

Converting Colors

XYZ(49.3890, 49.0061, 37.8664)

Have a look what the booklet for
XYZ(49.3890, 49.0061, 37.8664)
contains.

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Color

**XYZ(49.3890, 49.0061,
37.8664)**

Conversions

Conversions Part 1

Format	Color
Hex	D4B49B
RGB	212, 180, 155
RGB Percent	83%, 71%, 61%
CMY	0.1686, 0.2941, 0.3922
CMYK	0.00, 0.15, 0.27, 0.17
HSL	26°, 40%, 72%
HSV	26°, 27%, 83%
XYZ	49.3890, 49.0061, 37.8664
YIQ	186.7180, 27.0970, -0.9910

Conversions

Conversions Part 2

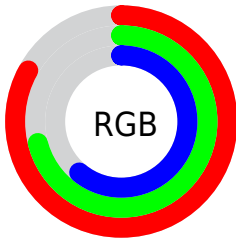
Format	Color
R _Y B	212, 200, 155
Decimal	13939867
CIE Lab	75.46, 7.77, 17.04
CIE LCh	75, 18.725, 65.472
Yxy	49.0061, 0.3625, 0.3596
Android (android.graphics.Color)	4292129947 (0xFFD4B49B)
YUV	186.7180, -15.6370, 22.1723
Hunter-Lab	70.0044, 3.4265, 16.9322

Details

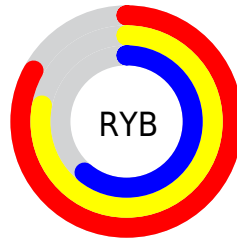
The XYZ color **49.3890, 49.0061, 37.8664** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **43.1711, 47.2613, 69.1345**, and the grayscale version is **47.1508, 49.6063, 54.0213**.

A 20% lighter version of the original color is **82.8683, 85.9040, 73.1863**, and **23.9927, 23.3463, 16.3384** is the 20% darker color. If you saturate the color by 10%, you get **45.4627, 43.7569, 28.5315**, and if you desaturate by 10%, it is **53.8368, 54.7974, 48.9184**.

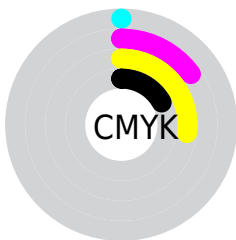
Distribution



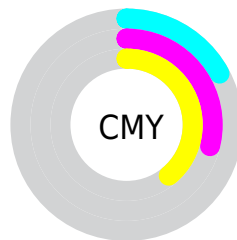
- Red (83%)
- Green (71%)
- Blue (61%)



- Red (83%)
- Yellow (78%)
- Blue (61%)



- Cyan (0%)
- Magenta (15%)
- Yellow (27%)
- Black (17%)





- Cyan (17%)
- Magenta (29%)
- Yellow (39%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 49.3890, 49.0061, 37.8664 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 49.3890, 49.0061, 37.8664 by changing the saturation by 10% instead.

 49.3890, 49.0061,
37.8664


 49.3890, 49.0061,
37.8664


374.7633,
382.7663, 352.3275

 35.1440, 34.6243,
25.5780


 88.4662, 88.7005,
73.1045

 23.9408, 23.3736,
16.2853


 114.0290,
114.7819, 96.8912

 15.4142, 14.8696,
9.5697


144.0952,
145.5320, 125.3478

 9.1988, 8.7279,
5.0128

179.0301,
181.3352, 158.8928

 4.9292, 4.5642,
2.1959

219.1989,
222.5758, 197.9447

 2.2401, 1.9939,
0.6720

264.9672,

 0.7638, 0.6039,

269.6383, 242.9221

0.0000

316.7002,
322.9070, 294.2435

■ 0.0000, 0.0000,
0.0000

■ 49.3890, 49.0061,
37.8664

■ 49.3890, 49.0061,
37.8664

■ 45.4627, 43.7569,
28.5315

■ 53.8368, 54.7974,
48.9184

■ 42.0326, 39.0262,
20.8229

■ 58.8223, 61.1401,
61.7658

■ 39.0766, 34.7984,
14.6458

■ 64.3658, 68.0517,
76.4860

■ 36.5696, 31.0543,
9.8944

■ 70.4852, 75.5468,
93.1506

■ 34.4832, 27.7735,
6.4492

■ 76.2163, 83.2468,
106.6590

■ 32.7852, 24.9330,
4.1708

■ 79.8256, 90.4655,
107.8621

■ 31.4350, 22.5064,
2.8769

■ 80.9614, 92.7371,
108.2407

■ 31.0657, 21.8256,
2.5754

Harmonies

Analogous

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



52.1962, 49.0061, 43.0708



49.3890, 49.0061, 37.8664



45.9487, 49.0061, 36.5853

Triad

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



49.3890, 49.0061, 37.8664



40.2790, 49.0061, 55.1927



50.5378, 49.0061, 70.3860

Complementary

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



49.3890, 49.0061, 37.8664



43.1711, 47.2613, 69.1345

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.



