

Converting Colors

XYZ(48.6096, 46.2852, 36.9438)

Have a look what the booklet for
XYZ(48.6096, 46.2852, 36.9438)
contains.

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Color

**XYZ(48.6096, 46.2852,
36.9438)**

Conversions

Conversions Part 1

Format	Color
Hex	D7AC9A
RGB	215, 172, 154
RGB Percent	84%, 67%, 60%
CMY	0.1569, 0.3255, 0.3961
CMYK	0.00, 0.20, 0.28, 0.16
HSL	18°, 43%, 72%
HSV	18°, 28%, 84%
XYZ	48.6096, 46.2852, 36.9438
YIQ	182.8050, 31.4060, 3.5180

Conversions

Conversions Part 2

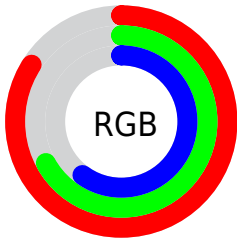
Format	Color
R _Y B	215, 180, 154
Decimal	14134426
CIE Lab	73.73, 13.08, 15.21
CIE LCh	74, 20.064, 49.305
Yxy	46.2852, 0.3687, 0.3511
Android (android.graphics.Color)	4292324506 (0xFFD7AC9A)
YUV	182.8050, -14.2009, 28.2350
Hunter-Lab	68.0332, 8.4797, 15.4273

Details

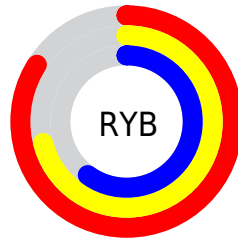
The XYZ color **48.6096, 46.2852, 36.9438** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **45.5579, 51.7073, 71.8696**, and the grayscale version is **44.9672, 47.3090, 51.5195**.

A 20% lighter version of the original color is **80.0943, 80.7522, 71.0398**, and **23.4627, 21.7831, 15.7999** is the 20% darker color. If you saturate the color by 10%, you get **44.2555, 40.1904, 27.4351**, and if you desaturate by 10%, it is **53.6159, 53.1704, 48.2532**.

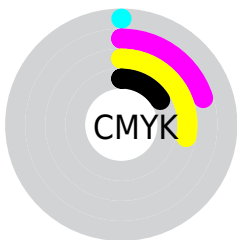
Distribution



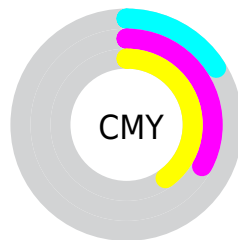
- Red (84%)
- Green (67%)
- Blue (60%)



- Red (84%)
- Yellow (71%)
- Blue (60%)



- Cyan (0%)
- Magenta (20%)
- Yellow (28%)
- Black (16%)





- Cyan (16%)
- Magenta (33%)
- Yellow (40%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 48.6096, 46.2852, 36.9438 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 48.6096, 46.2852, 36.9438 by changing the saturation by 10% instead.


 48.6096, 46.2852,
36.9438


 48.6096, 46.2852,
36.9438


371.7459,
371.9541, 348.2285

 34.5231, 32.4709,
24.8685


 87.3156, 84.6457,
71.6717

 23.4606, 21.7215,
15.7610


 112.6658,
109.9607, 95.1614

 15.0565, 13.6524,
9.2027


142.5013,
139.8780, 123.2930

 8.9456, 7.8793,
4.7750

177.1875,
174.7821, 156.4851

 4.7626, 4.0178,
2.0594

217.0897,
215.0574, 195.1561

 2.1420, 1.6835,
0.5915

262.5732,

 0.7119, 0.4130,

261.0882, 239.7247

0.0000

314.0035,
313.2590, 290.6093

■ 0.0000, 0.0000,
0.0000

■ 48.6096, 46.2852,
36.9438

■ 48.6096, 46.2852,
36.9438

■ 44.2555, 40.1904,
27.4351

■ 53.6159, 53.1704,
48.2532

■ 40.5217, 34.8508,
19.6305

■ 59.2969, 60.8669,
61.4474

■ 37.3792, 30.2377,
13.4283

■ 65.6788, 69.4028,
76.6087

■ 34.7948, 26.3183,
8.7151

■ 72.7850, 78.8027,
93.8135

■ 32.7318, 23.0569,
5.3621

■ 79.5732, 88.6647,
107.5278

■ 31.1483, 20.4140,
3.2184

■ 81.8344, 93.1871,
108.2815

■ 29.9875, 18.3425,
2.0605

■ 29.8274, 18.0530,
1.9125

Harmonies

Analogous

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



50.7759, 46.2852, 44.1882



48.6096, 46.2852, 36.9438



45.2755, 46.2852, 33.4802

Triad

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



48.6096, 46.2852, 36.9438



37.6021, 46.2852, 46.8448



46.2953, 46.2852, 71.2599

Complementary

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



48.6096, 46.2852, 36.9438



45.5579, 51.7073, 71.8696

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.



