

Converting Colors

XYZ(50.8764, 47.3775, 60.0656)

Have a look what the booklet for
XYZ(50.8764, 47.3775, 60.0656)
contains.

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Color

**XYZ(51.0612, 47.6147,
59.9254)**

Conversions

Conversions Part 1

Format	Color
Hex	CFAEC6
RGB	207, 174, 198
RGB Percent	81%, 68%, 78%
CMY	0.1882, 0.3176, 0.2235
CMYK	0.00, 0.16, 0.04, 0.19
HSL	316°, 26%, 75%
HSV	316°, 16%, 81%
XYZ	51.0612, 47.6147, 59.9254
YIQ	186.6030, 11.9640, 14.4600

Conversions

Conversions Part 2

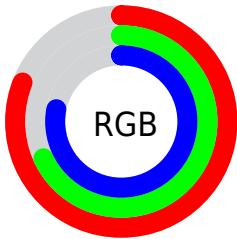
Format	Color
R _Y B	207, 174, 198
Decimal	13610694
CIE Lab	74.58, 16.03, -7.73
CIE LCh	75, 17.791, 334.262
Yxy	47.6147, 0.3219, 0.3002
Android (android.graphics.Color)	4291800774 (0xFFCFAEC6)
YUV	186.6030, 5.6187, 17.8882
Hunter-Lab	69.0034, 11.3306, -3.1875

Details

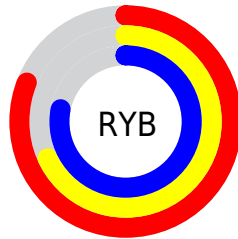
The XYZ color **51.0612, 47.6147, 59.9254** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **48.3175, 57.0445, 53.2665**, and the grayscale version is **46.9763, 49.4228, 53.8214**.

A 20% lighter version of the original color is **87.5868, 85.0736, 106.4123**, and **24.8203, 22.3638, 29.3940** is the 20% darker color. If you saturate the color by 10%, you get **46.7274, 39.9694, 55.3277**, and if you desaturate by 10%, it is **56.0383, 56.5064, 64.8584**.

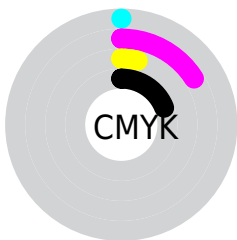
Distribution



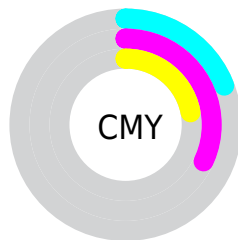
- Red (81%)
- Green (68%)
- Blue (78%)



- Red (81%)
- Yellow (68%)
- Blue (78%)



- Cyan (0%)
- Magenta (16%)
- Yellow (4%)
- Black (19%)





- Cyan (19%)
- Magenta (32%)
- Yellow (22%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 51.0612, 47.6147, 59.9254 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 51.0612, 47.6147, 59.9254 by changing the saturation by 10% instead.


 51.0612, 47.6147,
59.9254

 51.0612, 47.6147,
59.9254


381.1853,
377.2629, 442.1197

 36.4786, 33.5219,
42.9336

 90.9277, 86.6305,
106.2638

 24.9758, 22.5265,
29.5020


116.9422,
112.3222, 136.4474

 16.1877, 14.2443,
19.2121

147.4981,
142.6489, 171.8654

 9.7488, 8.2908,
11.6453

182.9607,
177.9952, 212.9363

 5.2937, 4.2816,
6.3830

223.6954,
218.7453, 260.0786

 2.4571, 1.8323,
3.0068

270.0675,

 0.8737, 0.5072,

265.2837, 313.7110

1.0981

322.4423,
317.9948, 374.2518

■ 0.0000, 0.0000,
0.0000

■ 51.0612, 47.6147,
59.9254

■ 51.0612, 47.6147,
59.9254

■ 46.7274, 39.9694,
55.3277

■ 56.0383, 56.5064,
64.8584

■ 43.0044, 33.5079,
51.0516

■ 61.6811, 66.6910,
70.1339

■ 39.8630, 28.1716,
47.0865

■ 68.0161, 78.2202,
75.7624

■ 37.2699, 23.8943,
43.4200

■ 74.4884, 89.9840,
81.5602

■ 35.1883, 20.6028,
40.0386

■ 75.2517, 90.2893,
85.5797

■ 33.5768, 18.2149,
36.9270

■ 76.0406, 90.6048,
89.7337

■ 32.3872, 16.6345,
34.0678

■ 76.8552, 90.9307,
94.0234

■ 31.5596, 15.7424,
31.4395

■ 77.6958, 91.2669,
98.4501

■ 31.2810, 15.4850,
30.4228

■ 78.5627, 91.6137,
103.0149

Harmonies

Analogous

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



48.8295, 47.6147, 67.9099



51.0612, 47.6147, 59.9254



51.7106, 47.6147, 50.5385

Triad

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



51.0612, 47.6147, 59.9254



44.7981, 47.6147, 36.1063



40.3334, 47.6147, 62.4729

Complementary

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



51.0612, 47.6147, 59.9254



48.3175, 57.0445, 53.2665

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.



