

Converting Colors

XYZ(47.0756, 48.9915, 40.1192)

Have a look what the booklet for
XYZ(47.0756, 48.9915, 40.1192)
contains.

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Color

**XYZ(47.0388, 48.9612,
40.2289)**

Conversions

Conversions Part 1

Format	Color
Hex	C7B8A0
RGB	199, 184, 160
RGB Percent	78%, 72%, 63%
CMY	0.2196, 0.2784, 0.3725
CMYK	0.00, 0.08, 0.20, 0.22
HSL	37°, 26%, 70%
HSV	37°, 20%, 78%
XYZ	47.0388, 48.9612, 40.2289
YIQ	185.7490, 16.6440, -4.2840

Conversions

Conversions Part 2

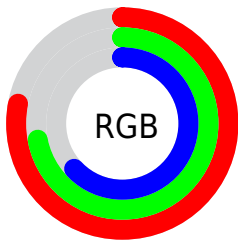
Format	Color
RYB	184, 199, 160
Decimal	13088928
CIELab	75.43, 1.41, 14.12
CIELCh	75, 14.191, 84.283
Yxy	48.9612, 0.3453, 0.3594
Android (android.graphics.Color)	4291279008 (0xFFC7B8A0)
YUV	185.7490, -12.6943, 11.6211
Hunter-Lab	69.9723, -2.4550, 14.8932

Details

The XYZ color **47.0388, 48.9612, 40.2289** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **40.1356, 42.2558, 60.0738**, and the grayscale version is **46.5950, 49.0216, 53.3845**.

A 20% lighter version of the original color is **84.6658, 88.4865, 76.9072**, and **22.5001, 23.3351, 17.5056** is the 20% darker color. If you saturate the color by 10%, you get **43.8891, 45.2281, 31.2668**, and if you desaturate by 10%, it is **50.5558, 52.9821, 50.6894**.

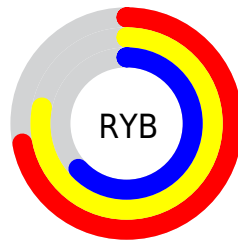
Distribution



Red (78%)

Green (72%)

Blue (63%)



Red (72%)

Yellow (78%)

Blue (63%)

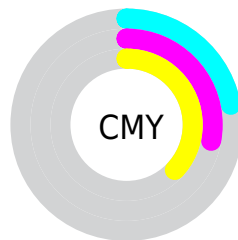


Cyan (0%)

Magenta (8%)

Yellow (20%)

Black (22%)



Cyan (22%)


Magenta (28%)


Yellow (37%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 47.0388, 48.9612, 40.2289 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 47.0388, 48.9612, 40.2289 by changing the saturation by 10% instead.


 47.0388, 48.9612,
40.2289


 47.0388, 48.9612,
40.2289


365.6157,
382.5896, 362.6681

 33.2744, 34.5887,
27.4019


 84.9899, 88.6338,
76.7528

 22.4970, 23.3462,
17.6402


 109.9074,
114.7027, 101.2869

 14.3412, 14.8494,
10.5252


139.2732,
145.4393, 130.5604

 8.4416, 8.7137,
5.6384

173.4528,
181.2278, 164.9918

 4.4330, 4.5549,
2.5613

212.8115,
222.4526, 204.9998

 1.9499, 1.9886,
0.8724

257.7146,

 0.6056, 0.6008,

269.4983, 251.0028

0.0000

308.5276,
322.7491, 303.4194

■ 0.0000, 0.0000,
0.0000

■ 47.0388, 48.9612,
40.2289

■ 47.0388, 48.9612,
40.2289

■ 43.8891, 45.2281,
31.2668

■ 50.5558, 52.9821,
50.6894

■ 41.0883, 41.7683,
23.7299

■ 54.4498, 57.2919,
62.7106

■ 38.6218, 38.5755,
17.5434

■ 58.7351, 61.8999,
76.3552

■ 36.4727, 35.6406,
12.6244

■ 63.4239, 66.8130,
91.6814

■ 34.6222, 32.9537,
8.8807

■ 67.7944, 71.7445,
104.8827

■ 33.0488, 30.5039,
6.2075

■ 69.8763, 75.9082,
105.5766

■ 31.7277, 28.2789,
4.4812

■ 72.0516, 80.2589,
106.3017

■ 30.6149, 26.2584,
3.4778

■ 74.3216, 84.7988,
107.0584

■ 30.5724, 26.1805,
3.4420

■ 76.6873, 89.5302,
107.8469

Harmonies

Analogous

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



49.5332, 48.9612, 42.4541



47.0388, 48.9612, 40.2289



44.4992, 48.9612, 41.2336

Triad

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



47.0388, 48.9612, 40.2289



42.1023, 48.9612, 59.4534



50.7385, 48.9612, 62.1654

Complementary

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



47.0388, 48.9612, 40.2289



40.1356, 42.2558, 60.0738

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.



