

Converting Colors

XYZ(47.4218, 48.5726, 47.3056)

Have a look what the booklet for
XYZ(47.4218, 48.5726, 47.3056)
contains.

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Color

**XYZ(47.4363, 48.6979,
47.4569)**

Conversions

Conversions Part 1

Format	Color
Hex	C4B7AF
RGB	196, 183, 175
RGB Percent	77%, 72%, 69%
CMY	0.2314, 0.2823, 0.3137
CMYK	0.00, 0.07, 0.11, 0.23
HSL	23°, 15%, 73%
HSV	23°, 11%, 77%
XYZ	47.4363, 48.6979, 47.4569
YIQ	185.9750, 10.3160, 0.2680

Conversions

Conversions Part 2

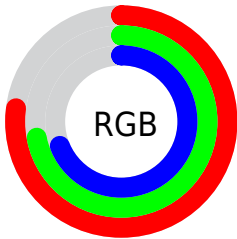
Format	Color
R_{YB}	196, 188, 175
Decimal	12892079
CIE Lab	75.26, 3.23, 5.71
CIE LCh	75, 6.563, 60.492
Yxy	48.6979, 0.3304, 0.3391
Android (android.graphics.Color)	4291082159 (0xFFC4B7AF)
YUV	185.9750, -5.4107, 8.7919
Hunter-Lab	69.7839, -0.7846, 8.5282

Details

The XYZ color **47.4363, 48.6979, 47.4569** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **45.6260, 49.0650, 59.2908**, and the grayscale version is **46.6846, 49.1158, 53.4871**.

A 20% lighter version of the original color is **85.7983, 88.3852, 88.1393**, and **22.7131, 23.1461, 22.0094** is the 20% darker color. If you saturate the color by 10%, you get **43.2546, 43.1945, 37.2449**, and if you desaturate by 10%, it is **52.1158, 54.7486, 59.2145**.

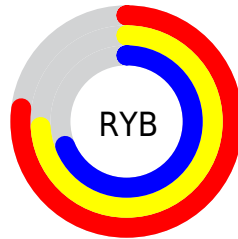
Distribution



Red (77%)

Green (72%)

Blue (69%)



Red (77%)

Yellow (74%)

Blue (69%)

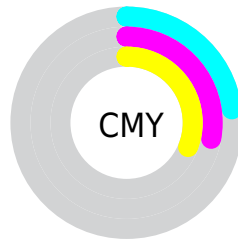


Cyan (0%)

Magenta (7%)

Yellow (11%)

Black (23%)



Cyan (23%)

Magenta (28%)

Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 47.4363, 48.6979, 47.4569 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 47.4363, 48.6979, 47.4569 by changing the saturation by 10% instead.

■ 47.4363, 48.6979,
47.4569

■ 47.4363, 48.6979,
47.4569

367.1733,
381.5518, 393.0818

■ 33.5901, 34.3799,
33.0401

■ 85.5793, 88.2426,
87.7523

■ 22.7403, 23.1856,
21.8858

110.6068,
114.2381, 114.4680

■ 14.5215, 14.7306,
13.5755

140.0921,
144.8949, 146.1204

■ 8.5684, 8.6305,
7.6906

174.4006,
180.5973, 183.1281

■ 4.5156, 4.5010,
3.8127

213.8976,
221.7298, 225.9095

■ 1.9977, 1.9576,
1.5232

258.9485,

■ 0.6327, 0.5826,

268.6768, 274.8832

0.2351

309.9186,
321.8227, 330.4678

■ 0.0000, 0.0000,
0.0000

■ 47.4363, 48.6979,
47.4569

■ 47.4363, 48.6979,
47.4569

■ 43.2546, 43.1945,
37.2449

■ 52.1158, 54.7486,
59.2145

■ 39.5493, 38.2165,
28.5106

■ 57.3055, 61.3552,
72.5757

■ 36.3032, 33.7494,
21.1853

■ 63.0225, 68.5342,
87.5993

■ 33.4966, 29.7762,
15.1939

■ 69.2818, 76.2992,
104.3400

■ 31.1080, 26.2782,
10.4540

■ 73.0619, 83.4494,
106.8643

■ 29.1140, 23.2359,
6.8740

■ 76.5752, 90.4759,
108.0354

■ 27.4884, 20.6278,
4.3497

■ 26.2010, 18.4303,
2.7574

■ 25.2611, 16.7277,
1.8974

Harmonies

Analogous

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



48.3109, 48.6979, 49.7280



47.4363, 48.6979, 47.4569



46.2660, 48.6979, 46.6624

Triad

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



47.4363, 48.6979, 47.4569



44.0079, 48.6979, 53.0807



47.4713, 48.6979, 58.9486

Complementary

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



47.4363, 48.6979, 47.4569



45.6260, 49.0650, 59.2908

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.



