

Converting Colors

XYZ(43.5638, 44.7583, 6.3445)

Have a look what the booklet for
XYZ(43.5638, 44.7583, 6.3445)
contains.

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Color

**XYZ(43.5588, 44.6389,
6.3204)**

Conversions

Conversions Part 1

Format	Color
Hex	D9AD00
RGB	217, 173, 0
RGB Percent	85%, 68%, 0%
CMY	0.1490, 0.3215, 0.9999
CMYK	0.00, 0.20, 1.00, 0.15
HSL	48°, 100%, 43%
HSV	48°, 100%, 85%
XYZ	43.5588, 44.6389, 6.3204
YIQ	166.4340, 81.7570, -44.4750

Conversions

Conversions Part 2

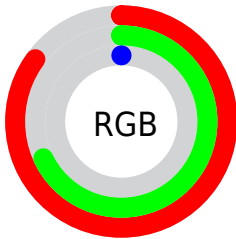
Format	Color
RYB	55, 217, 0
Decimal	14265600
CIELab	72.65, 3.37, 75.41
CIELCh	73, 75.487, 87.445
Yxy	44.6389, 0.4609, 0.4723
Android (android.graphics.Color)	4292455680 (0xFFD9AD00)
YUV	166.4340, -82.0520, 44.3464
Hunter-Lab	66.8123, -0.5472, 41.1599

Details

The XYZ color **43.5588, 44.6389, 6.3204** 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 **13.4256, 6.8120, 66.2521**, and the grayscale version is **36.8155, 38.7328, 42.1800**.

A 20% lighter version of the original color is **70.3947, 77.3113, 18.6095**, and **20.7420, 20.8428, 2.9298** is the 20% darker color. If you saturate the color by 10%, you get **43.5590, 44.6396, 6.3205**, and if you desaturate by 10%, it is **44.5595, 46.4132, 7.3550**.

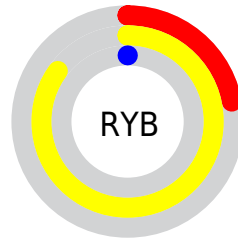
Distribution



Red (85%)

Green (68%)

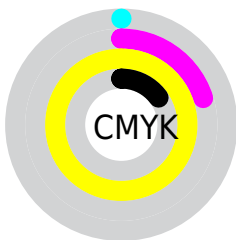
Blue (0%)



Red (22%)

Yellow (85%)

Blue (0%)

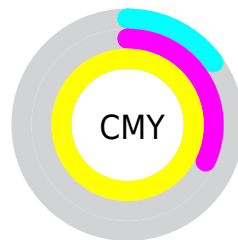


Cyan (0%)

Magenta (20%)

Yellow (100%)

Black (15%)



Cyan (15%)


Magenta (32%)


Yellow (100%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 43.5588, 44.6389, 6.3204 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 43.5588, 44.6389, 6.3204 by changing the saturation by 10% instead.


 43.5588, 44.6389,
6.3204

 43.5588, 44.6389,
6.3204


351.7875,
365.3091, 171.3017


 30.5202, 31.1731,
2.9689


 79.8039, 82.1783,
19.0814


 20.3838, 20.7307,
1.0788


 103.7411,
107.0206, 29.3280


 12.7842, 12.9273,
0.0000


 132.0420,
136.4240, 42.7101

 7.3561, 7.3785,
0.0000

 165.0717,
170.7727, 59.6463

 3.7341, 3.6999,
0.0000

 203.1958,
210.4512, 80.5549

 1.5528, 1.5072,
0.0000

 246.7796,

 0.3614, 0.2938,

255.8438, 105.8547

0.0000

296.1884,
307.3350, 135.9641

■ 0.0000, 0.0000,
0.0000

■ 43.5588, 44.6389,
6.3204

■ 43.5588, 44.6389,
6.3204

■ 43.5590, 44.6396,
6.3205

■ 44.5595, 46.4132,
7.3550

■ 45.7468, 48.3053,
9.2387

■ 47.1746, 50.3389,
12.2489

■ 48.8725, 52.5261,
16.5405

■ 50.8654, 54.8775,
22.2437

■ 53.1753, 57.4021,
29.4728

■ 55.8219, 60.1083,
38.3302

■ 58.8231, 63.0036,
48.9097

■ 62.1957, 66.0950,
61.2976

Harmonies

Analogous

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



57.4476, 44.6389, 9.6677



43.5588, 44.6389, 6.3204



31.8622, 44.6389, 8.6146

Triad

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



43.5588, 44.6389, 6.3204



23.7969, 44.6389, 89.9215



67.3460, 44.6389, 98.5644

Complementary

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



43.5588, 44.6389, 6.3204



13.4256, 6.8120, 66.2521

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.



