

Converting Colors

XYZ(46.5448, 41.8946, 37.9462)

Have a look what the booklet for
XYZ(46.5448, 41.8946, 37.9462)
contains.

XYZ(46.4739, 41.9064, 37.9870)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(46.4739, 41.9064,
37.9870)**

Conversions

Conversions Part 1

Format	Color
Hex	D6A09E
RGB	214, 160, 158
RGB Percent	84%, 63%, 62%
CMY	0.1608, 0.3725, 0.3804
CMYK	0.00, 0.25, 0.26, 0.16
HSL	2°, 41%, 73%
HSV	2°, 26%, 84%
XYZ	46.4739, 41.9064, 37.9870
YIQ	175.9180, 32.8260, 10.8260

Conversions

Conversions Part 2

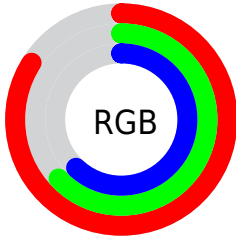
Format	Color
R _Y B	214, 160, 158
Decimal	14065822
CIE Lab	70.81, 19.74, 8.87
CIE LCh	71, 21.643, 24.196
Yxy	41.9064, 0.3678, 0.3316
Android (android.graphics.Color)	4292255902 (0xFFD6A09E)
YUV	175.9180, -8.8336, 33.3979
Hunter-Lab	64.7352, 14.8601, 10.5229

Details

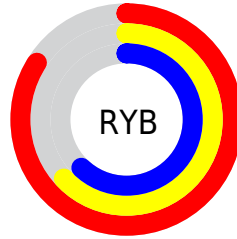
The XYZ color **46.4739, 41.9064, 37.9870** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **49.7808, 59.2091, 72.4233**, and the grayscale version is **41.2577, 43.4063, 47.2694**.

A 20% lighter version of the original color is **77.5507, 74.6650, 73.2752**, and **22.1170, 19.0558, 16.4224** is the 20% darker color. If you saturate the color by 10%, you get **41.5049, 34.6639, 28.0204**, and if you desaturate by 10%, it is **52.3596, 50.4684, 49.8426**.

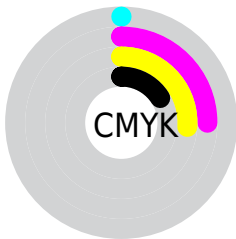
Distribution



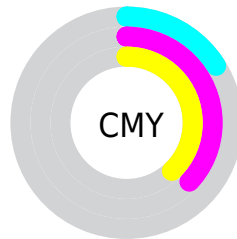
- Red (84%)
- Green (63%)
- Blue (62%)



- Red (84%)
- Yellow (63%)
- Blue (62%)



- Cyan (0%)
- Magenta (25%)
- Yellow (26%)
- Black (16%)





- Cyan (16%)
- Magenta (37%)
- Yellow (38%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 46.4739, 41.9064, 37.9870 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 46.4739, 41.9064, 37.9870 by changing the saturation by 10% instead.