47.2147, 49.0061, 74.6071



49.3890, 49.0061, 37.8664



41.3796, 49.0061, 65.1682

Square

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



49.3890, 49.0061, 37.8664



40.7975, 49.0061, 45.8505



43.8773, 49.0061, 72.5889



52.8821, 49.0061, 61.6462

Rectangle

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



49.3890, 49.0061, 37.8664



43.7821, 49.0061, 37.9718



43.8773, 49.0061, 72.5889



49.4922, 49.0061, 72.4265

Sweetspot

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



49.3903, 49.0083, 37.8674



88.3928, 91.6653, 91.3290



47.8749, 41.0410, 52.5811



18.6650, 19.2982, 18.8855



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.



49.3903, 49.0083, 37.8674



71.6701, 69.9897, 49.4703



55.6727, 61.5732, 39.9616



12.8670, 13.3082, 13.0513



19.2744, 13.6661, 1.6219



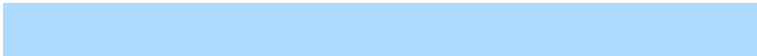
1.2442, 0.9875, 0.1250

Inverse Universe

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



43.1711, 47.2613, 69.1345



60.7570, 66.9196, 104.3223



37.7656, 36.4502, 67.3326



12.3151, 13.1536, 15.8273



11.5104, 11.2826, 40.0242



0.7760, 0.8441, 2.4413

Previews

White Background



This preview shows how the XYZ color 49.3890, 49.0061, 37.8664 looks on a white background.

Color Contrast Check

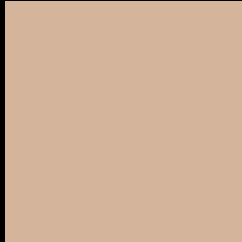
Large Text (above 18pt) WCAG AA × Fail

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 49.3890, 49.0061, 37.8664 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

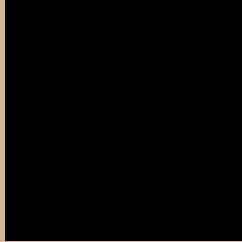
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 49.3890, 49.0061, 37.8664

Background



This preview shows how black text looks on a background with the XYZ color 49.3890, 49.0061, 37.8664.



This preview shows how white text looks on a background with the XYZ color 49.3890, 49.0061,

37.8664.

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

49.3890, 49.0061, 37.8664

Protanopia

46.4954, 49.3222, 39.4173

Deuteranopia

50.0608, 49.0538, 37.8402



Tritanopia

52.8342, 48.9330, 54.8045

Trichromacy



Original Color

49.3890, 49.0061, 37.8664

Protanomaly

47.5834, 49.2719, 38.9008

Deuteranomaly

49.7681, 48.9029, 37.8265

Tritanomaly

51.6823, 49.0657, 48.3416

Monochromacy



Original Color

49.3890, 49.0061, 37.8664

Achromatopsia

47.2335, 49.6933, 54.1160

Achromatomaly

47.6433, 49.1119, 47.5259

CSS Examples

Text

The CSS property to change the color of the text to XYZ 49.3890, 49.0061, 37.8664 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, 180, 155)` looks like.

```
.text, #text, p{  
    color:rgb(212, 180, 155)  
}
```

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, 180, 155) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(212, 180, 155) }
```

Border

The CSS property to change the border of an element to XYZ 49.3890, 49.0061, 37.8664 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, 180, 155) }
```


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

```
.border{ border-color:rgb(212, 180, 155) }
```

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

Here you see how a box with a 4 pixel `rgb(212, 180, 155)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(212, 180, 155); -webkit-box-  
shadow:4px 4px 4px 4px rgb(212, 180, 155);  
box-shadow:4px 4px 4px 4px rgb(212, 180,  
155) }
```

Background

The CSS property to change the background color of an element to XYZ 49.3890, 49.0061, 37.8664 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(212, 180, 155) }
```

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

```
.background{ background-color: rgb(212,  
180, 155) }
```

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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