

Converting Colors

XYZ(47.3836, 48.7373, 44.4460)

Have a look what the booklet for
XYZ(47.3836, 48.7373, 44.4460)
contains.

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Color

**XYZ(47.3836, 48.7373,
44.4460)**

Conversions

Conversions Part 1

Format	Color
Hex	C6B7A9
RGB	198, 183, 169
RGB Percent	78%, 72%, 66%
CMY	0.2235, 0.2823, 0.3372
CMYK	0.00, 0.08, 0.15, 0.22
HSL	29°, 20%, 72%
HSV	29°, 15%, 78%
XYZ	47.3836, 48.7373, 44.4460
YIQ	185.8890, 13.4340, -1.1740

Conversions

Conversions Part 2

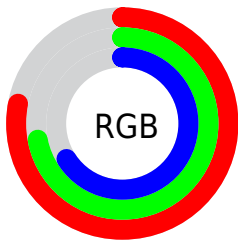
Format	Color
RYB	198, 196, 169
Decimal	13023145
CIELab	75.29, 2.98, 9.03
CIELCh	75, 9.510, 71.742
Yxy	48.7373, 0.3371, 0.3467
Android (android.graphics.Color)	4291213225 (0xFFC6B7A9)
YUV	185.8890, -8.3263, 10.6213
Hunter-Lab	69.8121, -1.0178, 11.1214

Details

The XYZ color **47.3836, 48.7373, 44.4460** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **43.6955, 46.7922, 60.1553**, and the grayscale version is **46.6509, 49.0804, 53.4486**.

A 20% lighter version of the original color is **85.5610, 88.3748, 83.0695**, and **22.6951, 23.1789, 20.1074** is the 20% darker color. If you saturate the color by 10%, you get **43.6285, 43.9797, 34.7076**, and if you desaturate by 10%, it is **51.5765, 53.9191, 55.7203**.

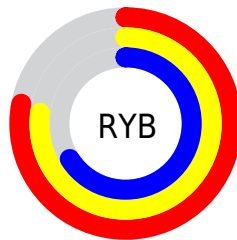
Distribution



Red (78%)

Green (72%)

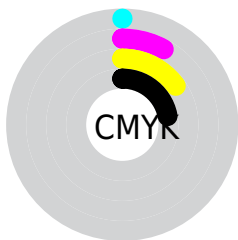
Blue (66%)



Red (78%)

Yellow (77%)

Blue (66%)

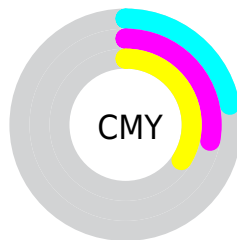


Cyan (0%)

Magenta (8%)

Yellow (15%)

Black (22%)



Cyan (22%)

Magenta (28%)

Yellow (34%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 47.3836, 48.7373, 44.4460 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 47.3836, 48.7373, 44.4460 by changing the saturation by 10% instead.

■ 47.3836, 48.7373,
44.4460

■ 47.3836, 48.7373,
44.4460

366.9670,
381.7072, 380.6197

■ 33.5482, 34.4111,
30.6815

■ 85.5012, 88.3012,
83.1981

■ 22.7080, 23.2096,
20.1000

110.5141,
114.3076, 109.0227

■ 14.4975, 14.7484,
12.2830

139.9836,
144.9764, 139.7045

■ 8.5515, 8.6430,
6.8118

174.2750,
180.6917, 175.6620

■ 4.5046, 4.5091,
3.2680

213.7537,
221.8381, 217.3138

■ 1.9914, 1.9622,
1.2331

258.7851,

■ 0.6291, 0.5854,

268.7998, 265.0782

0.0060

309.7344,
321.9614, 319.3740

■ 0.0000, 0.0000,
0.0000

■ 47.3836, 48.7373,
44.4460

■ 47.3836, 48.7373,
44.4460

■ 43.6285, 43.9797,
34.7076

■ 51.5765, 53.9191,
55.7203

■ 40.2915, 39.6284,
26.4345

■ 56.2183, 59.5297,
68.5907

■ 37.3568, 35.6732,
19.5550

■ 61.3244, 65.5818,
83.1179

■ 34.8063, 32.1015,
13.9903

■ 66.9084, 72.0855,
99.3585

■ 32.6200, 28.8994,
9.6534

■ 70.8183, 78.1848,
105.9664

■ 30.7760, 26.0521,
6.4469

■ 73.8214, 84.1909,
106.9674

■ 29.2492, 23.5434,
4.2580

■ 76.9957, 90.5396,
108.0255

■ 28.0098, 21.3548,
2.9502

■ 77.0989, 90.7458,
108.0599

■ 27.4365, 20.3011,
2.4724

Harmonies

Analogous

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



48.8749, 48.7373, 46.9167



47.3836, 48.7373, 44.4460



45.6432, 48.7373, 44.1950

Triad

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



47.3836, 48.7373, 44.4460



43.1121, 48.7373, 55.0483



48.5956, 48.7373, 60.5723

Complementary

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



47.3836, 48.7373, 44.4460



43.6955, 46.7922, 60.1553

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.



