

Converting Colors

XYZ(53.0724, 47.1602, 67.9845)

Have a look what the booklet for
XYZ(53.0724, 47.1602, 67.9845)
contains.

XYZ(53.0972, 47.0761, 67.9161)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(53.0972, 47.0761,
67.9161)**

Conversions

Conversions Part 1

Format	Color
Hex	D4A9D3
RGB	212, 169, 211
RGB Percent	83%, 66%, 83%
CMY	0.1686, 0.3372, 0.1725
CMYK	0.00, 0.20, 0.00, 0.17
HSL	301°, 33%, 75%
HSV	301°, 20%, 83%
XYZ	53.0972, 47.0761, 67.9161
YIQ	186.6450, 12.1460, 22.1780

Conversions

Conversions Part 2

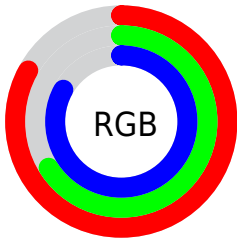
Format	Color
R _Y B	212, 169, 211
Decimal	13937107
CIE Lab	74.24, 22.84, -15.30
CIE LCh	74, 27.488, 326.178
Yxy	47.0761, 0.3159, 0.2801
Android (android.graphics.Color)	4292127187 (0xFFD4A9D3)
YUV	186.6450, 12.0070, 22.2363
Hunter-Lab	68.6120, 18.0658, -10.6602

Details

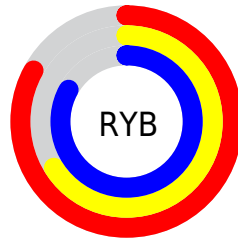
The XYZ color **53.0972, 47.0761, 67.9161** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **47.1632, 58.4257, 46.8242**, and the grayscale version is **46.9651, 49.4110, 53.8085**.

A 20% lighter version of the original color is **85.9457, 81.7913, 105.8652**, and **26.2667, 22.2910, 34.3707** is the 20% darker color. If you saturate the color by 10%, you get **49.4073, 39.7943, 66.3821**, and if you desaturate by 10%, it is **57.4296, 55.6410, 69.6663**.

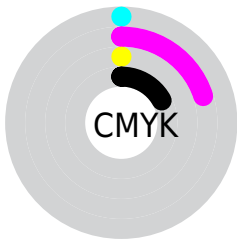
Distribution



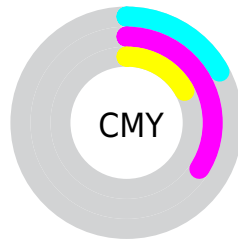
- Red (83%)
- Green (66%)
- Blue (83%)



- Red (83%)
- Yellow (66%)
- Blue (83%)



- Cyan (0%)
- Magenta (20%)
- Yellow (0%)
- Black (17%)



- Cyan (17%)
- Magenta (34%)
- Yellow (17%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 53.0972, 47.0761, 67.9161 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 53.0972, 47.0761, 67.9161 by changing the saturation by 10% instead.

53.0972, 47.0761,
67.9161

53.0972, 47.0761,
67.9161

388.9127,
375.1182, 471.7887

38.1082, 33.0958,
49.3632

93.9121, 85.8272,
117.8852

26.2442, 22.1999,
34.5401

120.4686,
111.3668, 150.1385

17.1401, 14.0038,
23.0281

151.6117,
141.5283, 187.7957

10.4303, 8.1233,
14.4088

187.7067,
176.6961, 231.2752

5.7497, 4.1740,
8.2635

229.1189,
217.2546, 280.9958

2.7327, 1.7713,
4.1738

276.2137,

1.0140, 0.4692,

263.5882, 337.3759

1.7212

329.3566,
316.0813, 400.8340

■ 0.0000, 0.0000,
0.3752

■ 0.0000, 0.0000,
0.0000

■ 53.0972, 47.0761,
67.9161

■ 53.0972, 47.0761,
67.9161

■ 49.4073, 39.7943,
66.3821

■ 57.4296, 55.6410,
69.6663

■ 46.3248, 33.7279,
65.0509

■ 62.4289, 65.5401,
71.6392

■ 43.8179, 28.8123,
63.9125

■ 68.1234, 76.8295,
73.8449

■ 41.8501, 24.9745,
62.9547

■ 74.5387, 89.5601,
76.2917

40.3806, 22.1332,
62.1640

74.9814, 90.3451,
76.7485

39.3631, 20.1954,
61.5249

75.0443, 90.3703,
77.0797

38.7424, 19.0510,
61.0190

75.1074, 90.3955,
77.4119

38.4227, 18.5056,
60.6227

75.1707, 90.4208,
77.7452

75.2341, 90.4462,
78.0794

Harmonies

Analogous

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



49.0613, 47.0761, 79.7097



53.0972, 47.0761, 67.9161



54.8928, 47.0761, 53.0903

Triad

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



53.0972, 47.0761, 67.9161



45.3798, 47.0761, 28.6479



36.7596, 47.0761, 64.2019

Complementary

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



53.0972, 47.0761, 67.9161



47.1632, 58.4257, 46.8242

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.



