

Converting Colors

XYZ(47.0691, 49.2283, 48.2820)

Have a look what the booklet for
XYZ(47.0691, 49.2283, 48.2820)
contains.

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Color

**XYZ(46.9237, 49.0390,
48.0666)**

Conversions

Conversions Part 1

Format	Color
Hex	C0B9B0
RGB	192, 185, 176
RGB Percent	75%, 73%, 69%
CMY	0.2471, 0.2745, 0.3098
CMYK	0.00, 0.04, 0.08, 0.25
HSL	34°, 11%, 72%
HSV	34°, 8%, 75%
XYZ	46.9237, 49.0390, 48.0666
YIQ	186.0670, 7.0610, -1.3150

Conversions

Conversions Part 2

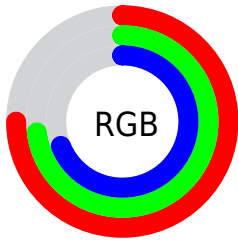
Format	Color
RYB	188, 192, 176
Decimal	12630448
CIELab	75.48, 0.88, 5.43
CIELCh	75, 5.502, 80.773
Yxy	49.0390, 0.3258, 0.3405
Android (android.graphics.Color)	4290820528 (0xFFC0B9B0)
YUV	186.0670, -4.9630, 5.2032
Hunter-Lab	70.0279, -2.9409, 8.3233

Details

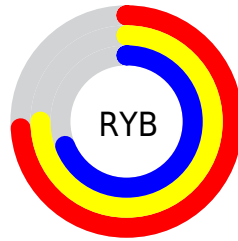
The XYZ color **46.9237, 49.0390, 48.0666** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **44.3524, 46.9021, 56.5852**, and the grayscale version is **46.7350, 49.1688, 53.5449**.

A 20% lighter version of the original color is **84.7322, 88.6932, 88.9976**, and **22.5368, 23.4467, 22.4066** is the 20% darker color. If you saturate the color by 10%, you get **43.4523, 44.9241, 38.1904**, and if you desaturate by 10%, it is **50.7703, 53.4731, 59.3947**.

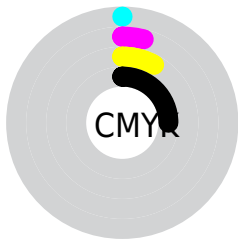
Distribution



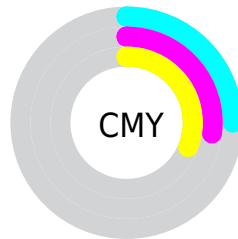
- Red (75%)
- Green (73%)
- Blue (69%)



- Red (74%)
- Yellow (75%)
- Blue (69%)



- Cyan (0%)
- Magenta (4%)
- Yellow (8%)
- Black (25%)



- Cyan (25%)
- Magenta (27%)
- Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 46.9237, 49.0390, 48.0666 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 46.9237, 49.0390, 48.0666 by changing the saturation by 10% instead.

■ 46.9237, 49.0390,
48.0666

■ 46.9237, 49.0390,
48.0666

365.1639,
382.8958, 395.5724

■ 33.1830, 34.6504,
33.5193

■ 84.8192, 88.7494,
88.6701

■ 22.4266, 23.3937,
22.2502

109.7047,
114.8400, 115.5634

■ 14.2891, 14.8845,
13.8408

139.0358,
145.6000, 147.4091

■ 8.4050, 8.7384,
7.8725

173.1780,
181.4139, 184.6257

■ 4.4092, 4.5709,
3.9269

212.4965,
222.6660, 227.6318

■ 1.9361, 1.9978,
1.5853

257.3568,

■ 0.5977, 0.6062,

269.7408, 276.8459

0.2803

308.1241,
323.0226, 332.6866

■ 0.0000, 0.0000,
0.0000

■ 46.9237, 49.0390,
48.0666

■ 46.9237, 49.0390,
48.0666

■ 43.4523, 44.9241,
38.1904

■ 50.7703, 53.4731,
59.3947

■ 40.3391, 41.1140,
29.7033

■ 55.0002, 58.2278,
72.2278

■ 37.5715, 37.6024,
22.5425

■ 59.6267, 63.3124,
86.6200

■ 35.1348, 34.3804,
16.6391

■ 64.6607, 68.7342,
102.6221

■ 33.0128, 31.4384,
11.9178

■ 67.2532, 73.3560,
105.2222

■ 31.1878, 28.7662,
8.2954

■ 69.6057, 78.0609,
106.0064

■ 29.6401, 26.3525,
5.6775

■ 72.0717, 82.9930,
106.8284

■ 28.3466, 24.1848,
3.9536

■ 74.6528, 88.1551,
107.6888

■ 27.2720, 22.2455,
2.9483

■ 75.5485, 89.9466,
107.9873

Harmonies

Analogous

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



47.8551, 49.0390, 49.1819



46.9237, 49.0390, 48.0666



45.9214, 49.0390, 48.3384

Triad

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



46.9237, 49.0390, 48.0666



44.8093, 49.0390, 55.4019



48.1381, 49.0390, 57.0079

Complementary

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



46.9237, 49.0390, 48.0666



44.3524, 46.9021, 56.5852

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.



