

Converting Colors

XYZ(48.0363, 42.8432, 32.1233)

Have a look what the booklet for
XYZ(48.0363, 42.8432, 32.1233)
contains.

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Color

**XYZ(48.0363, 42.8432,
32.1233)**

Conversions

Conversions Part 1

Format	Color
Hex	DFA090
RGB	223, 160, 144
RGB Percent	87%, 63%, 56%
CMY	0.1255, 0.3725, 0.4353
CMYK	0.00, 0.28, 0.35, 0.13
HSL	12°, 55%, 72%
HSV	12°, 35%, 87%
XYZ	48.0363, 42.8432, 32.1233
YIQ	177.0130, 42.6840, 8.3800

Conversions

Conversions Part 2

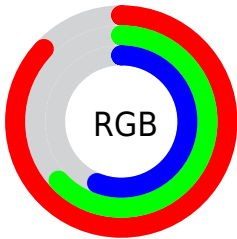
Format	Color
R _Y B	223, 164, 144
Decimal	14655632
CIE Lab	71.45, 21.34, 17.63
CIE LCh	71, 27.681, 39.563
Yxy	42.8432, 0.3905, 0.3483
Android (android.graphics.Color)	4292845712 (0xFFDFA090)
YUV	177.0130, -16.2754, 40.3306
Hunter-Lab	65.4547, 16.4529, 16.7205

Details

The XYZ color **48.0363, 42.8432, 32.1233** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **47.1329, 55.8807, 78.1141**, and the grayscale version is **41.8648, 44.0451, 47.9651**.

A 20% lighter version of the original color is **75.7335, 73.9381, 63.7060**, and **23.1088, 19.6403, 13.1627** is the 20% darker color. If you saturate the color by 10%, you get **43.6321, 36.4983, 23.0606**, and if you desaturate by 10%, it is **53.2203, 50.2087, 43.1077**.

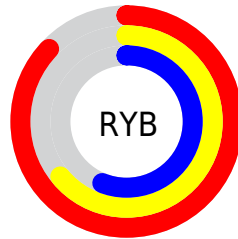
Distribution



Red (87%)

Green (63%)

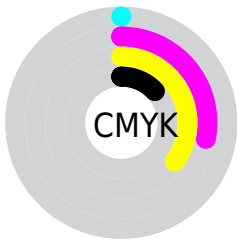
Blue (56%)



Red (87%)

Yellow (64%)

Blue (56%)

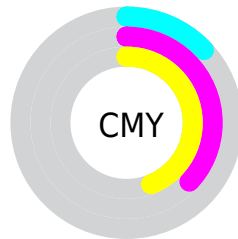


Cyan (0%)

Magenta (28%)

Yellow (35%)

Black (13%)



Cyan (13%)


Magenta (37%)


Yellow (44%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 48.0363, 42.8432, 32.1233 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 48.0363, 42.8432, 32.1233 by changing the saturation by 10% instead.


 48.0363, 42.8432,
32.1233


 48.0363, 42.8432,
32.1233


369.5162,
357.9665, 326.1906

 34.0670, 29.7621,
21.1901

 86.4678, 79.4742,
64.1045

 23.1082, 19.6581,
13.0704

 111.6607,
103.7929, 85.9896

 14.7946, 12.1468,
7.3458


141.3256,
132.6262, 112.3623

 8.7607, 6.8437,
3.5976

175.8277,
166.3586, 143.6413

 4.6413, 3.3645,
1.4073

215.5325,
205.3744, 180.2451

 2.0709, 1.3249,
0.1474

260.8053,

 0.6733, 0.1603,

250.0581, 222.5922

0.0000

312.0114,
300.7940, 271.1012

■ 0.0000, 0.0000,
0.0000

■ 48.0363, 42.8432,
32.1233

■ 48.0363, 42.8432,
32.1233

■ 43.6321, 36.4983,
23.0606

■ 53.2203, 50.2087,
43.1077

■ 39.9659, 31.1227,
15.8060

■ 59.2167, 58.6311,
56.1134

■ 36.9968, 26.6697,
10.2377

■ 66.0600, 68.1522,
71.2361

■ 34.6784, 23.0862,
6.2178

■ 73.7819, 78.8099,
88.5648

■ 32.9583, 20.3135,
3.5863

■ 82.3315, 90.6080,
107.7575

■ 31.7748, 18.2851,
2.1476

■ 84.2415, 94.4280,
108.3942

■ 31.3767, 17.5784,
1.7392

Harmonies

Analogous

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



50.2239, 42.8432, 42.5093



48.0363, 42.8432, 32.1233



43.9347, 42.8432, 26.4774

Triad

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



48.0363, 42.8432, 32.1233



32.8798, 42.8432, 38.2404



42.2299, 42.8432, 76.8487

Complementary

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



48.0363, 42.8432, 32.1233



47.1329, 55.8807, 78.1141

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.



