

Converting Colors

XYZ(47.3586, 48.2285, 47.8878)

Have a look what the booklet for
XYZ(47.3586, 48.2285, 47.8878)
contains.

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Color

**XYZ(47.3294, 48.3262,
47.9077)**

Conversions

Conversions Part 1

Format	Color
Hex	C4B6B0
RGB	196, 182, 176
RGB Percent	77%, 71%, 69%
CMY	0.2314, 0.2863, 0.3098
CMYK	0.00, 0.07, 0.10, 0.23
HSL	18°, 14%, 73%
HSV	18°, 10%, 77%
XYZ	47.3294, 48.3262, 47.9077
YIQ	185.5020, 10.2700, 1.1020

Conversions

Conversions Part 2

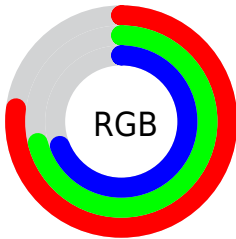
Format	Color
RYB	196, 185, 176
Decimal	12891824
CIELab	75.03, 3.94, 4.83
CIELCh	75, 6.233, 50.820
Yxy	48.3262, 0.3297, 0.3366
Android (android.graphics.Color)	4291081904 (0xFFC4B6B0)
YUV	185.5020, -4.6845, 9.2067
Hunter-Lab	69.5170, -0.1264, 7.8022

Details

The XYZ color **47.3294, 48.3262, 47.9077** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **46.2818, 50.0419, 59.4450**, and the grayscale version is **46.4161, 48.8334, 53.1796**.

A 20% lighter version of the original color is **85.6480, 87.8579, 88.7881**, and **22.6437, 22.9065, 22.2967** is the 20% darker color. If you saturate the color by 10%, you get **42.8558, 42.2614, 37.5295**, and if you desaturate by 10%, it is **52.3609, 55.0576, 59.8545**.

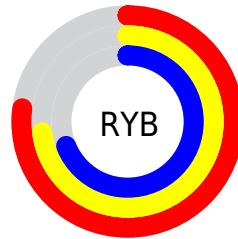
Distribution



Red (77%)

Green (71%)

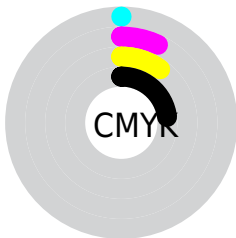
Blue (69%)



Red (77%)

Yellow (73%)

Blue (69%)

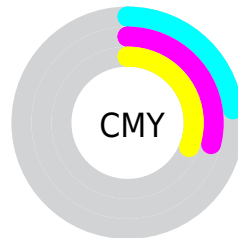


Cyan (0%)

Magenta (7%)

Yellow (10%)

Black (23%)



Cyan (23%)


Magenta (29%)


Yellow (31%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 47.3294, 48.3262, 47.9077 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 47.3294, 48.3262, 47.9077 by changing the saturation by 10% instead.


 47.3294, 48.3262,
47.9077

 47.3294, 48.3262,
47.9077


366.7548,
380.0837, 394.9243

 33.5052, 34.0853,
33.3943


 85.4209, 87.6899,
88.4311

 22.6748, 22.9591,
22.1551

110.4188,
113.5814, 115.2782

 14.4729, 14.5633,
13.7715


139.8720,
144.1253, 147.0736

 8.5342, 8.5135,
7.8250

174.1459,
179.7060, 184.2358

 4.4933, 4.4252,
3.8970

213.6057,
220.7077, 227.1835

 1.9848, 1.9142,
1.5690

258.6169,

 0.6254, 0.5569,

267.5150, 276.3351

0.2686

309.5449,
320.5122, 332.1092

■ 0.0000, 0.0000,
0.0000

■ 47.3294, 48.3262,
47.9077

■ 47.3294, 48.3262,
47.9077

■ 42.8558, 42.2614,
37.5295

■ 52.3609, 55.0576,
59.8545

■ 38.9164, 36.8364,
28.6512

■ 57.9651, 62.4689,
73.4285

■ 35.4913, 32.0317,
21.2038

■ 64.1612, 70.5810,
88.6890

■ 32.5581, 27.8244,
15.1114

■ 70.9663, 79.4118,
105.6914

■ 30.0925, 24.1902,
10.2910

■ 75.1842, 87.6938,
107.5717

■ 28.0680, 21.1030,
6.6506

■ 76.5752, 90.4759,
108.0354

■ 26.4548, 18.5345,
4.0854

■ 25.2193, 16.4533,
2.4717

■ 24.3206, 14.8466,
1.5838

Harmonies

Analogous

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



48.0091, 48.3262, 50.4222



47.3294, 48.3262, 47.9077



46.2827, 48.3262, 46.6699

Triad

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



47.3294, 48.3262, 47.9077



43.8054, 48.3262, 51.6252



46.7150, 48.3262, 58.6987

Complementary

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



47.3294, 48.3262, 47.9077



46.2818, 50.0419, 59.4450

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.