47.3056, 49.0390, 58.7928



46.9237, 49.0390, 48.0666



45.3869, 49.0390, 57.8424

Square

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



46.9237, 49.0390, 48.0666



44.7104, 49.0390, 52.5040



46.2979, 49.0390, 59.1036



48.5629, 49.0390, 54.2963

Rectangle

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



46.9237, 49.0390, 48.0666



45.3473, 49.0390, 49.2737



46.2979, 49.0390, 59.1036



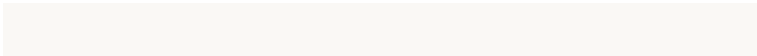
47.8961, 49.0390, 57.7402

Sweetspot

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



46.9251, 49.0411, 48.0677



89.3347, 93.8515, 99.7145



45.8323, 45.6851, 51.3121



19.1808, 20.1521, 21.4380



92.9021, 97.7402, 106.4391



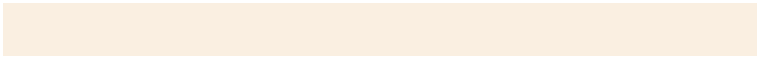
19.4759, 20.4902, 22.3138

Same Dimension

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



46.9251, 49.0411, 48.0677



83.8253, 87.4537, 83.6320



48.2230, 51.9369, 48.5582



10.5328, 10.9971, 10.6294



18.3176, 14.9209, 1.9146



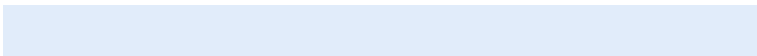
0.8591, 0.7799, 0.1053

Inverse Universe

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



44.3524, 46.9021, 56.5852



78.2116, 82.7864, 102.2175



43.1264, 44.1808, 56.1246



9.8826, 10.4564, 12.7823



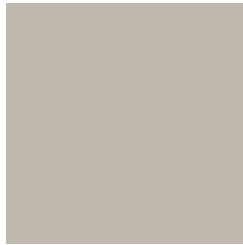
8.6080, 6.9724, 34.4487



0.4404, 0.4382, 1.5113

Previews

White Background



This preview shows how the XYZ color 46.9237, 49.0390, 48.0666 looks on a white background.

Color Contrast Check

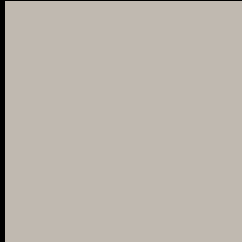
Large Text (above 18pt) WCAG AA × Fail

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 46.9237, 49.0390, 48.0666 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

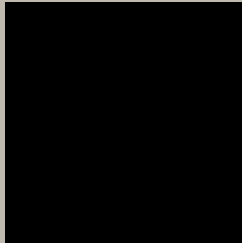
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

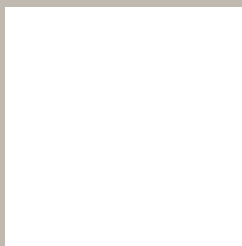
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 46.9237, 49.0390, 48.0666

Background



This preview shows how black text looks on a background with the XYZ color 46.9237, 49.0390, 48.0666.



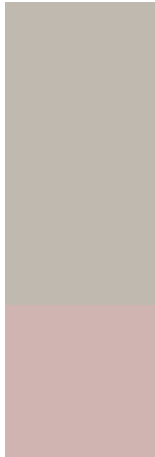
This preview shows how white text looks on a background with the XYZ color 46.9237, 49.0390,

48.0666.

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

46.9237, 49.0390, 48.0666

Protanopia

46.9237, 49.0390, 48.0666

Deuteranopia

49.9892, 49.0822, 48.4341



Tritanopia

49.1974, 49.0435, 59.0979

Trichromacy



Original Color

46.9237, 49.0390, 48.0666

Protanomaly

46.9237, 49.0390, 48.0666

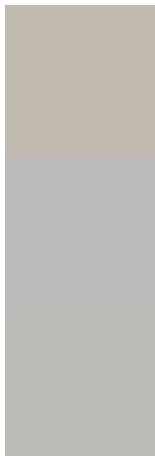
Deuteranomaly

49.0209, 49.1868, 48.5053

Tritanomaly

48.3669, 49.0104, 55.0549

Monochromacy



Original Color

46.9237, 49.0390, 48.0666

Achromatopsia

46.6715, 49.1021, 53.4722

Achromatomaly

46.7414, 49.1866, 51.2864

CSS Examples

Text

The CSS property to change the color of the text to XYZ 46.9237, 49.0390, 48.0666 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(192, 185, 176)` looks like.

```
.text, #text, p{  
    color:rgb(192, 185, 176)  
}
```

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(192, 185, 176) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(192, 185, 176) }
```

Border

The CSS property to change the border of an element to XYZ 46.9237, 49.0390, 48.0666 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(192, 185, 176) }
```


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

```
.border{ border-color:rgb(192, 185, 176) }
```

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

Here you see how a box with a 4 pixel `rgb(192, 185, 176)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(192, 185, 176); -webkit-box-  
shadow:4px 4px 4px 4px rgb(192, 185, 176);  
box-shadow:4px 4px 4px 4px rgb(192, 185,  
176) }
```

Background

The CSS property to change the background color of an element to XYZ 46.9237, 49.0390, 48.0666 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(192, 185, 176) }
```

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

```
.background{ background-color: rgb(192,  
185, 176) }
```

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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