42.7343, 46.2852, 72.2242



48.6096, 46.2852, 36.9438



37.8422, 46.2852, 57.1612

Square

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



48.6096, 46.2852, 36.9438



39.0031, 46.2852, 38.6623



39.6778, 46.2852, 66.7734



49.3906, 46.2852, 64.2935

Rectangle

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



48.6096, 46.2852, 36.9438



42.8949, 46.2852, 33.4174



39.6778, 46.2852, 66.7734



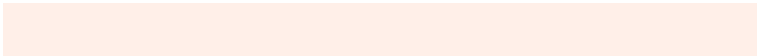
45.1091, 46.2852, 72.3292

Sweetspot

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



48.6108, 46.2873, 36.9447



86.6275, 88.7189, 88.9399



49.7407, 41.6230, 58.6677



18.2676, 18.6198, 18.3945



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.



48.6108, 46.2873, 36.9447



67.6031, 62.6328, 45.7188



54.9271, 58.9200, 39.0502



12.7190, 13.0122, 13.0019



17.9209, 10.9590, 1.1708



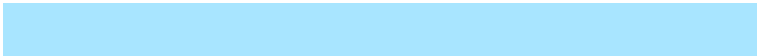
1.1523, 0.8038, 0.0944

Inverse Universe

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



45.5579, 51.7073, 71.8696



62.3954, 71.8438, 105.1864



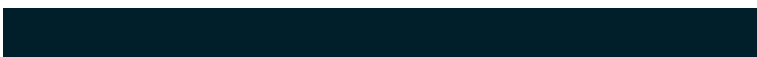
39.4511, 39.4938, 69.8340



12.4683, 13.4600, 15.8784



14.1039, 16.4696, 40.8887



0.9209, 1.1339, 2.4896

Previews

White Background



This preview shows how the XYZ color 48.6096, 46.2852, 36.9438 looks on a white background.

Color Contrast Check

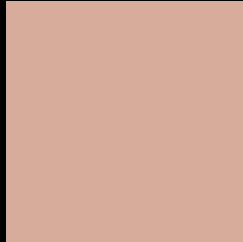
Large Text (above 18pt) WCAG AA × Fail

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 48.6096, 46.2852, 36.9438 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

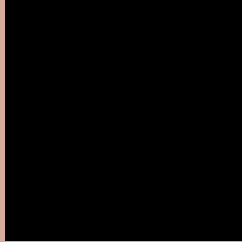
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 48.6096, 46.2852, 36.9438

Background



This preview shows how black text looks on a background with the XYZ color 48.6096, 46.2852, 36.9438.



This preview shows how white text looks on a background with the XYZ color 48.6096, 46.2852,

36.9438.

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

48.6096, 46.2852, 36.9438

Protanopia

43.9306, 46.4635, 39.0007

Deuteranopia

47.4572, 46.5483, 37.0553



Tritanopia

51.2566, 46.2469, 49.9411

Trichromacy



Original Color

48.6096, 46.2852, 36.9438

Protanomaly

45.5594, 46.4172, 38.4565

Deuteranomaly

47.8328, 46.4541, 37.0173

Tritanomaly

50.1539, 46.0679, 44.7767

Monochromacy



Original Color

48.6096, 46.2852, 36.9438

Achromatopsia

45.0092, 47.3531, 51.5676

Achromatomaly

46.0722, 46.8209, 45.6388

CSS Examples

Text

The CSS property to change the color of the text to XYZ 48.6096, 46.2852, 36.9438 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(215, 172, 154)` looks like.

```
.text, #text, p{  
    color:rgb(215, 172, 154)  
}
```

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(215, 172, 154) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(215, 172, 154) }
```

Border

The CSS property to change the border of an element to XYZ 48.6096, 46.2852, 36.9438 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(215, 172, 154) }
```


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

```
.border{ border-color:rgb(215, 172, 154) }
```

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

Here you see how a box with a 4 pixel `rgb(215, 172, 154)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(215, 172, 154); -webkit-box-  
shadow:4px 4px 4px 4px rgb(215, 172, 154);  
box-shadow:4px 4px 4px 4px rgb(215, 172,  
154) }
```

Background

The CSS property to change the background color of an element to XYZ 48.6096, 46.2852, 36.9438 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(215, 172, 154) }
```

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

```
.background{ background-color: rgb(215,  
172, 154) }
```

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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