

Converting Colors

XYZ(43.2596, 42.3932, 12.7401)

Have a look what the booklet for
XYZ(43.2596, 42.3932, 12.7401)
contains.

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Color

**XYZ(43.2596, 42.3932,
12.7401)**

Conversions

Conversions Part 1

Format	Color
Hex	D8A64C
RGB	216, 166, 76
RGB Percent	85%, 65%, 30%
CMY	0.1529, 0.3490, 0.7020
CMYK	0.00, 0.23, 0.65, 0.15
HSL	39°, 64%, 57%
HSV	39°, 65%, 85%
XYZ	43.2596, 42.3932, 12.7401
YIQ	170.6900, 58.6900, -17.3900

Conversions

Conversions Part 2

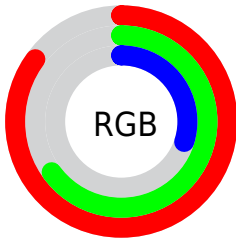
Format	Color
RYB	154, 216, 76
Decimal	14198348
CIELab	71.14, 9.00, 52.42
CIELCh	71, 53.189, 80.259
Yxy	42.3932, 0.4397, 0.4309
Android (android.graphics.Color)	4292388428 (0xFFD8A64C)
YUV	170.6900, -46.6822, 39.7369
Hunter-Lab	65.1101, 4.6541, 33.9758

Details

The XYZ color **43.2596, 42.3932, 12.7401** is a light color, and the websafe version is hex **CC9933**. The color can be described as light muted orange. A complement of this color would be **22.8355, 21.4150, 67.8952**, and the grayscale version is **38.7602, 40.7788, 44.4081**.

A 20% lighter version of the original color is **70.9927, 74.5314, 31.0664**, and **20.0668, 19.2607, 3.4191** is the 20% darker color. If you saturate the color by 10%, you get **41.2709, 39.4226, 8.9739**, and if you desaturate by 10%, it is **45.5865, 45.6370, 17.8632**.

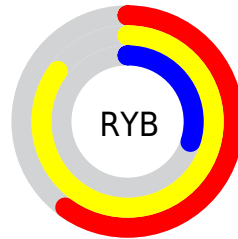
Distribution



Red (85%)

Green (65%)

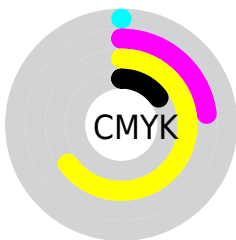
Blue (30%)



Red (60%)

Yellow (85%)

Blue (30%)

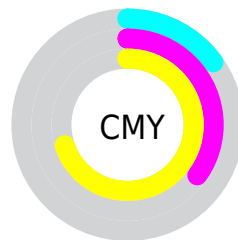


Cyan (0%)

Magenta (23%)

Yellow (65%)

Black (15%)



Cyan (15%)

Magenta (35%)

Yellow (70%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 43.2596, 42.3932, 12.7401 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 43.2596, 42.3932, 12.7401 by changing the saturation by 10% instead.

