

Converting Colors

XYZ(49.3865, 47.5055, 49.3302)

Have a look what the booklet for
XYZ(49.3865, 47.5055, 49.3302)
contains.

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Color

**XYZ(49.3941, 47.5707,
49.2265)**

Conversions

Conversions Part 1

Format	Color
Hex	CFB0B3
RGB	207, 176, 179
RGB Percent	81%, 69%, 70%
CMY	0.1882, 0.3098, 0.2980
CMYK	0.00, 0.15, 0.14, 0.19
HSL	354°, 24%, 75%
HSV	354°, 15%, 81%
XYZ	49.3941, 47.5707, 49.2265
YIQ	185.6110, 17.5130, 7.5050

Conversions

Conversions Part 2

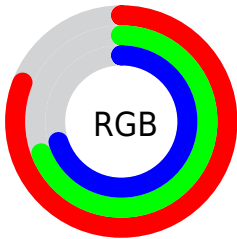
Format	Color
R _Y B	207, 176, 179
Decimal	13611187
CIE Lab	74.55, 11.67, 2.63
CIE LCh	75, 11.966, 12.677
Yxy	47.5707, 0.3379, 0.3254
Android (android.graphics.Color)	4291801267 (0xFFCFB0B3)
YUV	185.6110, -3.2592, 18.7582
Hunter-Lab	68.9715, 7.1330, 5.9635

Details

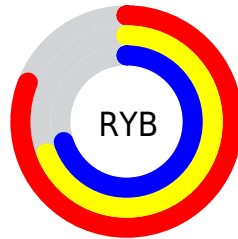
The XYZ color **49.3941, 47.5707, 49.2265** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **51.1182, 58.2165, 65.6722**, and the grayscale version is **46.4664, 48.8863, 53.2372**.

A 20% lighter version of the original color is **85.0920, 84.9714, 90.5135**, and **23.7977, 22.3477, 22.7979** is the 20% darker color. If you saturate the color by 10%, you get **43.8761, 39.3585, 38.6809**, and if you desaturate by 10%, it is **55.7901, 57.1276, 61.3313**.

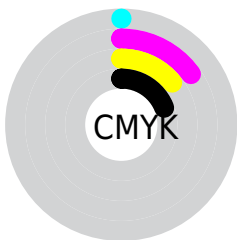
Distribution



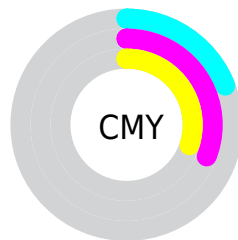
- Red (81%)
- Green (69%)
- Blue (70%)



- Red (81%)
- Yellow (69%)
- Blue (70%)



- Cyan (0%)
- Magenta (15%)
- Yellow (14%)
- Black (19%)





- Cyan (19%)
- Magenta (31%)
- Yellow (30%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 49.3941, 47.5707, 49.2265 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 49.3941, 47.5707, 49.2265 by changing the saturation by 10% instead.


