

Converting Colors

XYZ(49.8096, 47.6972, 46.6570)

Have a look what the booklet for
XYZ(49.8096, 47.6972, 46.6570)
contains.

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Color

**XYZ(50.0293, 47.9555,
46.6639)**

Conversions

Conversions Part 1

Format	Color
Hex	D3B0AE
RGB	211, 176, 174
RGB Percent	83%, 69%, 68%
CMY	0.1725, 0.3098, 0.3176
CMYK	0.00, 0.17, 0.18, 0.17
HSL	3°, 30%, 75%
HSV	3°, 18%, 83%
XYZ	50.0293, 47.9555, 46.6639
YIQ	186.2370, 21.5020, 6.7980

Conversions

Conversions Part 2

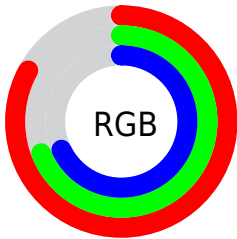
Format	Color
R _Y B	211, 176, 174
Decimal	13873326
CIE Lab	74.80, 12.34, 5.76
CIE LCh	75, 13.617, 25.010
Yxy	47.9555, 0.3459, 0.3315
Android (android.graphics.Color)	4292063406 (0xFFD3B0AE)
YUV	186.2370, -6.0328, 21.7172
Hunter-Lab	69.2499, 7.7692, 8.5225

Details

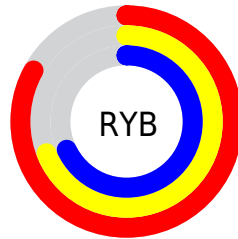
The XYZ color **50.0293, 47.9555, 46.6639** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **52.0136, 59.3015, 70.3335**, and the grayscale version is **46.8303, 49.2692, 53.6541**.

A 20% lighter version of the original color is **84.2395, 84.6304, 86.0241**, and **24.3061, 22.6390, 21.5010** is the 20% darker color. If you saturate the color by 10%, you get **44.5023, 39.9385, 35.4576**, and if you desaturate by 10%, it is **56.4574, 57.2566, 59.7659**.

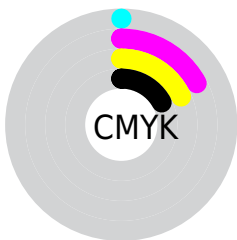
Distribution



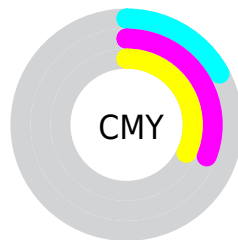
- Red (83%)
- Green (69%)
- Blue (68%)



- Red (83%)
- Yellow (69%)
- Blue (68%)



- Cyan (0%)
- Magenta (17%)
- Yellow (18%)
- Black (17%)





- Cyan (17%)
- Magenta (31%)
- Yellow (32%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 50.0293, 47.9555, 46.6639 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 50.0293, 47.9555, 46.6639 by changing the saturation by 10% instead.


 50.0293, 47.9555,
46.6639

 50.0293, 47.9555,
46.6639


377.2306,
378.6157, 389.8262

 35.6546, 33.7916,
32.4176

 89.4098, 87.1381,
86.5564

 24.3364, 22.7336,
21.4132

115.1464,
112.9257, 113.0397

 15.7094, 14.3969,
13.2322


145.4009,
143.3567, 144.4391

 9.4083, 8.3972,
7.4560

180.5387,
178.8154, 181.1731

 5.0677, 4.3502,
3.6662

220.9253,
219.6862, 223.6603

 2.3222, 1.8713,
1.4440

266.9259,

 0.8060, 0.5310,

266.3537, 272.3192

0.1757

318.9059,
319.2020, 327.5683

■ 0.0000, 0.0000,
0.0000

■ 50.0293, 47.9555,
46.6639

■ 50.0293, 47.9555,
46.6639

■ 44.5023, 39.9385,
35.4576

■ 56.4574, 57.2566,
59.7659

■ 39.8323, 33.1432,
26.0564

■ 63.8203, 67.8879,
74.8424

■ 35.9777, 27.5115,
18.3668

■ 72.1545, 79.9013,
91.9715

■ 32.8916, 22.9782,
12.2857

■ 80.6742, 92.5890,
108.2272

■ 30.5224, 19.4715,
7.6990

■ 28.8123, 16.9112,
4.4775

■ 27.6941, 15.2051,
2.4702

■ 27.0831, 14.2413,
1.4707

■ 26.9888, 14.0983,
1.2988

Harmonies

Analogous

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



50.4862, 47.9555, 53.4096



50.0293, 47.9555, 46.6639



48.3633, 47.9555, 41.8289

Triad

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



50.0293, 47.9555, 46.6639



41.7925, 47.9555, 44.7851



45.1677, 47.9555, 66.9999

Complementary

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



50.0293, 47.9555, 46.6639



52.0136, 59.3015, 70.3335

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.



