

Converting Colors

XYZ(54.2279, 50.4337, 72.7982)

Have a look what the booklet for
XYZ(54.2279, 50.4337, 72.7982)
contains.

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Color

**XYZ(54.0981, 50.3718,
72.5171)**

Conversions

Conversions Part 1

Format	Color
Hex	CEB3D9
RGB	206, 179, 217
RGB Percent	81%, 70%, 85%
CMY	0.1922, 0.2980, 0.1490
CMYK	0.05, 0.18, 0.00, 0.15
HSL	283°, 33%, 78%
HSV	283°, 18%, 85%
XYZ	54.0981, 50.3718, 72.5171
YIQ	191.4050, 3.8940, 17.5420

Conversions

Conversions Part 2

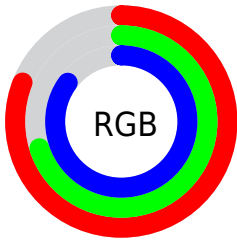
Format	Color
R _Y B	206, 179, 217
Decimal	13546457
CIE Lab	76.30, 16.53, -15.53
CIE LCh	76, 22.682, 316.802
Yxy	50.3718, 0.3057, 0.2846
Android (android.graphics.Color)	4291736537 (0xFFCEB3D9)
YUV	191.4050, 12.6183, 12.7998
Hunter-Lab	70.9731, 11.8558, -10.8987

Details

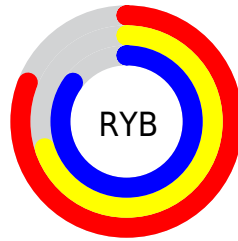
The XYZ color **54.0981, 50.3718, 72.5171** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **54.1866, 63.8289, 52.1146**, and the grayscale version is **49.6851, 52.2726, 56.9248**.

A 20% lighter version of the original color is **88.9983, 87.8967, 106.8828**, and **26.7449, 24.1097, 37.4264** is the 20% darker color. If you saturate the color by 10%, you get **48.3777, 41.4678, 71.1007**, and if you desaturate by 10%, it is **60.5756, 60.6848, 74.1671**.

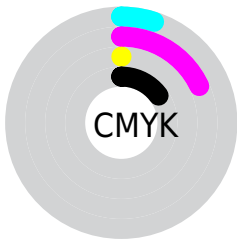
Distribution



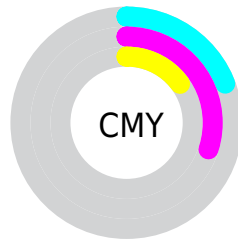
- Red (81%)
- Green (70%)
- Blue (85%)



- Red (81%)
- Yellow (70%)
- Blue (85%)



- Cyan (5%)
- Magenta (18%)
- Yellow (0%)
- Black (15%)



- Cyan (19%)
- Magenta (30%)
- Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 54.0981, 50.3718, 72.5171 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 54.0981, 50.3718, 72.5171 by changing the saturation by 10% instead.

