochromacy



Original Color

54.5031, 49.7704, 82.3353

Achromatopsia

49.5206, 52.0996, 56.7364

Achromatomaly

51.2052, 51.1761, 65.5717

CSS Examples

Text

The CSS property to change the color of the text to XYZ 54.5031, 49.7704, 82.3353 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, 177, 231)` looks like.

```
.text, #text, p{  
    color:rgb(202, 177, 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(202, 177, 231) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(202, 177, 231) }
```

Border

The CSS property to change the border of an element to XYZ 54.5031, 49.7704, 82.3353 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, 177, 231) }
```


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

```
.border{ border-color:rgb(202, 177, 231) }
```

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

Here you see how a box with a 4 pixel `rgb(202, 177, 231)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(202, 177, 231); -webkit-box-  
shadow:4px 4px 4px 4px rgb(202, 177, 231);  
box-shadow:4px 4px 4px 4px rgb(202, 177,  
231) }
```

Background

The CSS property to change the background color of an element to XYZ 54.5031, 49.7704, 82.3353 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(202, 177, 231) }
```

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

```
.background{ background-color: rgb(202,  
177, 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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