

Converting Colors

XYZ(50.5389, 47.2761, 60.7164)

Have a look what the booklet for
XYZ(50.5389, 47.2761, 60.7164)
contains.

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Color

**XYZ(50.6217, 47.3748,
60.5090)**

Conversions

Conversions Part 1

Format	Color
Hex	CDAEC7
RGB	205, 174, 199
RGB Percent	80%, 68%, 78%
CMY	0.1961, 0.3176, 0.2196
CMYK	0.00, 0.15, 0.03, 0.20
HSL	312°, 24%, 74%
HSV	312°, 15%, 80%
XYZ	50.6217, 47.3748, 60.5090
YIQ	186.1190, 10.4510, 14.3470

Conversions

Conversions Part 2

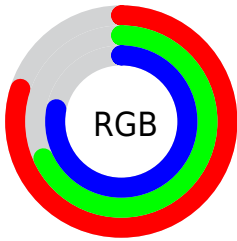
Format	Color
R_{YB}	205, 174, 199
Decimal	13479623
CIE _{Lab}	74.43, 15.51, -8.52
CIE _{LCh}	74, 17.699, 331.228
Yxy	47.3748, 0.3194, 0.2989
Android (android.graphics.Color)	4291669703 (0xFFCDAEC7)
YUV	186.1190, 6.3503, 16.5586
Hunter-Lab	68.8294, 10.8294, -3.9423

Details

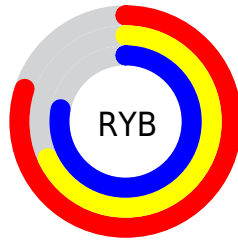
The XYZ color **50.6217, 47.3748, 60.5090** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **47.5270, 55.9579, 51.4787**, and the grayscale version is **46.7014, 49.1335, 53.5064**.

A 20% lighter version of the original color is **87.5868, 85.0736, 106.4123**, and **24.7107, 22.2984, 29.7897** is the 20% darker color. If you saturate the color by 10%, you get **46.5052, 39.8690, 56.8936**, and if you desaturate by 10%, it is **55.3574, 56.0984, 64.3912**.

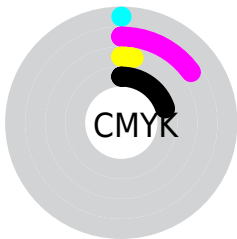
Distribution



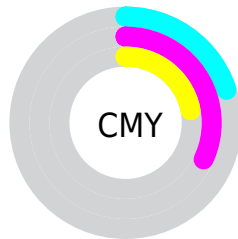
- Red (80%)
- Green (68%)
- Blue (78%)



- Red (80%)
- Yellow (68%)
- Blue (78%)



- Cyan (0%)
- Magenta (15%)
- Yellow (3%)
- Black (20%)





- Cyan (20%)
- Magenta (32%)
- Yellow (22%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 50.6217, 47.3748, 60.5090 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 50.6217, 47.3748, 60.5090 by changing the saturation by 10% instead.


 50.6217, 47.3748,
60.5090

 50.6217, 47.3748,
60.5090


379.5041,
376.3086, 444.3280

 36.1274, 33.3320,
43.4011


 90.2817, 86.2728,
107.1183

 24.7032, 22.3809,
29.8662


116.1781,
111.8969, 137.4567

 15.9836, 14.1371,
19.4859


146.6059,
142.1501, 173.0423

 9.6033, 8.2161,
11.8415

181.9306,
177.4170, 214.2938

 5.1970, 4.2335,
6.5146

222.5174,
218.0819, 261.6295

 2.3993, 1.8050,
3.0866

268.7316,

 0.8447, 0.4903,

264.5292, 315.4681

1.1390

320.9388,
317.1433, 376.2281

■ 0.0000, 0.0000,
0.0000

■ 50.6217, 47.3748,
60.5090

■ 50.6217, 47.3748,
60.5090

■ 46.5052, 39.8690,
56.8936

■ 55.3574, 56.0984,
64.3912

■ 42.9764, 33.5201,
53.5323

■ 60.7338, 66.0847,
68.5462

■ 40.0071, 28.2713,
50.4160

■ 66.7764, 77.3841,
72.9834

■ 37.5653, 24.0586,
47.5334

■ 73.1868, 89.3991,
77.6037

■ 35.6154, 20.8113,
44.8723

■ 73.7026, 89.6055,
80.3203

34.1178, 18.4500,
42.4190

74.2310, 89.8168,
83.1024

33.0263, 16.8824,
40.1575

74.7718, 90.0332,
85.9506

32.2844, 15.9959,
38.0687

75.3253, 90.2546,
88.8653

31.9977, 15.7075,
37.0947

75.8915, 90.4810,
91.8469

Harmonies

Analogous

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



48.2838, 47.3748, 68.1101



50.6217, 47.3748, 60.5090



51.4434, 47.3748, 51.2077

Triad

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



50.6217, 47.3748, 60.5090



44.8970, 47.3748, 35.9381



39.9842, 47.3748, 61.2369

Complementary

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



50.6217, 47.3748, 60.5090



47.5270, 55.9579, 51.4787

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.