39.3628, 47.6147, 53.1724



51.0612, 47.6147, 59.9254



41.8619, 47.6147, 38.5361

Square

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



51.0612, 47.6147, 59.9254



47.9964, 47.6147, 37.4656



39.9090, 47.6147, 44.5245



42.6226, 47.6147, 69.4988

Rectangle

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



51.0612, 47.6147, 59.9254



51.1342, 47.6147, 44.8990



39.9090, 47.6147, 44.5245



39.8471, 47.6147, 59.4712

Sweetspot

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



51.0626, 47.6168, 59.9264



90.5617, 91.9112, 104.6666



45.8814, 44.8222, 65.2656



19.2536, 19.4387, 22.2780



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.



51.0626, 47.6168, 59.9264



79.4387, 72.0658, 93.5583



49.2823, 46.9047, 50.5518



12.1675, 11.9517, 14.1577



19.7498, 9.7727, 19.3863



1.1367, 0.5594, 1.2545

Inverse Universe

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



51.0626, 47.6168, 59.9264



79.4387, 72.0658, 93.5583



50.1136, 57.7630, 62.7249



12.1675, 11.9517, 14.1577



19.7498, 9.7727, 19.3863



1.1367, 0.5594, 1.2545

Previews

White Background



This preview shows how the XYZ color 51.0612, 47.6147, 59.9254 looks on a white background.

Color Contrast Check

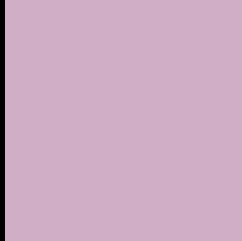
Large Text (above 18pt) WCAG AA × Fail

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 51.0612, 47.6147, 59.9254 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

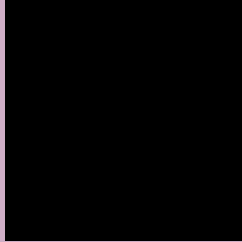
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 51.0612, 47.6147, 59.9254

Background



This preview shows how black text looks on a background with the XYZ color 51.0612, 47.6147, 59.9254.



This preview shows how white text looks on a background with the XYZ color 51.0612, 47.6147,

59.9254.

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

51.0612, 47.6147, 59.9254

Protanopia

46.5635, 47.5915, 63.2318

Deuteranopia

48.5041, 47.4741, 59.4303



Tritanopia

49.9689, 47.4559, 54.6704

Trichromacy



Original Color

51.0612, 47.6147, 59.9254

Protanomaly

47.8979, 47.4044, 61.8838

Deuteranomaly

49.3534, 47.6176, 59.4132

Tritanomaly

50.2980, 47.5875, 56.4035

Monochromacy



Original Color

51.0612, 47.6147, 59.9254

Achromatopsia

47.2335, 49.6933, 54.1160

Achromatomaly

48.3801, 48.6868, 56.1378

CSS Examples

Text

The CSS property to change the color of the text to XYZ 51.0612, 47.6147, 59.9254 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(207, 174, 198)` looks like.

```
.text, #text, p{  
    color:rgb(207, 174, 198)  
}
```

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(207, 174, 198) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(207, 174, 198) }
```

Border

The CSS property to change the border of an element to XYZ 51.0612, 47.6147, 59.9254 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(207, 174, 198) }
```


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

```
.border{ border-color:rgb(207, 174, 198) }
```

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

Here you see how a box with a 4 pixel rgb(207, 174, 198) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(207, 174, 198); -webkit-box-  
shadow:4px 4px 4px 4px rgb(207, 174, 198);  
box-shadow:4px 4px 4px 4px rgb(207, 174,  
198) }
```

Background

The CSS property to change the background color of an element to XYZ 51.0612, 47.6147, 59.9254 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(207, 174, 198) }
```

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

```
.background{ background-color: rgb(207,  
174, 198) }
```

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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