■ 54.0981, 50.3718,
72.5171

■ 54.0981, 50.3718,
72.5171

392.6762,
388.1181, 488.3653

■ 38.9111, 35.7089,
53.0918

■ 95.3743, 90.7255,
124.5060

■ 26.8710, 24.2095,
37.4878

122.1942,
117.1851, 157.9066

■ 17.6124, 15.4891,
25.2867

153.6225,
148.3457, 196.8028

■ 10.7701, 9.1633,
16.0698

190.0244,
184.5918, 241.6130

■ 5.9786, 4.8479,
9.4187

231.7654,
226.3077, 292.7558

■ 2.8726, 2.1583,
4.9147

279.2108,

■ 1.0868, 0.6971,

273.8778, 350.6498

2.1395

332.7260,
327.6864, 415.7134

■ 0.0140, 0.0000,
0.6391

■ 0.0000, 0.0000,
0.0000

■ 54.0981, 50.3718,
72.5171

■ 54.0981, 50.3718,
72.5171

■ 48.3777, 41.4678,
71.1007

■ 60.5756, 60.6848,
74.1671

■ 43.3772, 33.9020,
69.9039

■ 67.8363, 72.4605,
76.0573

■ 39.0627, 27.6073,
68.9163

■ 75.9106, 85.7575,
78.1983

■ 35.3959, 22.5081,
68.1253

■ 81.2813, 93.5403,
79.4175

■ 32.3341, 18.5203,
67.5170

■ 83.3471, 94.6052,
79.5142

■ 29.8292, 15.5490,
67.0755

■ 85.4864, 95.7081,
79.6143

■ 27.8249, 13.4828,
66.7823

■ 87.7000, 96.8492,
79.7179

■ 26.2444, 12.1697,
66.6122

■ 89.5245, 97.7898,
79.8033

■ 25.8856, 11.8977,
66.5786

Harmonies

Analogous

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



50.2833, 50.3718, 80.5002



54.0981, 50.3718, 72.5171



56.3002, 50.3718, 60.3769

Triad

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



54.0981, 50.3718, 72.5171



49.7709, 50.3718, 35.0353



40.4577, 50.3718, 61.9089

Complementary

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



54.0981, 50.3718, 72.5171



54.1866, 63.8289, 52.1146

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.



40.3386, 50.3718, 49.6642



54.0981, 50.3718, 72.5171



45.5485, 50.3718, 35.3193

Square

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



54.0981, 50.3718, 72.5171



53.7039, 50.3718, 39.4646



42.1519, 50.3718, 40.3081



42.4874, 50.3718, 73.7810

Rectangle

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



54.0981, 50.3718, 72.5171



56.4771, 50.3718, 52.1152



42.1519, 50.3718, 40.3081



40.1973, 50.3718, 57.6713

Sweetspot

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



54.0996, 50.3740, 72.5182



89.7717, 91.4399, 107.5259



49.6170, 51.5961, 72.9904



19.0611, 19.3238, 22.9752



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.



54.0996, 50.3740, 72.5182



74.8067, 67.6409, 103.7210



56.2951, 51.6174, 67.5789



13.2281, 13.0757, 16.4788



15.7790, 7.2586, 40.3078



1.1060, 0.5134, 2.6153

Inverse Universe

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



54.0314, 50.7119, 55.6582



74.7499, 68.2507, 74.8469



52.3319, 62.7815, 56.1516



13.2103, 13.1132, 14.3686



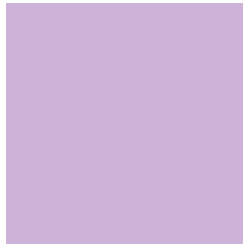
17.9022, 9.1619, 3.8649



1.1967, 0.6083, 0.4449

Previews

White Background



This preview shows how the XYZ color 54.0981, 50.3718, 72.5171 looks on a white background.

Color Contrast Check

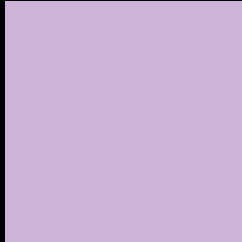
Large Text (above 18pt) WCAG AA × Fail

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 54.0981, 50.3718, 72.5171 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 54.0981, 50.3718, 72.5171

Background



This preview shows how black text looks on a background with the XYZ color 54.0981, 50.3718, 72.5171.



This preview shows how white text looks on a background with the XYZ color 54.0981, 50.3718,

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

54.0981, 50.3718, 72.5171

Protanopia

50.0112, 50.6383, 76.2455

Deuteranopia

51.5275, 50.5763, 72.0122



Tritanopia

51.6401, 50.5947, 59.8673

Trichromacy



Original Color

54.0981, 50.3718, 72.5171

Protanomaly

51.2940, 50.3954, 74.7340

Deuteranomaly

52.4113, 50.4195, 71.9353

Tritanomaly

52.5289, 50.6529, 64.1352

Monochromacy



Original Color

54.0981, 50.3718, 72.5171

Achromatopsia

49.5206, 52.0996, 56.7364

Achromatomaly

50.9606, 51.4465, 61.8878

CSS Examples

Text

The CSS property to change the color of the text to XYZ 54.0981, 50.3718, 72.5171 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(206, 179, 217)` looks like.

```
.text, #text, p{  
    color:rgb(206, 179, 217)  
}
```

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(206, 179, 217) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(206, 179, 217) }
```

Border

The CSS property to change the border of an element to XYZ 54.0981, 50.3718, 72.5171 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(206, 179, 217) }
```


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

```
.border{ border-color:rgb(206, 179, 217) }
```

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

Here you see how a box with a 4 pixel `rgb(206, 179, 217)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(206, 179, 217); -webkit-box-  
shadow:4px 4px 4px 4px rgb(206, 179, 217);  
box-shadow:4px 4px 4px 4px rgb(206, 179,  
217) }
```

Background

The CSS property to change the background color of an element to XYZ 54.0981, 50.3718, 72.5171 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(206, 179, 217) }
```

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

```
.background{ background-color: rgb(206,  
179, 217) }
```

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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