46.3058, 48.6979, 59.9385



47.4363, 48.6979, 47.4569



44.3183, 48.6979, 56.4619

Square

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



47.4363, 48.6979, 47.4569



44.2990, 48.6979, 49.8226



45.1542, 48.6979, 59.0097



48.3314, 48.6979, 56.3591

Rectangle

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



47.4363, 48.6979, 47.4569



45.4796, 48.6979, 47.0487



45.1542, 48.6979, 59.0097



47.1016, 48.6979, 59.4843

Sweetspot

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



47.4376, 48.7000, 47.4579



92.3508, 96.5335, 102.0445



47.2050, 46.0402, 54.1459



19.6156, 20.4672, 21.4593



0.0000, 0.0000, 0.0000



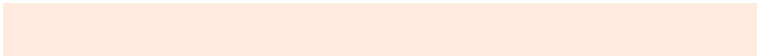
20.3446, 21.4041, 23.3091

Same Dimension

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



47.4376, 48.7000, 47.4579



83.9656, 85.6478, 81.1081



49.6176, 53.0599, 48.1846



10.3808, 10.6931, 10.5787



16.3085, 10.9027, 1.2449



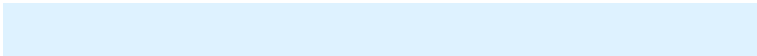
0.7713, 0.6044, 0.0760

Inverse Universe

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



45.6260, 49.0650, 59.2908



79.9893, 86.4480, 107.0780



43.5243, 44.8614, 58.5902



10.0357, 10.7626, 12.8333



10.9041, 11.5646, 35.2141



0.5360, 0.6293, 1.5431

Previews

White Background



This preview shows how the XYZ color 47.4363, 48.6979, 47.4569 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 47.4363, 48.6979, 47.4569 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

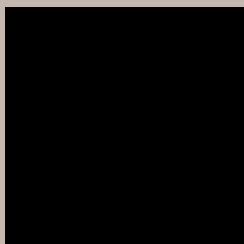
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

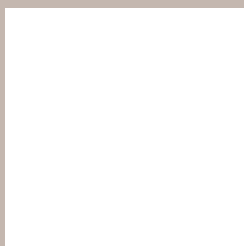
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 47.4363, 48.6979, 47.4569

Background



This preview shows how black text looks on a background with the XYZ color 47.4363, 48.6979, 47.4569.



This preview shows how white text looks on a background with the XYZ color 47.4363, 48.6979,

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

47.4363, 48.6979, 47.4569

Protanopia

46.6713, 48.9089, 48.0548

Deuteranopia

49.6887, 48.6402, 47.8439



Tritanopia

49.6121, 48.6797, 57.8202

Trichromacy



Original Color

47.4363, 48.6979, 47.4569

Protanomaly

46.9693, 48.7530, 48.0090

Deuteranomaly

48.7863, 48.4736, 47.8593

Tritanomaly

48.7822, 48.6414, 53.8313

Monochromacy



Original Color

47.4363, 48.6979, 47.4569

Achromatopsia

46.6715, 49.1021, 53.4722

Achromatomaly

47.0277, 49.0225, 51.2396

CSS Examples

Text

The CSS property to change the color of the text to XYZ 47.4363, 48.6979, 47.4569 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(196, 183, 175)` looks like.

```
.text, #text, p{  
    color:rgb(196, 183, 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(196, 183, 175) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(196, 183, 175) }
```

Border

The CSS property to change the border of an element to XYZ 47.4363, 48.6979, 47.4569 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(196, 183, 175) }
```


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

```
.border{ border-color:rgb(196, 183, 175) }
```

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

Here you see how a box with a 4 pixel `rgb(196, 183, 175)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(196, 183, 175); -webkit-box-  
shadow:4px 4px 4px 4px rgb(196, 183, 175);  
box-shadow:4px 4px 4px 4px rgb(196, 183,  
175) }
```

Background

The CSS property to change the background color of an element to XYZ 47.4363, 48.6979, 47.4569 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(196, 183, 175) }
```

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

```
.background{ background-color: rgb(196,  
183, 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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