

Converting Colors

XYZ(54.6276, 49.8831, 80.1480)

Have a look what the booklet for
XYZ(54.6276, 49.8831, 80.1480)
contains.

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Color

**XYZ(54.6276, 49.8831,
80.1480)**

Conversions

Conversions Part 1

Format	Color
Hex	CCB1E4
RGB	204, 177, 228
RGB Percent	80%, 69%, 89%
CMY	0.2000, 0.3059, 0.1059
CMYK	0.11, 0.22, 0.00, 0.11
HSL	272°, 49%, 79%
HSV	272°, 22%, 89%
XYZ	54.6276, 49.8831, 80.1480
YIQ	190.8870, -0.2790, 21.5850

Conversions

Conversions Part 2

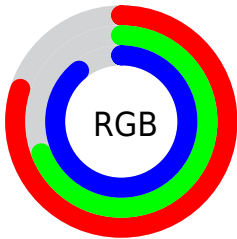
Format	Color
RYB	204, 177, 228
Decimal	13414884
CIELab	76.00, 19.17, -21.97
CIELCh	76, 29.156, 311.117
Yxy	49.8831, 0.2958, 0.2701
Android (android.graphics.Color)	4291604964 (0xFFCCB1E4)
YUV	190.8870, 18.2967, 11.5001
Hunter-Lab	70.6280, 14.4629, -17.8422

Details

The XYZ color **54.6276, 49.8831, 80.1480** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **59.7683, 71.0799, 52.1670**, and the grayscale version is **49.3546, 51.9249, 56.5462**.

A 20% lighter version of the original color is **88.4289, 86.7578, 106.6930**, and **27.0485, 23.7834, 42.1948** is the 20% darker color. If you saturate the color by 10%, you get **47.6549, 40.1535, 78.6383**, and if you desaturate by 10%, it is **62.5584, 61.2261, 81.9202**.

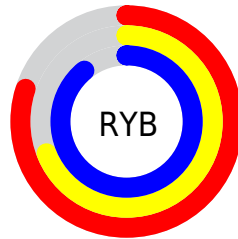
Distribution



Red (80%)

Green (69%)

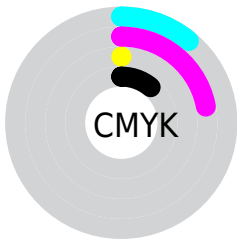
Blue (89%)



Red (80%)

Yellow (69%)

Blue (89%)

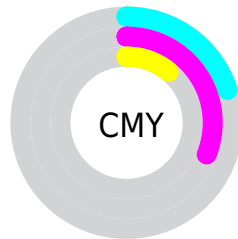


Cyan (11%)

Magenta (22%)

Yellow (0%)

Black (11%)



Cyan (20%)

Magenta (31%)

Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 54.6276, 49.8831, 80.1480 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 54.6276, 49.8831, 80.1480 by changing the saturation by 10% instead.

■ 54.6276, 49.8831,
80.1480

■ 54.6276, 49.8831,
80.1480

394.6582,
386.2086, 515.1514

■ 39.3363, 35.3205,
59.3133

■ 96.1466, 90.0016,
135.3871

■ 27.2034, 23.9099,
42.4437

123.1051,
116.3264, 170.6285

■ 17.8634, 15.2668,
29.1207

154.6833,
147.3407, 211.5092

■ 10.9510, 9.0068,
18.9258

191.2466,
183.4289, 258.4478

■ 6.1010, 4.7456,
11.4404

233.1604,
224.9754, 311.8627

■ 2.9478, 2.0988,
6.2460

280.7900,

■ 1.1262, 0.6640,

272.3646, 372.1726

2.9240

334.5008,
325.9808, 439.7960

■ 0.0469, 0.0000,
1.0560

■ 0.0000, 0.0000,
0.0000

■ 54.6276, 49.8831,
80.1480

■ 54.6276, 49.8831,
80.1480

■ 47.6549, 40.1535,
78.6383

■ 62.5584, 61.2261,
81.9202

■ 41.5943, 31.9542,
77.3751

■ 71.4813, 74.2477,
83.9633

■ 36.4025, 25.2040,
76.3458

■ 81.4344, 89.0171,
86.2895

■ 32.0306, 19.8115,
75.5354

■ 88.0936, 96.8813,
87.4565

■ 28.4243, 15.6746,
74.9269

■ 91.0037, 98.3815,
87.5927

■ 25.5213, 12.6757,
74.5011

■ 23.2477, 10.6739,
74.2345

■ 21.8474, 9.6451,
74.1098

Harmonies

Analogous

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



49.4576, 49.8831, 89.3236



54.6276, 49.8831, 80.1480



58.0122, 49.8831, 64.5959

Triad

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



54.6276, 49.8831, 80.1480



50.8783, 49.8831, 30.6177



37.8729, 49.8831, 60.2963

Complementary

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



54.6276, 49.8831, 80.1480



59.7683, 71.0799, 52.1670

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.