 49.3941, 47.5707,
49.2265

 49.3941, 47.5707,
49.2265


374.7830,
377.0880, 400.2814

 35.1480, 33.4870,
34.4323

 88.4737, 86.5649,
90.4122

 23.9440, 22.4998,
22.9459


114.0379,
112.2442, 117.6409

 15.4166, 14.2246,
14.3486


144.1056,
142.5575, 149.8514

 9.2005, 8.2771,
8.2220

179.0421,
177.8892, 187.4624

 4.9303, 4.2727,
4.1475

219.2127,
218.6237, 230.8923

 2.2408, 1.8273,
1.7066

264.9828,

 0.7641, 0.5041,

265.1454, 280.5598

0.3653

316.7178,
317.8387, 336.8833

■ 0.0000, 0.0000,
0.0000

■ 49.3941, 47.5707,
49.2265

■ 49.3941, 47.5707,
49.2265

■ 43.8761, 39.3585,
38.6809

■ 55.7901, 57.1276,
61.3313

■ 39.1940, 32.4245,
29.6280

■ 63.0961, 68.0788,
75.0518

■ 35.3080, 26.7063,
22.0013

■ 71.3471, 80.4797,
90.4456

■ 32.1738, 22.1338,
15.7278

■ 79.3493, 91.9283,
107.1578

■ 29.7423, 18.6297,
10.7284

■ 79.5423, 92.0055,
108.1743

■ 27.9589, 16.1070,
6.9152

■ 26.7608, 14.4652,
4.1896

■ 26.0721, 13.5821,
2.4365

■ 25.8587, 13.3160,
1.8696

Harmonies

Analogous

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



49.3016, 47.5707, 55.4240



49.3941, 47.5707, 49.2265



48.3411, 47.5707, 44.1356

Triad

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



49.3941, 47.5707, 49.2265



42.4538, 47.5707, 43.5249



43.9876, 47.5707, 64.0177

Complementary

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



49.3941, 47.5707, 49.2265



51.1182, 58.2165, 65.6722

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.



42.2257, 47.5707, 60.2961



49.3941, 47.5707, 49.2265



41.3598, 47.5707, 48.3307

Square

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



49.3941, 47.5707, 49.2265



44.3080, 47.5707, 41.0245



41.2776, 47.5707, 54.4542



46.1333, 47.5707, 64.3059

Rectangle

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



49.3941, 47.5707, 49.2265



47.1502, 47.5707, 41.9198



41.2776, 47.5707, 54.4542



43.3325, 47.5707, 63.1139

Sweetspot

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



49.3954, 47.5728, 49.2275



90.4336, 93.0845, 100.2174



51.6636, 48.3810, 65.6474



19.1765, 19.6544, 21.1114



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.



49.3954, 47.5728, 49.2275



76.1435, 71.7414, 73.1430



51.6388, 52.5393, 48.4963



11.8545, 11.8265, 12.5096



16.3079, 8.3960, 1.2619



0.9281, 0.4760, 0.1562

Inverse Universe

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



49.3954, 47.5728, 49.2275



76.1435, 71.7414, 73.1430



48.5943, 52.5880, 66.6212



11.8545, 11.8265, 12.5096



16.3079, 8.3960, 1.2619



0.9281, 0.4760, 0.1562

Previews

White Background



This preview shows how the XYZ color 49.3941, 47.5707, 49.2265 looks on a white background.

Color Contrast Check

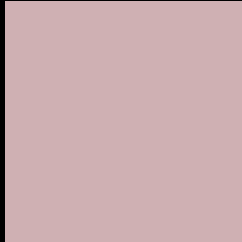
Large Text (above 18pt) WCAG AA × Fail

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 49.3941, 47.5707, 49.2265 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 49.3941, 47.5707, 49.2265

Background



This preview shows how black text looks on a background with the XYZ color 49.3941, 47.5707, 49.2265.



This preview shows how white text looks on a background with the XYZ color 49.3941, 47.5707,

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

49.3941, 47.5707, 49.2265

Protanopia

45.9742, 47.8507, 51.6127

Deuteranopia

48.6857, 47.7920, 49.3066



Tritanopia

50.4195, 47.7007, 54.1267

Trichromacy



Original Color

49.3941, 47.5707, 49.2265

Protanomaly

47.0129, 47.4892, 50.9445

Deuteranomaly

48.7607, 47.5363, 49.2533

Tritanomaly

50.0994, 47.5726, 52.4409

Monochromacy



Original Color

49.3941, 47.5707, 49.2265

Achromatopsia

46.6715, 49.1021, 53.4722

Achromatomaly

47.5233, 48.3441, 51.6263

CSS Examples

Text

The CSS property to change the color of the text to XYZ 49.3941, 47.5707, 49.2265 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, 176, 179)` looks like.

```
.text, #text, p{  
    color:rgb(207, 176, 179)  
}
```

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, 176, 179) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(207, 176, 179) }
```

Border

The CSS property to change the border of an element to XYZ 49.3941, 47.5707, 49.2265 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, 176, 179) }
```


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

```
.border{ border-color:rgb(207, 176, 179) }
```

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

Here you see how a box with a 4 pixel `rgb(207, 176, 179)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(207, 176, 179); -webkit-box-  
shadow:4px 4px 4px 4px rgb(207, 176, 179);  
box-shadow:4px 4px 4px 4px rgb(207, 176,  
179) }
```

Background

The CSS property to change the background color of an element to XYZ 49.3941, 47.5707, 49.2265 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(207, 176, 179) }
```

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

```
.background{ background-color: rgb(207,  
176, 179) }
```

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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