

Converting Colors

XYZ(43.3792, 40.9404, 5.6160)

Have a look what the booklet for
XYZ(43.3792, 40.9404, 5.6160)
contains.

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Color

**XYZ(43.3113, 40.9889,
5.6289)**

Conversions

Conversions Part 1

Format	Color
Hex	E0A000
RGB	224, 160, 0
RGB Percent	88%, 63%, 0%
CMY	0.1216, 0.3725, 0.9999
CMYK	0.00, 0.29, 1.00, 0.12
HSL	43°, 100%, 44%
HSV	43°, 100%, 88%
XYZ	43.3113, 40.9889, 5.6289
YIQ	160.8960, 89.5040, -36.1920

Conversions

Conversions Part 2

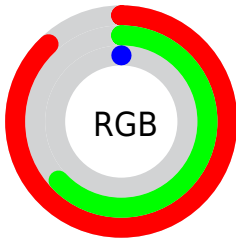
Format	Color
R_{YB}	90, 224, 0
Decimal	14721024
CIE _{Lab}	70.17, 13.35, 74.06
CIE _{LCh}	70, 75.254, 79.784
Yxy	40.9889, 0.4816, 0.4558
Android (android.graphics.Color)	4292911104 (0xFFE0A000)
YUV	160.8960, -79.3217, 55.3422
Hunter-Lab	64.0226, 8.7158, 39.6030

Details

The XYZ color **43.3113, 40.9889, 5.6289** is a dark color, and the websafe version is hex **CC9900**. The color can be described as middle washed orange. A complement of this color would be **15.2885, 9.0496, 71.4615**, and the grayscale version is **34.1576, 35.9364, 39.1348**.

A 20% lighter version of the original color is **66.6261, 69.8890, 16.9995**, and **20.5729, 18.7238, 2.5297** is the 20% darker color. If you saturate the color by 10%, you get **43.3114, 40.9895, 5.6290**, and if you desaturate by 10%, it is **44.5992, 43.3270, 6.7925**.

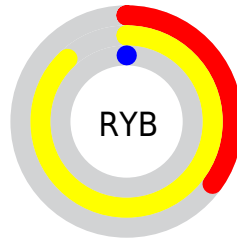
Distribution



Red (88%)

Green (63%)

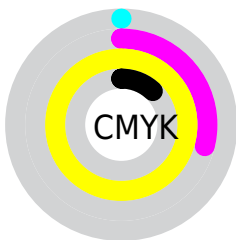
Blue (0%)



Red (35%)

Yellow (88%)

Blue (0%)

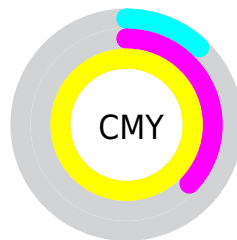


Cyan (0%)

Magenta (29%)

Yellow (100%)

Black (12%)



Cyan (12%)

Magenta (37%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 43.3113, 40.9889, 5.6289 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 43.3113, 40.9889, 5.6289 by changing the saturation by 10% instead.

