

Converting Colors

XYZ(48.0148, 44.7546, 36.8000)

Have a look what the booklet for
XYZ(48.0148, 44.7546, 36.8000)
contains.

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Color

**XYZ(48.1543, 44.9373,
36.7076)**

Conversions

Conversions Part 1

Format	Color
Hex	D8A89A
RGB	216, 168, 154
RGB Percent	85%, 66%, 60%
CMY	0.1529, 0.3412, 0.3961
CMYK	0.00, 0.22, 0.29, 0.15
HSL	14°, 44%, 73%
HSV	14°, 29%, 85%
XYZ	48.1543, 44.9373, 36.7076
YIQ	180.7560, 33.1020, 5.8220

Conversions

Conversions Part 2

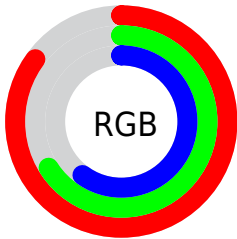
Format	Color
R _{YB}	216, 172, 154
Decimal	14198938
CIE Lab	72.85, 15.62, 13.99
CIE LCh	73, 20.973, 41.854
Yxy	44.9373, 0.3710, 0.3462
Android (android.graphics.Color)	4292389018 (0xFFD8A89A)
YUV	180.7560, -13.1907, 30.9090
Hunter-Lab	67.0353, 10.9124, 14.4583

Details

The XYZ color **48.1543, 44.9373, 36.7076** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **46.8410, 54.0673, 72.9333**, and the grayscale version is **43.8467, 46.1301, 50.2357**.

A 20% lighter version of the original color is **79.0128, 78.5894, 70.6794**, and **23.1908, 20.9436, 15.6522** is the 20% darker color. If you saturate the color by 10%, you get **43.6238, 38.5008, 27.1062**, and if you desaturate by 10%, it is **53.4079, 52.3014, 48.1481**.

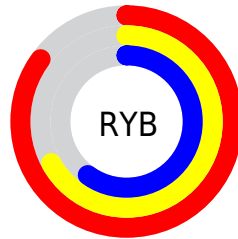
Distribution



Red (85%)

Green (66%)

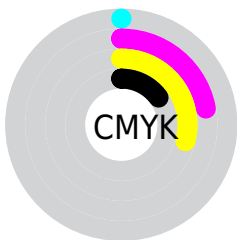
Blue (60%)



Red (85%)

Yellow (67%)

Blue (60%)

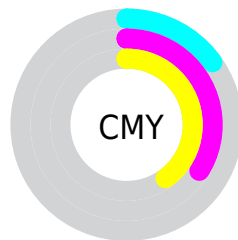


Cyan (0%)

Magenta (22%)

Yellow (29%)

Black (15%)



Cyan (15%)

Magenta (34%)


Yellow (40%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 48.1543, 44.9373, 36.7076 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 48.1543, 44.9373, 36.7076 by changing the saturation by 10% instead.


 48.1543, 44.9373,
36.7076

 48.1543, 44.9373,
36.7076


369.9758,
366.5196, 347.1733

 34.1609, 31.4080,
24.6872


 86.6424, 82.6263,
71.3041

 23.1807, 20.9098,
15.6272


 111.8678,
107.5549, 94.7173

 14.8484, 13.0581,
9.1093


141.5678,
137.0520, 122.7652

 8.7987, 7.4685,
4.7147

176.1079,
171.5020, 155.8662

 4.6662, 3.7568,
2.0251

215.8534,
211.2894, 194.4390

 2.0855, 1.5385,
0.5706

261.1697,

 0.6813, 0.3156,

256.7985, 238.9021

0.0000

312.4220,
308.4138, 289.6741

■ 0.0000, 0.0000,
0.0000

■ 48.1543, 44.9373,
36.7076

■ 48.1543, 44.9373,
36.7076

■ 43.6238, 38.5008,
27.1062

■ 53.4079, 52.3014,
48.1481

■ 39.7805, 32.9486,
19.2447

■ 59.4113, 60.6217,
61.5142

■ 36.5905, 28.2434,
13.0185

■ 66.1942, 69.9334,
76.8905

■ 34.0157, 24.3424,
8.3110

■ 73.7837, 80.2677,
94.3555

■ 32.0136, 21.1992,
4.9894

■ 81.0573, 91.1957,
107.9381

■ 30.5358, 18.7621,
2.8982

■ 82.1290, 93.3390,
108.2953

■ 29.5163, 16.9691,
1.8001

■ 29.4085, 16.7780,
1.6885

Harmonies

Analogous

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



49.9536, 44.9373, 44.9158



48.1543, 44.9373, 36.7076



44.9344, 44.9373, 32.2089

Triad

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



48.1543, 44.9373, 36.7076



36.3844, 44.9373, 42.9334



44.1693, 44.9373, 71.3499

Complementary

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



48.1543, 44.9373, 36.7076



46.8410, 54.0673, 72.9333

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.