38.1894, 49.8831, 45.1859



54.6276, 49.8831, 80.1480



45.4244, 49.8831, 29.9068

Square

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



54.6276, 49.8831, 80.1480



55.7358, 49.8831, 36.9030



40.8622, 49.8831, 34.7301



39.9618, 49.8831, 76.4871

Rectangle

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



54.6276, 49.8831, 80.1480



58.6562, 49.8831, 53.7325



40.8622, 49.8831, 34.7301



37.7059, 49.8831, 54.9001

Sweetspot

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



54.6292, 49.8852, 80.1491



86.5944, 87.5767, 106.9477



53.1754, 57.0274, 81.6043



18.3853, 18.5268, 22.8570



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.



54.6292, 49.8852, 80.1491



65.9486, 58.0254, 102.3319



61.6043, 53.4946, 79.8610



14.3076, 14.2608, 18.1428



12.7535, 5.6406, 42.7997



1.0495, 0.4720, 3.1678

Inverse Universe

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



58.2613, 52.1574, 62.2572



71.5576, 61.5319, 74.8135



53.8974, 68.0435, 52.3359



14.6579, 14.4803, 16.3989



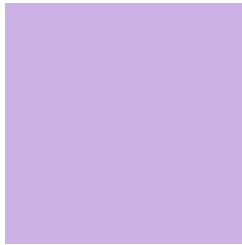
20.0754, 10.1644, 9.2918



1.5301, 0.7698, 0.9321

Previews

White Background



This preview shows how the XYZ color 54.6276, 49.8831, 80.1480 looks on a white background.

Color Contrast Check

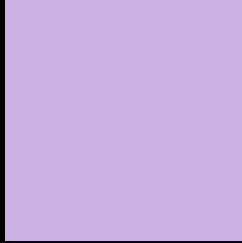
Large Text (above 18pt) WCAG AA × Fail

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 54.6276, 49.8831, 80.1480 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

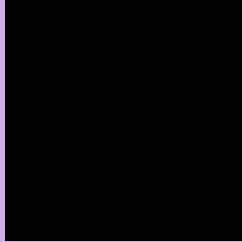
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 54.6276, 49.8831, 80.1480

Background



This preview shows how black text looks on a background with the XYZ color 54.6276, 49.8831, 80.1480.



This preview shows how white text looks on a background with the XYZ color 54.6276, 49.8831,

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

54.6276, 49.8831, 80.1480

Protanopia

50.3147, 50.2884, 84.8967

Deuteranopia

51.0483, 49.8521, 79.6049



Tritanopia

50.5647, 50.0403, 59.8170

Trichromacy



Original Color

54.6276, 49.8831, 80.1480

Protanomaly

51.7487, 50.1323, 83.2930

Deuteranomaly

52.3813, 49.9313, 79.5499

Tritanomaly

51.9964, 50.0193, 66.5887

Monochromacy



Original Color

54.6276, 49.8831, 80.1480

Achromatopsia

49.5206, 52.0996, 56.7364

Achromatomaly

51.2229, 51.2132, 64.3121

CSS Examples

Text

The CSS property to change the color of the text to XYZ 54.6276, 49.8831, 80.1480 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(204, 177, 228)` looks like.

```
.text, #text, p{  
    color:rgb(204, 177, 228)  
}
```

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(204, 177, 228) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(204, 177, 228) }
```

Border

The CSS property to change the border of an element to XYZ 54.6276, 49.8831, 80.1480 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(204, 177, 228) }
```


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

```
.border{ border-color:rgb(204, 177, 228) }
```

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

Here you see how a box with a 4 pixel rgb(204, 177, 228) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(204, 177, 228); -webkit-box-  
shadow:4px 4px 4px 4px rgb(204, 177, 228);  
box-shadow:4px 4px 4px 4px rgb(204, 177,  
228) }
```

Background

The CSS property to change the background color of an element to XYZ 54.6276, 49.8831, 80.1480 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(204, 177, 228) }
```

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

```
.background{ background-color: rgb(204,  
177, 228) }
```

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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