

Converting Colors

XYZ(36.3955, 32.7852, 4.8238)

Have a look what the booklet for
XYZ(36.3955, 32.7852, 4.8238)
contains.

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Color

**XYZ(36.4681, 32.9303,
4.8496)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|-----------------------------|
| Hex | D38D0E |
| RGB | 211, 141, 14 |
| RGB Percent | 83%, 55%, 5% |
| CMY | 0.1726, 0.4470, 0.9451 |
| CMYK | 0.00, 0.33, 0.93, 0.17 |
| HSL | 39°, 88%, 44% |
| HSV | 39°, 93%, 83% |
| XYZ | 36.4681, 32.9303, 4.8496 |
| YIQ | 147.4520, 82.4870, -24.6570 |

Conversions

Conversions Part 2

| Format | Color |
|-------------------------------------|--|
| RYB | 123, 211, 14 |
| Decimal | 13864206 |
| CIELab | 64.10, 18.05, 67.22 |
| CIElCh | 64, 69.597, 74.971 |
| Yxy | 32.9303, 0.4912, 0.4435 |
| Android (android.graphics.Color) | 4292054286 (0xFFD38D0E) |
| YUV | 147.4520, -65.7918, 55.7316 |
| Hunter-Lab | 57.3849, 13.0131, 35.1589 |

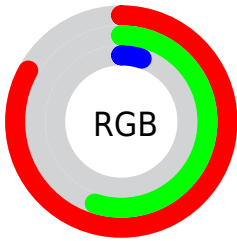
Details

The XYZ color **36.4681, 32.9303, 4.8496** is a dark color, and the websafe version is hex **CC9900**.

The color can be described as dark washed orange. A complement of this color would be **15.1096, 11.1377, 62.9810**, and the grayscale version is **28.1623, 29.6289, 32.2659**.

A 20% lighter version of the original color is **62.1303, 60.8403, 15.6765**, and **16.5036, 14.0615, 1.8443** is the 20% darker color. If you saturate the color by 10%, you get **35.6718, 31.4650, 4.1932**, and if you desaturate by 10%, it is **37.8377, 35.3087, 6.4197**.

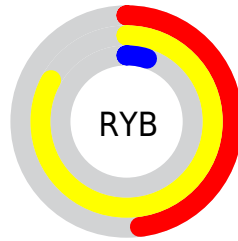
Distribution



Red (83%)

Green (55%)

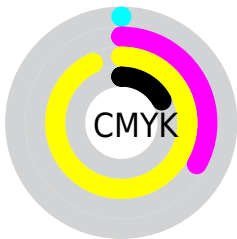
Blue (5%)



Red (48%)

Yellow (83%)

Blue (5%)

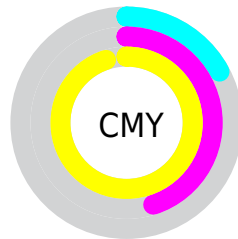


Cyan (0%)

Magenta (33%)

Yellow (93%)

Black (17%)



Cyan (17%)


Magenta (45%)


Yellow (95%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 36.4681, 32.9303, 4.8496 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 36.4681, 32.9303, 4.8496 by changing the saturation by 10% instead.