40.5632, 44.9373, 70.6183



48.1543, 44.9373, 36.7076



36.2056, 44.9373, 53.1745

Square

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



48.1543, 44.9373, 36.7076



38.1985, 44.9373, 35.4349



37.6952, 44.9373, 63.6004



47.5668, 44.9373, 65.4761

Rectangle

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



48.1543, 44.9373, 36.7076



42.4849, 44.9373, 31.4663



37.6952, 44.9373, 63.6004



42.9390, 44.9373, 71.8889

Sweetspot

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



48.1555, 44.9394, 36.7085



86.1645, 87.7929, 88.7855



50.6028, 42.0018, 61.6700



18.1543, 18.3930, 18.3567



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.



48.1555, 44.9394, 36.7085



66.2942, 60.0150, 45.2825



54.4453, 57.5190, 38.8051



12.6485, 12.8713, 12.9785



17.4741, 10.0654, 1.0218



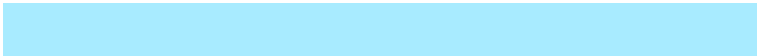
1.1173, 0.7338, 0.0827

Inverse Universe

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



46.8410, 54.0673, 72.9333



64.0901, 75.2332, 105.7513



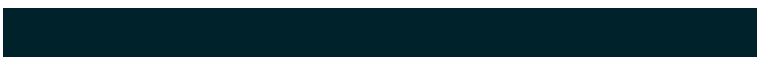
40.3918, 41.1688, 70.7835



12.5432, 13.6099, 15.9034



15.6228, 19.5074, 41.3951



1.0020, 1.2960, 2.5166

Previews

White Background



This preview shows how the XYZ color 48.1543, 44.9373, 36.7076 looks on a white background.

Color Contrast Check

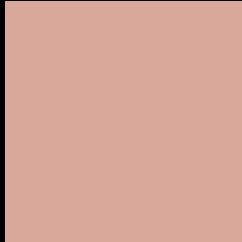
Large Text (above 18pt) WCAG AA × Fail

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 48.1543, 44.9373, 36.7076 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 48.1543, 44.9373, 36.7076

Background



This preview shows how black text looks on a background with the XYZ color 48.1543, 44.9373, 36.7076.



This preview shows how white text looks on a background with the XYZ color 48.1543, 44.9373,

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

48.1543, 44.9373, 36.7076

Protanopia

42.8716, 45.3082, 39.2867

Deuteranopia

45.9559, 44.9268, 36.3866



Tritanopia

50.6044, 45.1447, 47.6416

Trichromacy



Original Color

48.1543, 44.9373, 36.7076

Protanomaly

44.7045, 45.1000, 38.2473

Deuteranomaly

46.8910, 45.1274, 36.3760

Tritanomaly

49.7111, 45.0424, 43.6101

Monochromacy



Original Color

48.1543, 44.9373, 36.7076

Achromatopsia

43.9204, 46.2077, 50.3202

Achromatomaly

45.1242, 45.4603, 44.9245

CSS Examples

Text

The CSS property to change the color of the text to XYZ 48.1543, 44.9373, 36.7076 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(216, 168, 154)` looks like.

```
.text, #text, p{  
    color:rgb(216, 168, 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(216, 168, 154) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(216, 168, 154) }
```

Border

The CSS property to change the border of an element to XYZ 48.1543, 44.9373, 36.7076 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(216, 168, 154) }
```


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

```
.border{ border-color:rgb(216, 168, 154) }
```

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

Here you see how a box with a 4 pixel `rgb(216, 168, 154)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(216, 168, 154); -webkit-box-  
shadow:4px 4px 4px 4px rgb(216, 168, 154);  
box-shadow:4px 4px 4px 4px rgb(216, 168,  
154) }
```

Background

The CSS property to change the background color of an element to XYZ 48.1543, 44.9373, 36.7076 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(216, 168, 154) }
```

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

```
.background{ background-color: rgb(216,  
168, 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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