

Converting Colors

XYZ(47.9756, 44.4269, 31.9552)

Have a look what the booklet for
XYZ(47.9756, 44.4269, 31.9552)
contains.

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Color

**XYZ(48.1093, 44.4713,
32.0348)**

Conversions

Conversions Part 1

Format	Color
Hex	DCA68F
RGB	220, 166, 143
RGB Percent	86%, 65%, 56%
CMY	0.1373, 0.3490, 0.4392
CMYK	0.00, 0.25, 0.35, 0.14
HSL	18°, 52%, 71%
HSV	18°, 35%, 86%
XYZ	48.1093, 44.4713, 32.0348
YIQ	179.5240, 39.5670, 4.2950

Conversions

Conversions Part 2

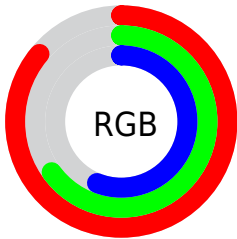
Format	Color
R _Y B	220, 176, 143
Decimal	14460559
CIE Lab	72.54, 16.83, 19.64
CIE LCh	73, 25.861, 49.412
Yxy	44.4713, 0.3861, 0.3569
Android (android.graphics.Color)	4292650639 (0xFFDCA68F)
YUV	179.5240, -18.0063, 35.4975
Hunter-Lab	66.6868, 12.0718, 18.1992

Details

The XYZ color **48.1093, 44.4713, 32.0348** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **44.2113, 50.9374, 75.2117**, and the grayscale version is **43.2069, 45.4570, 49.5027**.

A 20% lighter version of the original color is **77.1745, 77.0041, 63.6191**, and **23.0974, 20.6115, 13.1170** is the 20% darker color. If you saturate the color by 10%, you get **43.9653, 38.5940, 23.2218**, and if you desaturate by 10%, it is **52.9188, 51.1564, 42.6830**.

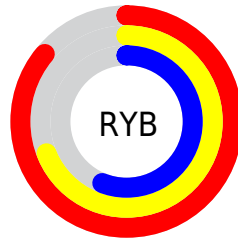
Distribution



Red (86%)

Green (65%)

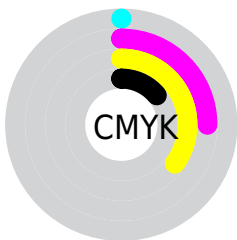
Blue (56%)



Red (86%)

Yellow (69%)

Blue (56%)

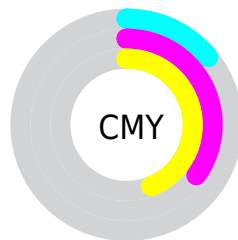


Cyan (0%)

Magenta (25%)

Yellow (35%)

Black (14%)



Cyan (14%)


Magenta (35%)


Yellow (44%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 48.1093, 44.4713, 32.0348 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 48.1093, 44.4713, 32.0348 by changing the saturation by 10% instead.


 48.1093, 44.4713,
32.0348


 48.1093, 44.4713,
32.0348


369.8006,
364.6281, 325.7754

 34.1251, 31.0412,
21.1230


 86.5758, 81.9265,
63.9642

 23.1530, 20.6302,
13.0219

 111.7888,
106.7203, 85.8189

 14.8279, 12.8540,
7.3127


141.4755,
136.0709, 112.1583

 8.7842, 7.3281,
3.5770

176.0011,
170.3625, 143.4010

 4.6567, 3.6681,
1.3963

215.7311,
209.9797, 179.9655

 2.0799, 1.4897,
0.1388

261.0307,

 0.6783, 0.2815,

255.3067, 222.2704

0.0000

312.2655,
306.7281, 270.7342

■ 0.0000, 0.0000,
0.0000

■ 48.1093, 44.4713,
32.0348

■ 48.1093, 44.4713,
32.0348

■ 43.9653, 38.5940,
23.2218

■ 52.9188, 51.1564,
42.6830

■ 40.4525, 33.4868,
16.1363

■ 58.4194, 58.6725,
55.2604

■ 37.5381, 29.1182,
10.6634

■ 64.6393, 67.0499,
69.8575

■ 35.1851, 25.4521,
6.6729

■ 71.6040, 76.3150,
86.5586

■ 33.3513, 22.4486,
4.0142

■ 79.3379, 86.4935,
105.4429

■ 31.9873, 20.0633,
2.5033

■ 83.3251, 93.9556,
108.3513

■ 31.4475, 19.0804,
2.0254

Harmonies

Analogous

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



50.9018, 44.4713, 40.6948



48.1093, 44.4713, 32.0348



43.8673, 44.4713, 28.0365

Triad

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



48.1093, 44.4713, 32.0348



34.3724, 44.4713, 44.0391



45.1892, 44.4713, 75.5374

Complementary

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



48.1093, 44.4713, 32.0348



44.2113, 50.9374, 75.2117

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.



