

Converting Colors

XYZ(47.1813, 45.1592, 46.3160)

Have a look what the booklet for
XYZ(47.1813, 45.1592, 46.3160)
contains.

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Color

**XYZ(47.1047, 45.0192,
46.2513)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|---------------------------|
| Hex | CCABAE |
| RGB | 204, 171, 174 |
| RGB Percent | 80%, 67%, 68% |
| CMY | 0.2000, 0.3294, 0.3176 |
| CMYK | 0.00, 0.16, 0.15, 0.20 |
| HSL | 355°, 24%, 74% |
| HSV | 355°, 16%, 80% |
| XYZ | 47.1047, 45.0192, 46.2513 |
| YIQ | 181.2090, 18.7050, 7.9290 |

Conversions

Conversions Part 2

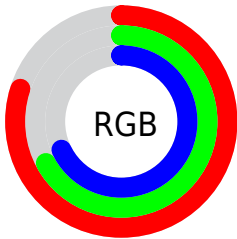
| Format | Color |
|-------------------------------------|-------------------------------|
| R _Y B | 204, 171, 174 |
| Decimal | 13413294 |
| CIE Lab | 72.90, 12.47, 2.94 |
| CIE LCh | 73, 12.814, 13.265 |
| Yxy | 45.0192, 0.3404, 0.3253 |
| Android (android.graphics.Color) | 4291603374 (0xFFCCABAE) |
| YUV | 181.2090, -3.5540, 19.9877 |
| Hunter-Lab | 67.0963, 7.8965, 6.0973 |

Details

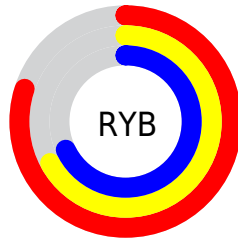
The XYZ color **47.1047, 45.0192, 46.2513** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **48.9318, 56.0617, 63.5030**, and the grayscale version is **44.0466, 46.3405, 50.4648**.

A 20% lighter version of the original color is **82.5792, 81.3099, 85.4707**, and **22.5041, 20.9884, 21.2774** is the 20% darker color. If you saturate the color by 10%, you get **41.8597, 37.2256, 36.1895**, and if you desaturate by 10%, it is **53.1966, 54.1061, 57.8284**.

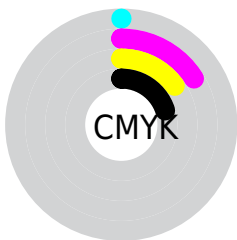
Distribution



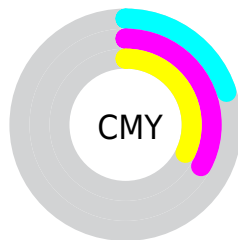
- Red (80%)
- Green (67%)
- Blue (68%)



- Red (80%)
- Yellow (67%)
- Blue (68%)



- Cyan (0%)
- Magenta (16%)
- Yellow (15%)
- Black (20%)




- Cyan (20%)
- Magenta (33%)
- Yellow (32%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 47.1047, 45.0192, 46.2513 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 47.1047, 45.0192, 46.2513 by changing the saturation by 10% instead.


 47.1047, 45.0192,
46.2513

 47.1047, 45.0192,
46.2513


365.8742,
366.8513, 388.1249

 33.3267, 31.4725,
32.0941


 85.0877, 82.7492,
85.9332

 22.5373, 20.9589,
21.1680


110.0234,
107.7014, 112.2950

 14.3710, 13.0940,
13.0544

139.4091,
137.2242, 143.5620

 8.4626, 7.4933,
7.3348

173.6100,
171.7020, 180.1528

 4.4466, 3.7725,
3.5908

212.9917,
211.5192, 222.4860

 1.9578, 1.5471,
1.4036

257.9194,

 0.6101, 0.3215,

257.0602, 270.9800

0.1446

308.7584,
308.7095, 326.0535

■ 0.0000, 0.0000,
0.0000

■ 47.1047, 45.0192,
46.2513

■ 47.1047, 45.0192,
46.2513

■ 41.8597, 37.2256,
36.1895

■ 53.1966, 54.1061,
57.8284

■ 37.4205, 30.6607,
27.5774

■ 60.1668, 64.5350,
70.9768

■ 33.7482, 25.2638,
20.3491

■ 68.0494, 76.3595,
85.7534

■ 30.7992, 20.9662,
14.4322

■ 76.8758, 89.6282,
102.2111

■ 28.5255, 17.6923,
9.7479

■ 78.7120, 91.5774,
108.1354

■ 26.8731, 15.3569,
6.2089

■ 25.7799, 13.8608,
3.7161

■ 25.1689, 13.0798,
2.1533

■ 25.0155, 12.8829,
1.7632

Harmonies

Analogous

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



47.0330, 45.0192, 52.6439



47.1047, 45.0192, 46.2513



45.9918, 45.0192, 41.0664

Triad

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



47.1047, 45.0192, 46.2513



39.9144, 45.0192, 40.6004



41.5653, 45.0192, 61.7582

Complementary

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



47.1047, 45.0192, 46.2513



48.9318, 56.0617, 63.5030

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.