 46.4739, 41.9064,
37.9870


 46.4739, 41.9064,
37.9870


363.3947,
354.0948, 352.8607

 32.8261, 29.0280,
25.6708


 84.1513, 78.0579,
73.2914

 22.1519, 19.1020,
16.3540


 108.9117,
102.0999, 97.1168

 14.0858, 11.7440,
9.6179


138.1070,
130.6318, 125.6156

 8.2625, 6.5696,
5.0441

172.1026,
164.0381, 159.2064

 4.3166, 3.1944,
2.2140

211.2638,
202.7031, 198.3078

 1.8827, 1.2341,
0.6824

255.9559,

 0.5668, 0.0893,

247.0113, 243.3383

0.0000

306.5445,
297.3471, 294.7164

■ 0.0000, 0.0000,
0.0000

■ 46.4739, 41.9064,
37.9870

■ 46.4739, 41.9064,
37.9870

■ 41.5049, 34.6639,
28.0204

■ 52.3596, 50.4684,
49.8426

■ 37.4033, 28.6699,
19.8428

■ 59.2013, 60.4048,
63.6748

■ 34.1204, 23.8555,
13.3491

■ 67.0402, 71.7744,
79.5691

■ 31.6013, 20.1430,
8.4221

■ 75.9138, 84.6308,
97.6051

■ 29.7842, 17.4452,
4.9295

■ 81.5416, 93.0362,
108.2678

■ 28.5979, 15.6619,
2.7175

■ 27.9555, 14.6720,
1.5941

■ 27.8148, 14.4625,
1.3255

Harmonies

Analogous

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



47.1105, 41.9064, 47.6600



46.4739, 41.9064, 37.9870



44.0126, 41.9064, 31.3839

Triad

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



46.4739, 41.9064, 37.9870



34.4839, 41.9064, 35.0007



39.1359, 41.9064, 68.2917

Complementary

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



46.4739, 41.9064, 37.9870



49.7808, 59.2091, 72.4233

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.



35.9226, 41.9064, 63.6398



46.4739, 41.9064, 37.9870



33.3425, 41.9064, 43.6564

Square

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



46.4739, 41.9064, 37.9870



37.0645, 41.9064, 29.8499



33.8529, 41.9064, 54.2326



42.7314, 41.9064, 66.1713

Rectangle

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



46.4739, 41.9064, 37.9870



41.7430, 41.9064, 29.1094



33.8529, 41.9064, 54.2326



37.9779, 41.9064, 67.4489

Sweetspot

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



46.4750, 41.9084, 37.9879



85.9806, 86.8410, 90.5249



51.8592, 43.5105, 68.0408



18.0615, 18.0912, 18.6843



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.



46.4750, 41.9084, 37.9879



65.1475, 56.5445, 48.5289



51.8582, 52.6746, 39.7822



12.4585, 12.4913, 12.9151



16.8283, 8.7738, 0.8066



1.0278, 0.5549, 0.0529

Inverse Universe

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



49.7808, 59.2091, 72.4233



70.8072, 86.1722, 107.5087



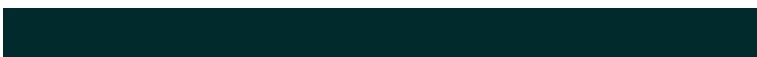
43.4067, 46.4609, 70.2986



12.7523, 14.0280, 15.9731



20.7437, 29.7492, 43.1020



1.2633, 1.8187, 2.6038

Previews

White Background



This preview shows how the XYZ color 46.4739, 41.9064, 37.9870 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 46.4739, 41.9064, 37.9870 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 46.4739, 41.9064, 37.9870

Background



This preview shows how black text looks on a background with the XYZ color 46.4739, 41.9064, 37.9870.



This preview shows how white text looks on a background with the XYZ color 46.4739, 41.9064,

37.9870.

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

46.4739, 41.9064, 37.9870

Protanopia

40.3255, 42.1875, 41.6149

Deuteranopia

42.9305, 41.9421, 37.7312



Tritanopia

47.5069, 41.8031, 43.5951

Trichromacy



Original Color

46.4739, 41.9064, 37.9870

Protanomaly

42.2624, 41.8204, 40.0271

Deuteranomaly

43.9899, 41.6818, 37.6252

Tritanomaly

47.3054, 41.9965, 41.6893

Monochromacy



Original Color

46.4739, 41.9064, 37.9870

Achromatopsia

41.2663, 43.4154, 47.2793

Achromatomaly

42.7714, 42.5612, 43.4970

CSS Examples

Text

The CSS property to change the color of the text to XYZ 46.4739, 41.9064, 37.9870 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(214, 160, 158)` looks like.

```
.text, #text, p{  
    color:rgb(214, 160, 158)  
}
```

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(214, 160, 158) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(214, 160, 158) }
```

Border

The CSS property to change the border of an element to XYZ 46.4739, 41.9064, 37.9870 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(214, 160, 158) }
```


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

```
.border{ border-color:rgb(214, 160, 158) }
```

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

Here you see how a box with a 4 pixel `rgb(214, 160, 158)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(214, 160, 158); -webkit-box-  
shadow:4px 4px 4px 4px rgb(214, 160, 158);  
box-shadow:4px 4px 4px 4px rgb(214, 160,  
158) }
```

Background

The CSS property to change the background color of an element to XYZ 46.4739, 41.9064, 37.9870 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(214, 160, 158) }
```

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

```
.background{ background-color: rgb(214,  
160, 158) }
```

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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