39.1701, 47.3748, 51.9604



50.6217, 47.3748, 60.5090



41.9226, 47.3748, 37.9724

Square

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



50.6217, 47.3748, 60.5090



48.0457, 47.3748, 37.6664



39.8629, 47.3748, 43.5812



42.1400, 47.3748, 68.5641

Rectangle

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



50.6217, 47.3748, 60.5090



50.9914, 47.3748, 45.4805



39.8629, 47.3748, 43.5812



39.5493, 47.3748, 58.2086

Sweetspot

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



50.6231, 47.3769, 60.5100



90.7217, 91.9752, 105.5095



44.9063, 44.3477, 63.9515



19.2926, 19.4543, 22.4834



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.



50.6231, 47.3769, 60.5100



80.7172, 73.5709, 97.2276



48.9471, 46.7065, 51.6842



11.5908, 11.3651, 13.6458



19.9533, 9.7919, 23.2703



1.0539, 0.5150, 1.3295

Inverse Universe

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



50.6231, 47.3769, 60.5100



80.7172, 73.5709, 97.2276



49.1596, 56.6110, 60.0759



11.5908, 11.3651, 13.6458



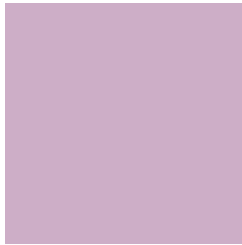
19.9533, 9.7919, 23.2703



1.0539, 0.5150, 1.3295

Previews

White Background



This preview shows how the XYZ color 50.6217, 47.3748, 60.5090 looks on a white background.

Color Contrast Check

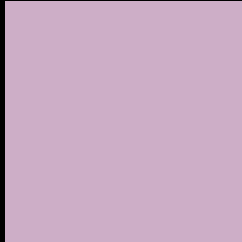
Large Text (above 18pt) WCAG AA × Fail

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 50.6217, 47.3748, 60.5090 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

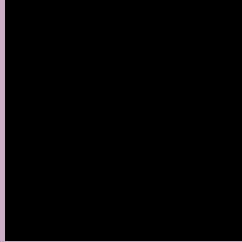
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 50.6217, 47.3748, 60.5090

Background



This preview shows how black text looks on a background with the XYZ color 50.6217, 47.3748, 60.5090.



This preview shows how white text looks on a background with the XYZ color 50.6217, 47.3748,

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

50.6217, 47.3748, 60.5090

Protanopia

46.4494, 47.5188, 63.8506

Deuteranopia

48.3616, 47.3873, 60.0238



Tritanopia

49.6125, 47.5622, 54.7097

Trichromacy



Original Color

50.6217, 47.3748, 60.5090

Protanomaly

47.7670, 47.3233, 62.4938

Deuteranomaly

49.2039, 47.5273, 60.0064

Tritanomaly

49.8575, 47.3476, 56.9633

Monochromacy



Original Color

50.6217, 47.3748, 60.5090

Achromatopsia

46.6715, 49.1021, 53.4722

Achromatomaly

48.1242, 48.5549, 56.1258

CSS Examples

Text

The CSS property to change the color of the text to XYZ 50.6217, 47.3748, 60.5090 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(205, 174, 199)` looks like.

```
.text, #text, p{  
    color:rgb(205, 174, 199)  
}
```

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(205, 174, 199) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(205, 174, 199) }
```

Border

The CSS property to change the border of an element to XYZ 50.6217, 47.3748, 60.5090 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(205, 174, 199) }
```


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

```
.border{ border-color:rgb(205, 174, 199) }
```

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

Here you see how a box with a 4 pixel `rgb(205, 174, 199)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(205, 174, 199); -webkit-box-  
shadow:4px 4px 4px 4px rgb(205, 174, 199);  
box-shadow:4px 4px 4px 4px rgb(205, 174,  
199) }
```

Background

The CSS property to change the background color of an element to XYZ 50.6217, 47.3748, 60.5090 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(205, 174, 199) }
```

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

```
.background{ background-color: rgb(205,  
174, 199) }
```

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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