

Converting Colors

XYZ(48.1905, 42.9049, 32.9357)

Have a look what the booklet for
XYZ(48.1905, 42.9049, 32.9357)
contains.

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Color

**XYZ(48.1905, 42.9049,
32.9357)**

Conversions

Conversions Part 1

| Format | Color |
|---------------|---------------------------|
| Hex | DFA092 |
| RGB | 223, 160, 146 |
| RGB Percent | 87%, 63%, 57% |
| CMY | 0.1255, 0.3725, 0.4274 |
| CMYK | 0.00, 0.28, 0.35, 0.13 |
| HSL | 11°, 55%, 72% |
| HSV | 11°, 35%, 87% |
| XYZ | 48.1905, 42.9049, 32.9357 |
| YIQ | 177.2410, 42.0420, 9.0020 |

Conversions

Conversions Part 2

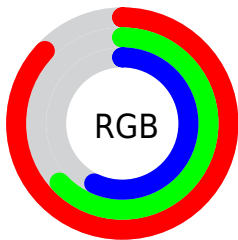
| Format | Color |
|-------------------------------------|--------------------------------|
| R _Y B | 223, 163, 146 |
| Decimal | 14655634 |
| CIE Lab | 71.49, 21.58, 16.59 |
| CIE LCh | 71, 27.224, 37.546 |
| Yxy | 42.9049, 0.3885, 0.3459 |
| Android (android.graphics.Color) | 4292845714 (0xFFDFA092) |
| YUV | 177.2410, -15.4018, 40.1306 |
| Hunter-Lab | 65.5018, 16.6964, 16.0390 |

Details

The XYZ color **48.1905, 42.9049, 32.9357** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **47.9729, 57.0375, 78.2929**, and the grayscale version is **41.9805, 44.1668, 48.0976**.

A 20% lighter version of the original color is **75.9658, 74.0310, 64.9292**, and **23.1540, 19.6583, 13.4006** is the 20% darker color. If you saturate the color by 10%, you get **43.6882, 36.4108, 23.6953**, and if you desaturate by 10%, it is **53.4976, 50.4667, 44.1145**.

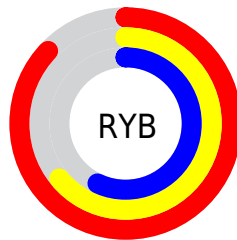
Distribution



Red (87%)

Green (63%)

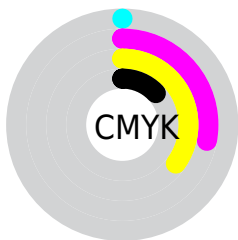
Blue (57%)



Red (87%)

Yellow (64%)

Blue (57%)

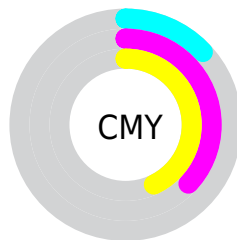


Cyan (0%)

Magenta (28%)

Yellow (35%)

Black (13%)



Cyan (13%)


Magenta (37%)


Yellow (43%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 48.1905, 42.9049, 32.9357 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 48.1905, 42.9049, 32.9357 by changing the saturation by 10% instead.


 48.1905, 42.9049,
32.9357


 48.1905, 42.9049,
32.9357


370.1168,
358.2205, 329.9830

 34.1897, 29.8105,
21.8065


 86.6960, 79.5673,
65.3900

 23.2029, 19.6948,
13.5178


 111.9313,
103.9042, 87.5521

 14.8649, 12.1734,
7.6512


141.6421,
132.7572, 114.2290

 8.8103, 6.8619,
3.7880

176.1938,
166.5110, 145.8391

 4.6738, 3.3759,
1.5098

215.9518,
205.5498, 182.8010

 2.0899, 1.3310,
0.2252

261.2814,

 0.6837, 0.1650,

250.2581, 225.5333

0.0000

312.5479,
301.0202, 274.4544

■ 0.0000, 0.0000,
0.0000

■ 48.1905, 42.9049,
32.9357

■ 48.1905, 42.9049,
32.9357

■ 43.6882, 36.4108,
23.6953

■ 53.4976, 50.4667,
44.1145

■ 39.9474, 30.9301,
16.2799

■ 59.6431, 59.1351,
57.3312

■ 36.9259, 26.4129,
10.5685

■ 66.6629, 68.9546,
72.6812

■ 34.5756, 22.8026,
6.4240

■ 74.5897, 79.9655,
90.2534

■ 32.8424, 20.0363,
3.6880

■ 83.0493, 92.0437,
107.9968

■ 31.6629, 18.0428,
2.1681

■ 84.2414, 94.4280,
108.3942

■ 31.2092, 17.2435,
1.6834

Harmonies

Analogous

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



50.1764, 42.9049, 43.4727



48.1905, 42.9049, 32.9357



44.2468, 42.9049, 27.0228

Triad

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



48.1905, 42.9049, 32.9357



33.1502, 42.9049, 37.7063



41.9506, 42.9049, 76.5436

Complementary

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



48.1905, 42.9049, 32.9357



47.9729, 57.0375, 78.2929

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.