42.9061, 47.9555, 64.1929



50.0293, 47.9555, 46.6639



41.0029, 47.9555, 51.0392

Square

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



50.0293, 47.9555, 46.6639



43.5982, 47.9555, 40.8150



41.4031, 47.9555, 58.1906



47.6215, 47.9555, 65.5626

Rectangle

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



50.0293, 47.9555, 46.6639



46.8220, 47.9555, 40.1281



41.4031, 47.9555, 58.1906



44.3607, 47.9555, 66.5146

Sweetspot

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



50.0306, 47.9577, 46.6649



89.3374, 91.7514, 97.2026



53.5278, 48.7325, 67.0047



18.9564, 19.3995, 20.4670



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.



50.0306, 47.9577, 46.6649



73.5118, 68.8506, 64.9513



53.8743, 55.6451, 47.9461



11.8594, 11.9094, 12.2857



16.3113, 8.5557, 0.7917



0.9305, 0.5153, 0.0504

Inverse Universe

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



52.0136, 59.3015, 70.3335



77.1004, 89.3836, 107.7969



47.7686, 50.8116, 68.9185



12.1013, 13.2928, 15.1716



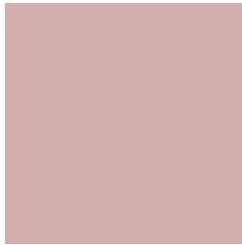
19.5260, 27.6986, 41.5097



1.1089, 1.5830, 2.3267

Previews

White Background



This preview shows how the XYZ color 50.0293, 47.9555, 46.6639 looks on a white background.

Color Contrast Check

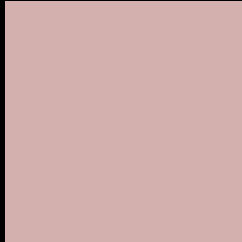
Large Text (above 18pt) WCAG AA × Fail

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 50.0293, 47.9555, 46.6639 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 50.0293, 47.9555, 46.6639

Background



This preview shows how black text looks on a background with the XYZ color 50.0293, 47.9555, 46.6639.



This preview shows how white text looks on a background with the XYZ color 50.0293, 47.9555,

46.6639.

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

50.0293, 47.9555, 46.6639

Protanopia

45.9556, 47.9001, 48.9430

Deuteranopia

49.0140, 48.0186, 46.7296



Tritanopia

51.5463, 48.0061, 53.5630

Trichromacy



Original Color

50.0293, 47.9555, 46.6639

Protanomaly

47.2830, 47.6872, 48.3074

Deuteranomaly

49.3745, 47.9102, 46.6897

Tritanomaly

50.9248, 48.0344, 50.8435

Monochromacy



Original Color

50.0293, 47.9555, 46.6639

Achromatopsia

46.6715, 49.1021, 53.4722

Achromatomaly

47.6771, 48.4354, 51.0921

CSS Examples

Text

The CSS property to change the color of the text to XYZ 50.0293, 47.9555, 46.6639 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(211, 176, 174)` looks like.

```
.text, #text, p{  
    color:rgb(211, 176, 174)  
}
```

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(211, 176, 174) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(211, 176, 174) }
```

Border

The CSS property to change the border of an element to XYZ 50.0293, 47.9555, 46.6639 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(211, 176, 174) }
```


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

```
.border{ border-color:rgb(211, 176, 174) }
```

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

Here you see how a box with a 4 pixel `rgb(211, 176, 174)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(211, 176, 174); -webkit-box-  
shadow:4px 4px 4px 4px rgb(211, 176, 174);  
box-shadow:4px 4px 4px 4px rgb(211, 176,  
174) }
```

Background

The CSS property to change the background color of an element to XYZ 50.0293, 47.9555, 46.6639 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(211, 176, 174) }
```

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

```
.background{ background-color: rgb(211,  
176, 174) }
```

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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