43.3113, 40.9889,
5.6289

43.3113, 40.9889,
5.6289

350.7903,
350.2742, 164.9013

30.3250, 28.3104,
2.5557

79.4332, 76.6670,
17.6198

20.2347, 18.5598,
0.8694

103.2995,
100.4355, 27.3746

12.6750, 11.3526,
0.0000

131.5233,
128.6694, 40.1936

7.2806, 6.3045,
0.0000

164.4697,
161.7531, 56.4954

3.6861, 3.0311,
0.0000

202.5043,
200.0710, 76.6985

1.5261, 1.1480,
0.0000

245.9924,

0.3435, 0.0186,

244.0076, 101.2215

0.0000

295.2992,
293.9472, 130.4829

0.0000, 0.0000,
0.0000

43.3113, 40.9889,
5.6289

43.3113, 40.9889,
5.6289

43.3114, 40.9895,
5.6290

44.5992, 43.3270,
6.7925

46.1167, 45.8479,
8.8829

47.9211, 48.5776,
12.1947

50.0452, 51.5305,
16.8958

52.5164, 54.7188,
23.1273

■ 55.3590, 58.1534,
31.0131

■ 58.5948, 61.8443,
40.6641

■ 62.2436, 65.8005,
52.1817

■ 66.3241, 70.0308,
65.6596

Harmonies

Analogous

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



56.3361, 40.9889, 10.2904



43.3113, 40.9889, 5.6289



31.4804, 40.9889, 6.3979

Triad

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



43.3113, 40.9889, 5.6289



20.6541, 40.9889, 71.7466



59.9840, 40.9889, 104.3016

Complementary

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



43.3113, 40.9889, 5.6289



15.2885, 9.0496, 71.4615

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.



47.5365, 40.9889, 143.6969



43.3113, 40.9889, 5.6289



25.5819, 40.9889, 119.0334

Square

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



43.3113, 40.9889, 5.6289



19.9916, 40.9889, 33.6501



34.9080, 40.9889, 150.1764



67.2201, 40.9889, 57.7709

Rectangle

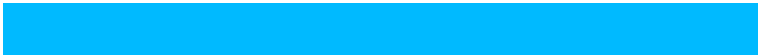
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



43.3113, 40.9889, 5.6289



25.6851, 40.9889, 10.1675



34.9080, 40.9889, 150.1764



56.1617, 40.9889, 119.6655

Sweetspot

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



43.3122, 40.9910, 5.6297



78.5058, 82.8537, 54.2378



31.7599, 16.2553, 6.8070



16.3958, 17.2756, 10.3734



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.



43.3122, 40.9910, 5.6297



57.9978, 54.7756, 7.5159



45.2928, 62.9188, 9.7578



14.5236, 15.3332, 14.5009



25.3133, 24.0644, 3.3107



1.8298, 1.8185, 0.2546

Inverse Universe

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



15.2885, 9.0496, 71.4615



20.4230, 11.9660, 95.8410



14.5285, 5.9357, 70.9005



13.2694, 13.8779, 17.3670



8.9837, 5.4369, 41.6243



0.6978, 0.5270, 2.9102

Previews

White Background



This preview shows how the XYZ color 43.3113, 40.9889, 5.6289 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 43.3113, 40.9889, 5.6289 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 43.3113, 40.9889, 5.6289

Background



This preview shows how black text looks on a background with the XYZ color 43.3113, 40.9889, 5.6289.



This preview shows how white text looks on a background with the XYZ color 43.3113, 40.9889,

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

43.3113, 40.9889, 5.6289

Protanopia

37.0799, 41.0061, 6.3761

Deuteranopia

41.7125, 40.9461, 5.7049



Tritanopia

50.0476, 41.0219, 38.5379

Trichromacy



Original Color

43.3113, 40.9889, 5.6289

Protanomaly

39.2288, 41.0041, 6.1055

Deuteranomaly

42.4355, 41.0563, 5.6881

Tritanomaly

45.7844, 40.2358, 17.9235

Monochromacy



Original Color

43.3113, 40.9889, 5.6289

Achromatopsia

33.8758, 35.6400, 38.8120

Achromatomaly

34.9103, 36.6394, 17.8025

CSS Examples

Text

The CSS property to change the color of the text to XYZ 43.3113, 40.9889, 5.6289 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(224, 160, 0)` looks like.

```
.text, #text, p{  
    color:rgb(224, 160, 0)  
}
```

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(224, 160, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(224, 160, 0) }
```

Border

The CSS property to change the border of an element to XYZ 43.3113, 40.9889, 5.6289 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(224, 160, 0) }
```


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

```
.border{ border-color:rgb(224, 160, 0) }
```

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

Here you see how a box with a 4 pixel `rgb(224, 160, 0)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(224, 160, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(224, 160, 0);  
box-shadow:4px 4px 4px 4px rgb(224, 160,  
0) }
```

Background

The CSS property to change the background color of an element to XYZ 43.3113, 40.9889, 5.6289 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(224, 160, 0) }
```

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

```
.background{ background-color: rgb(224,  
160, 0) }
```

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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