

Converting Colors

XYZ(48.8190, 47.5968, 47.3440)

Have a look what the booklet for
XYZ(48.8190, 47.5968, 47.3440)
contains.

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Color

**XYZ(48.9136, 47.6612,
47.1790)**

Conversions

Conversions Part 1

Format	Color
Hex	CEB1AF
RGB	206, 177, 175
RGB Percent	81%, 69%, 69%
CMY	0.1922, 0.3059, 0.3137
CMYK	0.00, 0.14, 0.15, 0.19
HSL	4°, 24%, 75%
HSV	4°, 15%, 81%
XYZ	48.9136, 47.6612, 47.1790
YIQ	185.4430, 17.9260, 5.5260

Conversions

Conversions Part 2

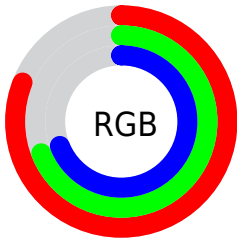
Format	Color
R _Y B	206, 177, 175
Decimal	13545903
CIE Lab	74.61, 10.12, 4.88
CIE LCh	75, 11.236, 25.762
Yxy	47.6612, 0.3403, 0.3315
Android (android.graphics.Color)	4291735983 (0xFFCEB1AF)
YUV	185.4430, -5.1484, 18.0285
Hunter-Lab	69.0371, 5.6545, 7.8080

Details

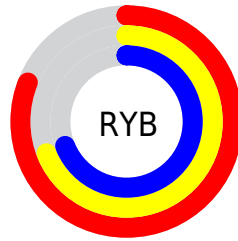
The XYZ color **48.9136, 47.6612, 47.1790** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **50.4124, 56.7548, 66.6908**, and the grayscale version is **46.3827, 48.7982, 53.1412**.

A 20% lighter version of the original color is **84.6618, 85.2510, 86.8558**, and **23.5453, 22.4247, 21.8263** is the 20% darker color. If you saturate the color by 10%, you get **43.5019, 39.8322, 36.1430**, and if you desaturate by 10%, it is **55.1740, 56.6927, 60.0218**.

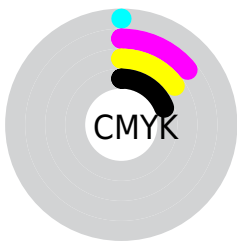
Distribution



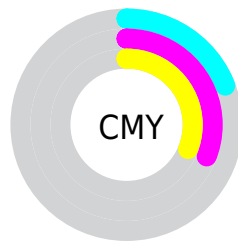
- Red (81%)
- Green (69%)
- Blue (69%)



- Red (81%)
- Yellow (69%)
- Blue (69%)



- Cyan (0%)
- Magenta (14%)
- Yellow (15%)
- Black (19%)



- Cyan (19%)
- Magenta (31%)
- Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 48.9136, 47.6612, 47.1790 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 48.9136, 47.6612, 47.1790 by changing the saturation by 10% instead.

■ 48.9136, 47.6612,
47.1790

■ 48.9136, 47.6612,
47.1790

372.9247,
377.4476, 391.9430

■ 34.7652, 33.5587,
32.8218

■ 87.7646, 86.6998,
87.3335

■ 23.6477, 22.5548,
21.7200

113.1979,
112.4046, 113.9680

■ 15.1958, 14.2651,
13.4550

143.1236,
142.7456, 145.5319

■ 9.0441, 8.3053,
7.6082

177.9070,
178.1072, 182.4439

■ 4.8273, 4.2909,
3.7611

217.9134,
218.8738, 225.1224

■ 2.1800, 1.8376,
1.4952

263.5083,

■ 0.7322, 0.5104,

265.4298, 273.9861

0.2144

315.0569,
318.1596, 329.4535

■ 0.0000, 0.0000,
0.0000

■ 48.9136, 47.6612,
47.1790

■ 48.9136, 47.6612,
47.1790

■ 43.5019, 39.8322,
36.1430

■ 55.1740, 56.6927,
60.0218

■ 38.8987, 33.1490,
26.8299

■ 62.3133, 66.9677,
74.7442

■ 35.0663, 27.5597,
19.1536

■ 70.3651, 78.5332,
91.4187

■ 31.9624, 23.0061,
13.0195

■ 78.9709, 91.2761,
108.0636

■ 29.5409, 19.4245,
8.3234

■ 79.2638, 91.8619,
108.1612

■ 27.7500, 16.7441,
4.9479

■ 26.5309, 14.8845,
2.7573

■ 25.8132, 13.7513,
1.5867

■ 25.6018, 13.4179,
1.2405

Harmonies

Analogous

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



49.3124, 47.6612, 52.7269



48.9136, 47.6612, 47.1790



47.5360, 47.6612, 43.1779

Triad

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



48.9136, 47.6612, 47.1790



42.1447, 47.6612, 45.8467



45.0122, 47.6612, 63.8812

Complementary

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



48.9136, 47.6612, 47.1790



50.4124, 56.7548, 66.6908

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.