48.6344, 48.9612, 67.5413



47.0388, 48.9612, 40.2289



43.6625, 48.9612, 65.8757

Square

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



47.0388, 48.9612, 40.2289



41.7108, 48.9612, 51.8889



46.0371, 48.9612, 68.9587



51.7200, 48.9612, 54.7577

Rectangle

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



47.0388, 48.9612, 40.2289



43.1135, 48.9612, 43.6527



46.0371, 48.9612, 68.9587



50.1353, 48.9612, 64.2968

Sweetspot

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



47.0401, 48.9634, 40.2299



90.8355, 95.3573, 95.8229



43.9213, 40.4030, 46.3512



19.3476, 20.3047, 20.2187



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.



47.0401, 48.9634, 40.2299



79.6624, 82.5606, 62.6584



49.3004, 55.0006, 41.2761



11.1682, 11.7055, 11.2335



19.7457, 17.0085, 2.2423



1.0035, 0.9425, 0.1290

Inverse Universe

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



40.1356, 42.2558, 60.0738



65.1452, 68.4596, 104.3883



38.1693, 37.1476, 59.1915



10.3854, 10.9450, 13.4827



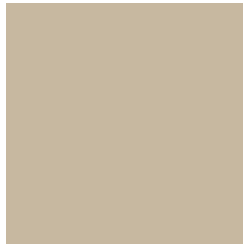
8.3925, 6.1790, 35.4947



0.4673, 0.4323, 1.7040

Previews

White Background



This preview shows how the XYZ color 47.0388, 48.9612, 40.2289 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 47.0388, 48.9612, 40.2289 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

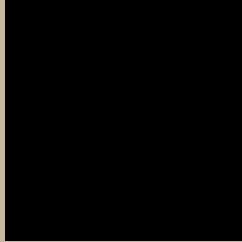
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 47.0388, 48.9612, 40.2289

Background



This preview shows how black text looks on a background with the XYZ color 47.0388, 48.9612, 40.2289.



This preview shows how white text looks on a background with the XYZ color 47.0388, 48.9612,

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

47.0388, 48.9612, 40.2289

Protanopia

46.2877, 48.8732, 40.7121

Deuteranopia

49.9937, 48.9595, 40.5334



Tritanopia

50.3743, 48.7870, 57.2139

Trichromacy



Original Color

47.0388, 48.9612, 40.2289

Protanomaly

46.5469, 49.0069, 40.7242

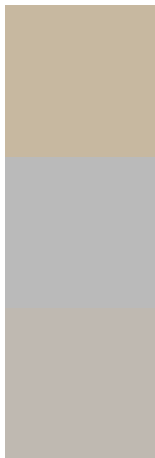
Deuteranomaly

48.9693, 49.0309, 40.6012

Tritanomaly

49.2215, 48.9405, 50.5683

Monochromacy



Original Color

47.0388, 48.9612, 40.2289

Achromatopsia

46.6715, 49.1021, 53.4722

Achromatomaly

46.7706, 48.9486, 48.5779

CSS Examples

Text

The CSS property to change the color of the text to XYZ 47.0388, 48.9612, 40.2289 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(199, 184, 160)` looks like.

```
.text, #text, p{  
    color:rgb(199, 184, 160)  
}
```

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(199, 184, 160) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(199, 184, 160) }
```

Border

The CSS property to change the border of an element to XYZ 47.0388, 48.9612, 40.2289 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(199, 184, 160) }
```


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

```
.border{ border-color:rgb(199, 184, 160) }
```

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

Here you see how a box with a 4 pixel `rgb(199, 184, 160)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(199, 184, 160); -webkit-box-  
shadow:4px 4px 4px 4px rgb(199, 184, 160);  
box-shadow:4px 4px 4px 4px rgb(199, 184,  
160) }
```

Background

The CSS property to change the background color of an element to XYZ 47.0388, 48.9612, 40.2289 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(199, 184, 160) }
```

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

```
.background{ background-color: rgb(199,  
184, 160) }
```

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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