47.0102, 48.7373, 63.0525



47.3836, 48.7373, 44.4460



43.8622, 48.7373, 59.7318

Square

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



47.3836, 48.7373, 44.4460



43.2064, 48.7373, 50.1097



45.2790, 48.7373, 62.7356



49.5867, 48.7373, 56.1377

Rectangle

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



47.3836, 48.7373, 44.4460



44.5787, 48.7373, 45.2995



45.2790, 48.7373, 62.7356



48.1129, 48.7373, 61.6744

Sweetspot

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



47.3849, 48.7395, 44.4470



91.7913, 96.0411, 99.9261



46.1779, 43.8627, 51.6374



19.5191, 20.4004, 21.0383



0.0000, 0.0000, 0.0000



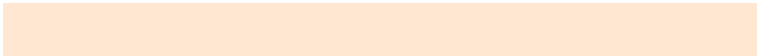
20.3446, 21.4041, 23.3091

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



47.3849, 48.7395, 44.4470



81.4111, 83.1685, 72.1488



50.4244, 54.8184, 45.4602



11.0494, 11.4680, 11.1939



17.9274, 13.3719, 1.6362



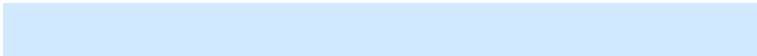
0.9213, 0.7780, 0.1016

Inverse Universe

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



43.6955, 46.7922, 60.1553



73.4651, 78.9745, 105.9793



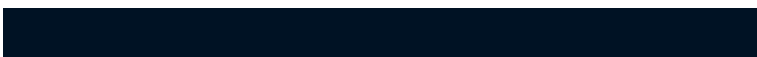
40.9244, 41.2499, 59.2315



10.5027, 11.1795, 13.5218



9.8297, 9.0532, 35.9737



0.5377, 0.5733, 1.7275

Previews

White Background



This preview shows how the XYZ color 47.3836, 48.7373, 44.4460 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 47.3836, 48.7373, 44.4460 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

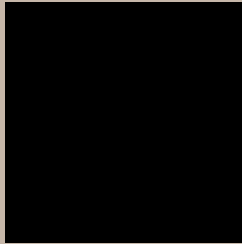
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

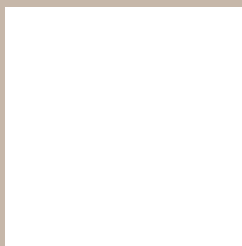
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 47.3836, 48.7373, 44.4460

Background



This preview shows how black text looks on a background with the XYZ color 47.3836, 48.7373, 44.4460.



This preview shows how white text looks on a background with the XYZ color 47.3836, 48.7373,

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

47.3836, 48.7373, 44.4460

Protanopia

46.3429, 48.8067, 45.0083

Deuteranopia

49.6703, 48.6978, 44.8119



Tritanopia

49.8331, 48.5080, 57.1886

Trichromacy



Original Color

47.3836, 48.7373, 44.4460

Protanomaly

46.6443, 48.6526, 44.9627

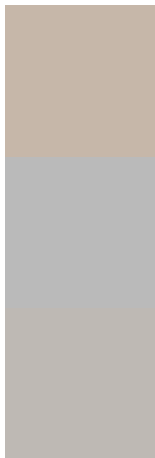
Deuteranomaly

48.7538, 48.5239, 44.8267

Tritanomaly

48.7924, 48.3826, 52.1145

Monochromacy



Original Color

47.3836, 48.7373, 44.4460

Achromatopsia

46.6715, 49.1021, 53.4722

Achromatomaly

46.8224, 48.9404, 50.1586

CSS Examples

Text

The CSS property to change the color of the text to XYZ 47.3836, 48.7373, 44.4460 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(198, 183, 169)` looks like.

```
.text, #text, p{  
    color:rgb(198, 183, 169)  
}
```

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(198, 183, 169) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(198, 183, 169) }
```

Border

The CSS property to change the border of an element to XYZ 47.3836, 48.7373, 44.4460 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(198, 183, 169) }
```


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

```
.border{ border-color:rgb(198, 183, 169) }
```

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

Here you see how a box with a 4 pixel `rgb(198, 183, 169)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(198, 183, 169); -webkit-box-  
shadow:4px 4px 4px 4px rgb(198, 183, 169);  
box-shadow:4px 4px 4px 4px rgb(198, 183,  
169) }
```

Background

The CSS property to change the background color of an element to XYZ 47.3836, 48.7373, 44.4460 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(198, 183, 169) }
```

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

```
.background{ background-color: rgb(198,  
183, 169) }
```

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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