 36.4681, 32.9303,
4.8496


 36.4681, 32.9303,
4.8496


322.3976,
315.3355, 157.2463


 24.9677, 22.0731,
2.1021


 69.0731, 64.2667,
15.9261


 16.1816, 13.9106,
0.6170


 90.9085, 85.5146,
25.0922


 9.7444, 8.0585,
0.0000


 116.9195,
110.9949, 37.2349

 5.2908, 4.1324,
0.0000

 147.4716,
141.0920, 52.7727

 2.4554, 1.7479,
0.0000

 182.9301,
176.1902, 72.1242

 0.8728, 0.4544,
0.0000

 223.6603,

 0.0000, 0.0000,

216.6739, 95.7080

0.0000

270.0277,
262.9276, 123.9425

36.4681, 32.9303,
4.8496

36.4681, 32.9303,
4.8496

35.6718, 31.4650,
4.1932

37.8377, 35.3087,
6.4197

39.4712, 37.9133,
9.0060

41.3999, 40.7603,
12.7642

43.6496, 43.8621,
17.8226

46.2426, 47.2297,
24.2927

■ 49.1990, 50.8733,
32.2737

■ 52.5371, 54.8022,
41.8560

■ 56.2738, 59.0251,
53.1228

■ 60.4251, 63.5503,
66.1514

Harmonies

Analogous

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



46.6895, 32.9303, 9.5701



36.4681, 32.9303, 4.8496



26.6600, 32.9303, 4.8459

Triad

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



36.4681, 32.9303, 4.8496



16.3442, 32.9303, 51.7604



46.6719, 32.9303, 89.4996

Complementary

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



36.4681, 32.9303, 4.8496



15.1096, 11.1377, 62.9810

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.



36.4477, 32.9303, 117.8497



36.4681, 32.9303, 4.8496



19.7279, 32.9303, 89.4286

Square

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



36.4681, 32.9303, 4.8496



16.3474, 32.9303, 23.5565



26.6435, 32.9303, 117.8184



53.3682, 32.9303, 51.8279

Rectangle

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



36.4681, 32.9303, 4.8496



21.6561, 32.9303, 7.2546



26.6435, 32.9303, 117.8184



43.4490, 32.9303, 101.1397

Sweetspot

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



36.4688, 32.9320, 4.8502



78.0439, 81.0921, 56.6669



28.7103, 14.8389, 10.2057



16.2381, 16.8027, 10.8058



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.



36.4688, 32.9320, 4.8502



54.5862, 47.9523, 6.3787



43.3169, 56.9011, 9.1158



12.4353, 13.0613, 12.4777



21.6279, 19.1888, 2.5639



1.2826, 1.2196, 0.1678

Inverse Universe

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



15.1096, 11.1377, 62.9810



21.7575, 14.6349, 96.2858



12.8008, 5.4741, 62.0095



11.5025, 12.0952, 14.9720



8.7013, 6.0491, 37.9015



0.5606, 0.4863, 2.1439

Previews

White Background



This preview shows how the XYZ color 36.4681, 32.9303, 4.8496 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 36.4681, 32.9303, 4.8496 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 36.4681, 32.9303, 4.8496

Background



This preview shows how black text looks on a background with the XYZ color 36.4681, 32.9303, 4.8496.



This preview shows how white text looks on a background with the XYZ color 36.4681, 32.9303,

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

36.4681, 32.9303, 4.8496

Protanopia

29.9192, 33.0575, 5.4657

Deuteranopia

33.6159, 33.0501, 4.6076



Tritanopia

41.5393, 32.9074, 29.3617

Trichromacy



Original Color

36.4681, 32.9303, 4.8496

Protanomaly

32.1621, 32.9957, 5.2460

Deuteranomaly

34.5099, 32.8183, 4.6593

Tritanomaly

38.7539, 32.6012, 15.0766

Monochromacy



Original Color

36.4681, 32.9303, 4.8496

Achromatopsia

27.7328, 29.1771, 31.7738

Achromatomaly

28.9551, 29.6977, 16.0105

CSS Examples

Text

The CSS property to change the color of the text to XYZ 36.4681, 32.9303, 4.8496 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(211, 141, 14)` looks like.

```
.text, #text, p{  
    color:rgb(211, 141, 14)  
}
```

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(211, 141, 14) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(211, 141, 14) }
```

Border

The CSS property to change the border of an element to XYZ 36.4681, 32.9303, 4.8496 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(211, 141, 14) }
```


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

```
.border{ border-color:rgb(211, 141, 14) }
```

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

Here you see how a box with a 4 pixel `rgb(211, 141, 14)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(211, 141, 14); -webkit-box-  
shadow:4px 4px 4px 4px rgb(211, 141, 14);  
box-shadow:4px 4px 4px 4px rgb(211, 141,  
14) }
```

Background

The CSS property to change the background color of an element to XYZ 36.4681, 32.9303, 4.8496 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(211, 141, 14) }
```

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

```
.background{ background-color: rgb(211,  
141, 14) }
```

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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