35.9309, 47.0761, 49.4681



53.0972, 47.0761, 67.9161



40.6885, 47.0761, 30.5378

Square

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



53.0972, 47.0761, 67.9161



50.2351, 47.0761, 31.8380



37.3171, 47.0761, 37.5739



39.6691, 47.0761, 77.3035

Rectangle

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



53.0972, 47.0761, 67.9161



54.4875, 47.0761, 44.0547



37.3171, 47.0761, 37.5739



36.2380, 47.0761, 59.2063

Sweetspot

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



53.0986, 47.0782, 67.9171



90.3046, 90.6008, 107.0357



42.5901, 41.6463, 68.0821



19.2233, 19.1832, 22.8683



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.



53.0986, 47.0782, 67.9171



78.3089, 66.8832, 102.1929



50.6116, 46.0833, 54.8204



12.9400, 12.6275, 15.6241



23.7254, 11.4265, 37.4538



1.4351, 0.6908, 2.2804

Inverse Universe

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



53.0986, 47.0782, 67.9171



78.3089, 66.8832, 102.1929



49.3352, 59.2945, 58.2618



12.9400, 12.6275, 15.6241



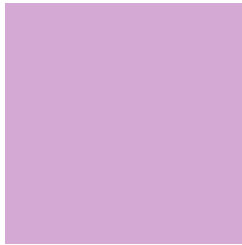
23.7254, 11.4265, 37.4538



1.4351, 0.6908, 2.2804

Previews

White Background



This preview shows how the XYZ color 53.0972, 47.0761, 67.9161 looks on a white background.

Color Contrast Check

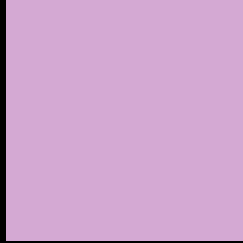
Large Text (above 18pt) WCAG AA × Fail

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 53.0972, 47.0761, 67.9161 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

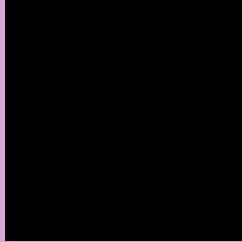
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 53.0972, 47.0761, 67.9161

Background



This preview shows how black text looks on a background with the XYZ color 53.0972, 47.0761, 67.9161.



This preview shows how white text looks on a background with the XYZ color 53.0972, 47.0761,

67.9161.

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

53.0972, 47.0761, 67.9161

Protanopia

46.9893, 47.2762, 73.6664

Deuteranopia

48.1681, 47.1356, 66.8810



Tritanopia

50.2077, 47.0303, 53.4452

Trichromacy



Original Color

53.0972, 47.0761, 67.9161

Protanomaly

48.8558, 47.0935, 71.4807

Deuteranomaly

49.9888, 47.1834, 67.4454

Tritanomaly

51.2947, 47.1922, 58.6300

Monochromacy



Original Color

53.0972, 47.0761, 67.9161

Achromatopsia

47.2335, 49.6933, 54.1160

Achromatomaly

49.0500, 48.3638, 58.9745

CSS Examples

Text

The CSS property to change the color of the text to XYZ 53.0972, 47.0761, 67.9161 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(212, 169, 211)` looks like.

```
.text, #text, p{  
    color:rgb(212, 169, 211)  
}
```

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(212, 169, 211) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(212, 169, 211) }
```

Border

The CSS property to change the border of an element to XYZ 53.0972, 47.0761, 67.9161 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(212, 169, 211) }
```


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

```
.border{ border-color:rgb(212, 169, 211) }
```

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

Here you see how a box with a 4 pixel `rgb(212, 169, 211)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(212, 169, 211); -webkit-box-  
shadow:4px 4px 4px 4px rgb(212, 169, 211);  
box-shadow:4px 4px 4px 4px rgb(212, 169,  
211) }
```

Background

The CSS property to change the background color of an element to XYZ 53.0972, 47.0761, 67.9161 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(212, 169, 211) }
```

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

```
.background{ background-color: rgb(212,  
169, 211) }
```

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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