39.7392, 45.0192, 57.9355



47.1047, 45.0192, 46.2513



38.8090, 45.0192, 45.5631

Square

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



47.1047, 45.0192, 46.2513



41.8120, 45.0192, 38.0003



38.7460, 45.0192, 51.8934



43.7819, 45.0192, 61.9833

Rectangle

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



47.1047, 45.0192, 46.2513



44.7496, 45.0192, 38.8386



38.7460, 45.0192, 51.8934



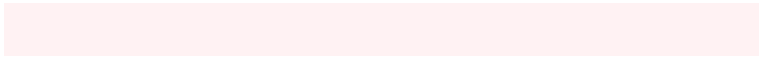
40.8873, 45.0192, 60.8372

Sweetspot

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



47.1060, 45.0212, 46.2522



89.3059, 91.4089, 98.0540



49.4701, 45.8635, 63.3723



18.9488, 19.3167, 20.6729



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.



47.1060, 45.0212, 46.2522



75.1955, 70.3685, 71.2141



49.4359, 50.1434, 45.6037



11.2530, 11.2299, 11.8670



15.7601, 8.1146, 1.1895



0.8276, 0.4244, 0.1380

Inverse Universe

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



47.1060, 45.0212, 46.2522



75.1955, 70.3685, 71.2141



46.2826, 50.1936, 64.3760



11.2530, 11.2299, 11.8670



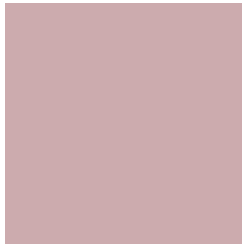
15.7601, 8.1146, 1.1895



0.8276, 0.4244, 0.1380

Previews

White Background



This preview shows how the XYZ color 47.1047, 45.0192, 46.2513 looks on a white background.

Color Contrast Check

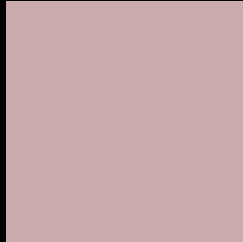
Large Text (above 18pt) WCAG AA × Fail

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 47.1047, 45.0192, 46.2513 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

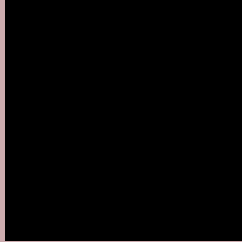
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 47.1047, 45.0192, 46.2513

Background



This preview shows how black text looks on a background with the XYZ color 47.1047, 45.0192, 46.2513.



This preview shows how white text looks on a background with the XYZ color 47.1047, 45.0192,

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

47.1047, 45.0192, 46.2513

Protanopia

43.2477, 45.0002, 48.5260

Deuteranopia

45.8723, 44.9489, 46.3027



Tritanopia

48.0988, 45.1475, 50.9790

Trichromacy



Original Color

47.1047, 45.0192, 46.2513

Protanomaly

44.5010, 44.7814, 47.8932

Deuteranomaly

46.2119, 44.8404, 46.2638

Tritanomaly

47.7898, 45.0239, 49.3517

Monochromacy



Original Color

47.1047, 45.0192, 46.2513

Achromatopsia

43.9204, 46.2077, 50.3202

Achromatomaly

44.7443, 45.4775, 48.5392

CSS Examples

Text

The CSS property to change the color of the text to XYZ 47.1047, 45.0192, 46.2513 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, 171, 174)` looks like.

```
.text, #text, p{  
    color:rgb(204, 171, 174)  
}
```

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, 171, 174) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(204, 171, 174) }
```

Border

The CSS property to change the border of an element to XYZ 47.1047, 45.0192, 46.2513 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, 171, 174) }
```


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

```
.border{ border-color:rgb(204, 171, 174) }
```

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

Here you see how a box with a 4 pixel `rgb(204, 171, 174)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(204, 171, 174); -webkit-box-  
shadow:4px 4px 4px 4px rgb(204, 171, 174);  
box-shadow:4px 4px 4px 4px rgb(204, 171,  
174) }
```

Background

The CSS property to change the background color of an element to XYZ 47.1047, 45.0192, 46.2513 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(204, 171, 174) }
```

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

```
.background{ background-color: rgb(204,  
171, 174) }
```

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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