37.6683, 42.8432, 75.1044



48.0363, 42.8432, 32.1233



32.4997, 42.8432, 51.0490

Square

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



48.0363, 42.8432, 32.1233



35.2702, 42.8432, 29.5127



34.1892, 42.8432, 65.0018



46.7067, 42.8432, 69.3921

Rectangle

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



48.0363, 42.8432, 32.1233



40.7896, 42.8432, 25.3847



34.1892, 42.8432, 65.0018



40.6528, 42.8432, 77.3468

Sweetspot

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



48.0374, 42.8452, 32.1242



84.1333, 84.8734, 84.5848



51.6919, 40.1497, 64.1852



17.7415, 17.7951, 17.5170



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.



48.0374, 42.8452, 32.1242



60.3002, 51.1597, 33.6264



55.9583, 58.6869, 34.7644



13.9310, 14.1480, 14.3034



18.5134, 10.4647, 1.0441



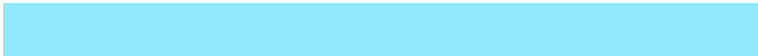
1.3468, 0.8525, 0.0936

Inverse Universe

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



47.1329, 55.8807, 78.1141



58.8672, 71.4283, 105.2921



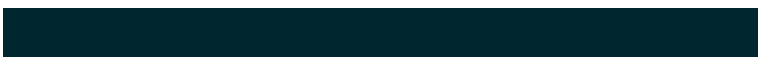
38.7686, 39.1521, 75.3260



13.8684, 15.0760, 17.5667



17.2541, 21.9778, 44.3811



1.2564, 1.6443, 3.0964

Previews

White Background



This preview shows how the XYZ color 48.0363, 42.8432, 32.1233 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 48.0363, 42.8432, 32.1233 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

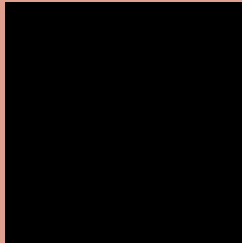
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 48.0363, 42.8432, 32.1233

Background



This preview shows how black text looks on a background with the XYZ color 48.0363, 42.8432, 32.1233.



This preview shows how white text looks on a background with the XYZ color 48.0363, 42.8432,

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

48.0363, 42.8432, 32.1233

Protanopia

40.6831, 43.0847, 35.4501

Deuteranopia

43.7870, 42.7956, 31.5437



Tritanopia

50.0077, 42.6116, 42.6350

Trichromacy



Original Color

48.0363, 42.8432, 32.1233

Protanomaly

43.0087, 42.8933, 34.0294

Deuteranomaly

45.2770, 42.7423, 31.8503

Tritanomaly

49.0554, 42.4644, 38.4118

Monochromacy



Original Color

48.0363, 42.8432, 32.1233

Achromatopsia

41.7894, 43.9657, 47.8787

Achromatomaly

43.6026, 43.3118, 41.6592

CSS Examples

Text

The CSS property to change the color of the text to XYZ 48.0363, 42.8432, 32.1233 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(223, 160, 144)` looks like.

```
.text, #text, p{  
    color:rgb(223, 160, 144)  
}
```

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(223, 160, 144) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(223, 160, 144) }
```

Border

The CSS property to change the border of an element to XYZ 48.0363, 42.8432, 32.1233 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(223, 160, 144) }
```


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

```
.border{ border-color:rgb(223, 160, 144) }
```

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

Here you see how a box with a 4 pixel rgb(223, 160, 144) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(223, 160, 144); -webkit-box-  
shadow:4px 4px 4px 4px rgb(223, 160, 144);  
box-shadow:4px 4px 4px 4px rgb(223, 160,  
144) }
```

Background

The CSS property to change the background color of an element to XYZ 48.0363, 42.8432, 32.1233 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(223, 160, 144) }
```

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

```
.background{ background-color: rgb(223,  
160, 144) }
```

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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