37.4988, 42.9049, 74.2071



48.1905, 42.9049, 32.9357



32.6363, 42.9049, 50.1170

Square

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



48.1905, 42.9049, 32.9357



35.6312, 42.9049, 29.3949



34.1707, 42.9049, 63.8869



46.4020, 42.9049, 69.7765

Rectangle

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



48.1905, 42.9049, 32.9357



41.1591, 42.9049, 25.7288



34.1707, 42.9049, 63.8869



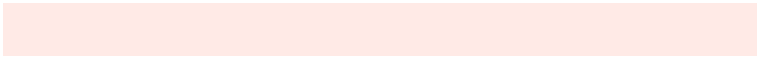
40.4028, 42.9049, 76.8161

Sweetspot

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



48.1916, 42.9069, 32.9366



84.9149, 85.8693, 86.5942



52.3641, 40.9076, 66.2179



17.8916, 17.9824, 17.9156



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.



48.1916, 42.9069, 32.9366



61.0561, 52.0260, 35.8685



55.6619, 57.8476, 35.4267



13.9079, 14.1017, 14.2957



18.4098, 10.2574, 1.0096



1.3359, 0.8307, 0.0899

Inverse Universe

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



47.9729, 57.0375, 78.2929



60.7016, 73.7288, 105.6395



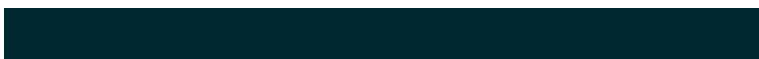
39.8629, 40.8175, 75.5895



13.8935, 15.1261, 17.5751



17.7969, 23.0635, 44.5621



1.2895, 1.7104, 3.1074

Previews

White Background



This preview shows how the XYZ color 48.1905, 42.9049, 32.9357 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 48.1905, 42.9049, 32.9357 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

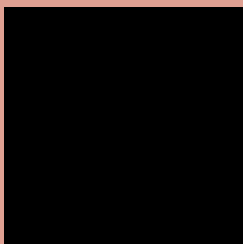
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 48.1905, 42.9049, 32.9357

Background



This preview shows how black text looks on a background with the XYZ color 48.1905, 42.9049, 32.9357.



This preview shows how white text looks on a background with the XYZ color 48.1905, 42.9049,

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

48.1905, 42.9049, 32.9357

Protanopia

40.8469, 43.1502, 36.3129

Deuteranopia

43.8506, 43.0861, 32.3908



Tritanopia

50.2697, 42.9861, 43.1838

Trichromacy



Original Color

48.1905, 42.9049, 32.9357

Protanomaly

43.1684, 42.9572, 34.8705

Deuteranomaly

45.3254, 43.0184, 32.7025

Tritanomaly

49.4004, 42.8742, 39.3901

Monochromacy



Original Color

48.1905, 42.9049, 32.9357

Achromatopsia

41.7894, 43.9657, 47.8787

Achromatomaly

43.6940, 43.3483, 42.1405

CSS Examples

Text

The CSS property to change the color of the text to XYZ 48.1905, 42.9049, 32.9357 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, 146)` looks like.

```
.text, #text, p{  
    color:rgb(223, 160, 146)  
}
```

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, 146) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(223, 160, 146) }
```

Border

The CSS property to change the border of an element to XYZ 48.1905, 42.9049, 32.9357 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, 146) }
```


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

```
.border{ border-color:rgb(223, 160, 146) }
```

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, 146)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(223, 160, 146); -webkit-box-shadow:4px 4px 4px 4px rgb(223, 160, 146); box-shadow:4px 4px 4px 4px rgb(223, 160, 146) }
```

Background

The CSS property to change the background color of an element to XYZ 48.1905, 42.9049, 32.9357 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, 146) }
```

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

```
.background{ background-color: rgb(223,  
160, 146) }
```

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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