40.7093, 44.4713, 76.8631



48.1093, 44.4713, 32.0348



34.6713, 44.4713, 57.0696

Square

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



48.1093, 44.4713, 32.0348



36.0734, 44.4713, 34.1106



36.9209, 44.4713, 69.6169



49.1355, 44.4713, 66.2622

Rectangle

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



48.1093, 44.4713, 32.0348



40.8790, 44.4713, 27.9756



36.9209, 44.4713, 69.6169



43.6894, 44.4713, 76.9826

Sweetspot

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



48.1104, 44.4734, 32.0357



85.7713, 87.5822, 86.8797



49.5520, 38.9466, 58.4429



18.0975, 18.3941, 17.9843



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.



48.1104, 44.4734, 32.0357



62.8780, 55.9962, 35.4698



55.9040, 60.0605, 34.6335



13.3716, 13.6825, 13.6618



18.5415, 11.3686, 1.2171



1.2754, 0.8849, 0.1036

Inverse Universe

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



44.2113, 50.9374, 75.2117



56.6329, 66.2831, 104.4168



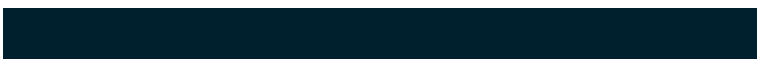
36.7623, 36.0394, 72.7287



13.0994, 14.1385, 16.6907



14.4914, 16.8522, 42.2274



1.0127, 1.2396, 2.7603

Previews

White Background



This preview shows how the XYZ color 48.1093, 44.4713, 32.0348 looks on a white background.

Color Contrast Check

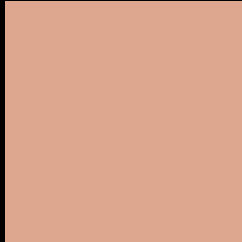
Large Text (above 18pt) WCAG AA × Fail

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 48.1093, 44.4713, 32.0348 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

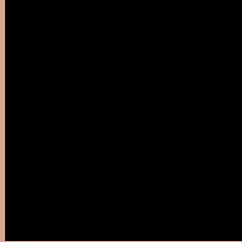
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 48.1093, 44.4713, 32.0348

Background



This preview shows how black text looks on a background with the XYZ color 48.1093, 44.4713, 32.0348.



This preview shows how white text looks on a background with the XYZ color 48.1093, 44.4713,

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

48.1093, 44.4713, 32.0348

Protanopia

42.0842, 44.7021, 34.8441

Deuteranopia

45.4578, 44.4887, 31.7825



Tritanopia

50.9917, 44.5846, 45.9625

Trichromacy



Original Color

48.1093, 44.4713, 32.0348

Protanomaly

44.2219, 44.6580, 33.8929

Deuteranomaly

46.2218, 44.3260, 31.7108

Tritanomaly

49.8323, 44.3683, 40.5878

Monochromacy



Original Color

48.1093, 44.4713, 32.0348

Achromatopsia

43.3819, 45.6411, 49.7032

Achromatomaly

44.8107, 45.0521, 42.8934

CSS Examples

Text

The CSS property to change the color of the text to XYZ 48.1093, 44.4713, 32.0348 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(220, 166, 143)` looks like.

```
.text, #text, p{  
    color:rgb(220, 166, 143)  
}
```

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(220, 166, 143) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(220, 166, 143) }
```

Border

The CSS property to change the border of an element to XYZ 48.1093, 44.4713, 32.0348 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(220, 166, 143) }
```


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

```
.border{ border-color:rgb(220, 166, 143) }
```

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

Here you see how a box with a 4 pixel `rgb(220, 166, 143)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(220, 166, 143); -webkit-box-  
shadow:4px 4px 4px 4px rgb(220, 166, 143);  
box-shadow:4px 4px 4px 4px rgb(220, 166,  
143) }
```

Background

The CSS property to change the background color of an element to XYZ 48.1093, 44.4713, 32.0348 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(220, 166, 143) }
```

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

```
.background{ background-color: rgb(220,  
166, 143) }
```

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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