45.5843, 48.3262, 59.0534



47.3294, 48.3262, 47.9077



43.9169, 48.3262, 54.8787

Square

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



47.3294, 48.3262, 47.9077



44.2567, 48.3262, 48.7571



44.5636, 48.3262, 57.6295



47.6503, 48.3262, 56.6797

Rectangle

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



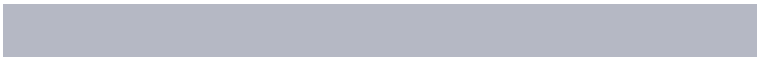
47.3294, 48.3262, 47.9077



45.5229, 48.3262, 46.6987



44.5636, 48.3262, 57.6295



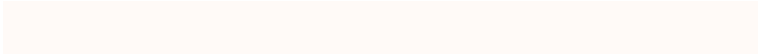
46.3447, 48.3262, 59.0197

Sweetspot

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



47.3307, 48.3283, 47.9087



92.1584, 96.1486, 101.9804



47.5852, 46.5049, 55.1842



19.5637, 20.3636, 21.4420



0.0000, 0.0000, 0.0000



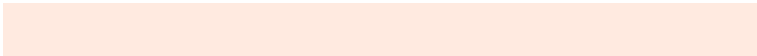
20.3446, 21.4041, 23.3091

Same Dimension

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



47.3307, 48.3283, 47.9087



84.0537, 85.2731, 82.8350



49.4517, 52.5703, 48.6157



10.3142, 10.5598, 10.5565



15.6935, 9.6728, 1.0399



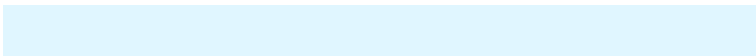
0.7400, 0.5418, 0.0656

Inverse Universe

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



46.2818, 50.0419, 59.4450



81.8141, 88.9303, 107.4609



44.1903, 45.8589, 58.7478



10.1051, 10.9014, 12.8564



12.2438, 14.2441, 35.6607



0.5870, 0.7314, 1.5601

Previews

White Background



This preview shows how the XYZ color 47.3294, 48.3262, 47.9077 looks on a white background.

Color Contrast Check

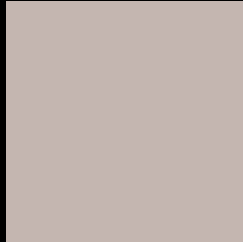
Large Text (above 18pt) WCAG AA × Fail

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 47.3294, 48.3262, 47.9077 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

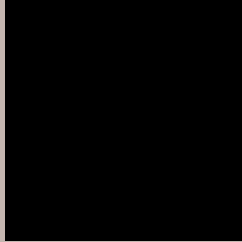
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 47.3294, 48.3262, 47.9077

Background



This preview shows how black text looks on a background with the XYZ color 47.3294, 48.3262, 47.9077.



This preview shows how white text looks on a background with the XYZ color 47.3294, 48.3262,

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

47.3294, 48.3262, 47.9077

Protanopia

46.3115, 48.4025, 48.4967

Deuteranopia

49.5095, 48.5363, 48.3540



Tritanopia

49.0344, 48.0962, 57.1512

Trichromacy



Original Color

47.3294, 48.3262, 47.9077

Protanomaly

46.6075, 48.2478, 48.4512

Deuteranomaly

48.6142, 48.3734, 48.3697

Tritanomaly

48.3169, 48.1007, 53.7515

Monochromacy



Original Color

47.3294, 48.3262, 47.9077

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 47.3294, 48.3262, 47.9077 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, 182, 176)` looks like.

```
.text, #text, p{  
    color:rgb(196, 182, 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(196, 182, 176) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(196, 182, 176) }
```

Border

The CSS property to change the border of an element to XYZ 47.3294, 48.3262, 47.9077 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, 182, 176) }
```


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

```
.border{ border-color:rgb(196, 182, 176) }
```

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

Here you see how a box with a 4 pixel `rgb(196, 182, 176)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(196, 182, 176); -webkit-box-  
shadow:4px 4px 4px 4px rgb(196, 182, 176);  
box-shadow:4px 4px 4px 4px rgb(196, 182,  
176) }
```

Background

The CSS property to change the background color of an element to XYZ 47.3294, 48.3262, 47.9077 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(196, 182, 176) }
```

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

```
.background{ background-color: rgb(196,  
182, 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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