55.1039, 44.6389, 144.6119



43.5588, 44.6389, 6.3204



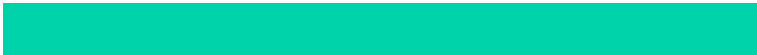
30.2849, 44.6389, 138.0719

Square

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



43.5588, 44.6389, 6.3204



21.9398, 44.6389, 45.4640



41.3168, 44.6389, 161.8737



72.8305, 44.6389, 51.8857

Rectangle

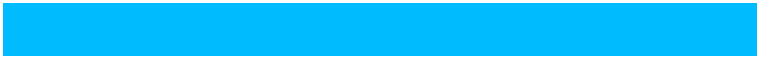
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



43.5588, 44.6389, 6.3204



26.4705, 44.6389, 14.3582



41.3168, 44.6389, 161.8737



63.7758, 44.6389, 115.3824

Sweetspot

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



43.5598, 44.6411, 6.3213



80.3363, 86.5146, 54.8480



29.1288, 14.9574, 4.0444



16.8361, 18.1562, 10.5202



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.



43.5598, 44.6411, 6.3213



62.6666, 64.1132, 9.0722



38.4305, 56.6454, 8.9087



13.9263, 14.7920, 13.8467



26.4456, 27.1767, 3.8518



1.7712, 1.8765, 0.2689

Inverse Universe

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



13.4256, 6.8120, 66.2521



19.2647, 9.6494, 95.4549



14.4796, 6.0180, 66.0433



12.5515, 13.0427, 16.5081



8.1873, 4.2439, 40.1260



0.5922, 0.3985, 2.6201

Previews

White Background



This preview shows how the XYZ color 43.5588, 44.6389, 6.3204 looks on a white background.

Color Contrast Check

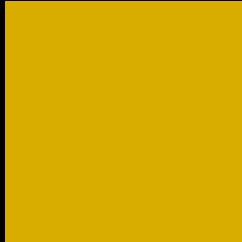
Large Text (above 18pt) WCAG AA × Fail

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 43.5588, 44.6389, 6.3204 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 43.5588, 44.6389, 6.3204

Background



This preview shows how black text looks on a background with the XYZ color 43.5588, 44.6389, 6.3204.



This preview shows how white text looks on a background with the XYZ color 43.5588, 44.6389,

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

43.5588, 44.6389, 6.3204

Protanopia

40.2623, 44.6796, 6.7891

Deuteranopia

45.6313, 44.5764, 6.6145



Tritanopia

51.6517, 44.6756, 45.4361

Trichromacy



Original Color

43.5588, 44.6389, 6.3204

Protanomaly

41.4871, 44.7228, 6.6181

Deuteranomaly

44.8555, 44.4571, 6.4754

Tritanomaly

46.7010, 43.7240, 20.7300

Monochromacy



Original Color

43.5588, 44.6389, 6.3204

Achromatopsia

36.2450, 38.1326, 41.5264

Achromatomaly

36.7971, 39.7308, 19.3651

CSS Examples

Text

The CSS property to change the color of the text to XYZ 43.5588, 44.6389, 6.3204 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(217, 173, 0)` looks like.

```
.text, #text, p{  
    color:rgb(217, 173, 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(217, 173, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(217, 173, 0) }
```

Border

The CSS property to change the border of an element to XYZ 43.5588, 44.6389, 6.3204 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(217, 173, 0) }
```


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

```
.border{ border-color:rgb(217, 173, 0) }
```

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

Here you see how a box with a 4 pixel `rgb(217, 173, 0)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(217, 173, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(217, 173, 0);  
box-shadow:4px 4px 4px 4px rgb(217, 173,  
0) }
```

Background

The CSS property to change the background color of an element to XYZ 43.5588, 44.6389, 6.3204 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(217, 173, 0) }
```

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

```
.background{ background-color: rgb(217,  
173, 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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