43.2596, 42.3932,
12.7401

43.2596, 42.3932,
12.7401

350.5817,
356.1103, 220.3942

30.2843, 29.4093,
7.1212

79.3557, 78.7944,
31.5204

20.2036, 19.3907,
3.4584

103.2072,
102.9804, 45.5188

12.6522, 11.9529,
1.3332

131.4148,
131.6693, 63.1476

7.2649, 6.7116,
0.0888

164.3439,
165.2455, 84.8251

3.6761, 3.2824,
0.0000

202.3597,
204.0933, 110.9700

1.5206, 1.2809,
0.0000

245.8278,

0.3398, 0.1263,

248.5971, 142.0008

0.0000

295.1133,
299.1413, 178.3360

■ 0.0000, 0.0000,
0.0000

■ 43.2596, 42.3932,
12.7401

■ 43.2596, 42.3932,
12.7401

■ 41.2709, 39.4226,
8.9739

■ 45.5865, 45.6370,
17.8632

■ 39.5895, 36.7055,
6.4227

■ 48.2726, 49.1596,
24.4610

■ 38.1826, 34.2281,
4.9170

■ 51.3408, 52.9741,
32.6413

■ 37.5318, 33.0251,
4.3963

■ 54.8105, 57.0905,
42.5008

■ 58.6999, 61.5182,
54.1289

■ 63.0261, 66.2660,
67.6081

■ 67.8048, 71.3423,
83.0159

■ 73.0512, 76.7551,
100.4255

■ 76.1993, 81.4800,
106.3188

Harmonies

Analogous

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



52.2576, 42.3932, 17.7934



43.2596, 42.3932, 12.7401



34.6522, 42.3932, 13.7518

Triad

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



43.2596, 42.3932, 12.7401



26.2738, 42.3932, 65.2999



54.9411, 42.3932, 85.1291

Complementary

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



43.2596, 42.3932, 12.7401



22.8355, 21.4150, 67.8952

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.



46.5160, 42.3932, 109.1147



43.2596, 42.3932, 12.7401



30.3108, 42.3932, 95.0477

Square

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



43.2596, 42.3932, 12.7401



25.6678, 42.3932, 38.3514



37.4661, 42.3932, 113.2944



59.6283, 42.3932, 54.9602

Rectangle

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



43.2596, 42.3932, 12.7401



30.2128, 42.3932, 17.9447



37.4661, 42.3932, 113.2944



52.3987, 42.3932, 94.5874

Sweetspot

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



43.2606, 42.3953, 12.7409



82.9343, 86.7166, 71.1103



34.7559, 21.3091, 22.4744



17.4045, 18.1648, 14.1875



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.



43.2606, 42.3953, 12.7409



59.0910, 55.8160, 11.4133



48.9735, 61.5485, 16.1368



13.0825, 13.7391, 13.1231



22.3205, 19.7582, 2.6373



1.4232, 1.3455, 0.1847

Inverse Universe

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



22.8355, 21.4150, 67.8952



27.2924, 23.2754, 97.6619



19.6641, 12.5422, 66.3497



12.1019, 12.7272, 15.7563



9.0057, 6.2732, 39.1894



0.6202, 0.5324, 2.3894

Previews

White Background



This preview shows how the XYZ color 43.2596, 42.3932, 12.7401 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 43.2596, 42.3932, 12.7401 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

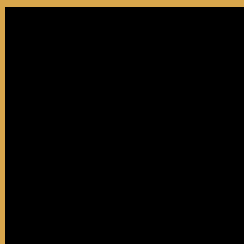
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 43.2596, 42.3932, 12.7401

Background



This preview shows how black text looks on a background with the XYZ color 43.2596, 42.3932, 12.7401.



This preview shows how white text looks on a background with the XYZ color 43.2596, 42.3932,

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

43.2596, 42.3932, 12.7401

Protanopia

38.9894, 42.6938, 13.5829

Deuteranopia

43.2596, 42.3932, 12.7401



Tritanopia

49.3878, 42.2921, 42.6060

Trichromacy



Original Color

43.2596, 42.3932, 12.7401

Protanomaly

40.4848, 42.6117, 13.2988

Deuteranomaly

43.2596, 42.3932, 12.7401

Tritanomaly

46.4592, 42.1065, 28.6004

Monochromacy



Original Color

43.2596, 42.3932, 12.7401

Achromatopsia

38.7082, 40.7240, 44.3485

Achromatomaly

39.1254, 40.7183, 29.0898

CSS Examples

Text

The CSS property to change the color of the text to XYZ 43.2596, 42.3932, 12.7401 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, 166, 76)` looks like.

```
.text, #text, p{  
    color:rgb(216, 166, 76)  
}
```

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, 166, 76) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(216, 166, 76) }
```

Border

The CSS property to change the border of an element to XYZ 43.2596, 42.3932, 12.7401 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, 166, 76) }
```


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

```
.border{ border-color:rgb(216, 166, 76) }
```

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

Here you see how a box with a 4 pixel rgb(216, 166, 76) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(216, 166, 76); -webkit-box-  
shadow:4px 4px 4px 4px rgb(216, 166, 76);  
box-shadow:4px 4px 4px 4px rgb(216, 166,  
76) }
```

Background

The CSS property to change the background color of an element to XYZ 43.2596, 42.3932, 12.7401 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(216, 166, 76) }
```

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

```
.background{ background-color: rgb(216,  
166, 76) }
```

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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