43.1363, 47.6612, 61.7127



48.9136, 47.6612, 47.1790



41.5124, 47.6612, 51.0718

Square

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



48.9136, 47.6612, 47.1790



43.6225, 47.6612, 42.4500



41.8699, 47.6612, 56.9151



47.0211, 47.6612, 62.6462

Rectangle

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



48.9136, 47.6612, 47.1790



46.2690, 47.6612, 41.7810



41.8699, 47.6612, 56.9151



44.3457, 47.6612, 63.5220

Sweetspot

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



48.9149, 47.6633, 47.1800



89.3774, 91.8313, 97.2159



51.7373, 48.1637, 63.9803



18.9661, 19.4189, 20.4702



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.



48.9149, 47.6633, 47.1800



76.3211, 72.9886, 70.4522



52.0527, 53.9388, 48.2259



11.2696, 11.3281, 11.6720



15.7899, 8.3128, 0.7723



0.8354, 0.4705, 0.0468

Inverse Universe

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



50.4124, 56.7548, 66.6908



79.1937, 90.4317, 107.8889



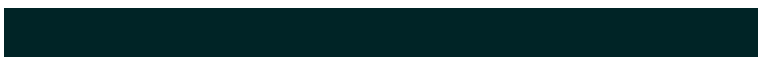
47.0073, 49.9445, 65.5557



11.4788, 12.5980, 14.3970



18.5876, 26.1992, 40.0336



0.9781, 1.3899, 2.0717

Previews

White Background



This preview shows how the XYZ color 48.9136, 47.6612, 47.1790 looks on a white background.

Color Contrast Check

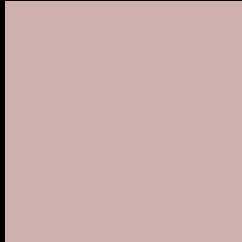
Large Text (above 18pt) WCAG AA × Fail

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 48.9136, 47.6612, 47.1790 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

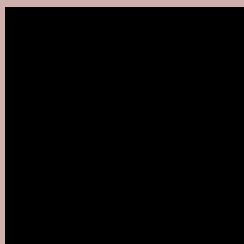
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 48.9136, 47.6612, 47.1790

Background



This preview shows how black text looks on a background with the XYZ color 48.9136, 47.6612, 47.1790.



This preview shows how white text looks on a background with the XYZ color 48.9136, 47.6612,

47.1790.

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

48.9136, 47.6612, 47.1790

Protanopia

45.7084, 47.7727, 48.9314

Deuteranopia

48.6368, 47.5186, 47.1660



Tritanopia

50.5277, 47.7440, 54.6965

Trichromacy



Original Color

48.9136, 47.6612, 47.1790

Protanomaly

46.9654, 47.8242, 48.3506

Deuteranomaly

48.6368, 47.5186, 47.1660

Tritanomaly

49.9092, 47.7768, 51.9387

Monochromacy



Original Color

48.9136, 47.6612, 47.1790

Achromatopsia

46.1135, 48.5150, 52.8328

Achromatomaly

47.0608, 48.1295, 50.5256

CSS Examples

Text

The CSS property to change the color of the text to XYZ 48.9136, 47.6612, 47.1790 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(206, 177, 175) looks like.

```
.text, #text, p{  
    color:rgb(206, 177, 175)  
}
```

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(206, 177, 175) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(206, 177, 175) }
```

Border

The CSS property to change the border of an element to XYZ 48.9136, 47.6612, 47.1790 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(206, 177, 175) }
```


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

```
.border{ border-color:rgb(206, 177, 175) }
```

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

Here you see how a box with a 4 pixel `rgb(206, 177, 175)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(206, 177, 175); -webkit-box-  
shadow:4px 4px 4px 4px rgb(206, 177, 175);  
box-shadow:4px 4px 4px 4px rgb(206, 177,  
175) }
```

Background

The CSS property to change the background color of an element to XYZ 48.9136, 47.6612, 47.1790 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(206, 177, 175) }
```

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

```
.background{ background-color: rgb(206,  
177, 175) }
```

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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