

Converting Colors

XYZ(43.5551, 45.2073, 7.1950)

Have a look what the booklet for
XYZ(43.5551, 45.2073, 7.1950)
contains.

XYZ(43.4991, 45.1649, 7.1841)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(43.4991, 45.1649,
7.1841)**

Conversions

Conversions Part 1

Format	Color
Hex	D7AF16
RGB	215, 175, 22
RGB Percent	84%, 69%, 9%
CMY	0.1569, 0.3137, 0.9137
CMYK	0.00, 0.19, 0.90, 0.16
HSL	48°, 81%, 46%
HSV	48°, 90%, 84%
XYZ	43.4991, 45.1649, 7.1841
YIQ	169.5180, 72.9530, -39.1030

Conversions

Conversions Part 2

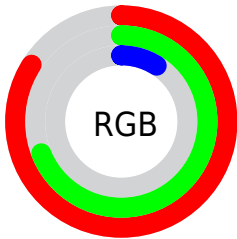
Format	Color
RYB	72, 215, 22
Decimal	14135062
CIELab	73.00, 1.69, 72.63
CIELCh	73, 72.652, 88.664
Yxy	45.1649, 0.4538, 0.4712
Android (android.graphics.Color)	4292325142 (0xFFD7AF16)
YUV	169.5180, -72.7264, 39.8877
Hunter-Lab	67.2048, -2.0723, 40.7054

Details

The XYZ color **43.4991, 45.1649, 7.1841** 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 **14.3196, 8.5226, 65.1798**, and the grayscale version is **38.2949, 40.2892, 43.8749**.

A 20% lighter version of the original color is **71.2571, 78.5417, 20.4212**, and **20.6005, 21.1345, 2.9936** is the 20% darker color. If you saturate the color by 10%, you get **42.5050, 43.4043, 6.1523**, and if you desaturate by 10%, it is **44.6823, 47.0505, 9.0615**.

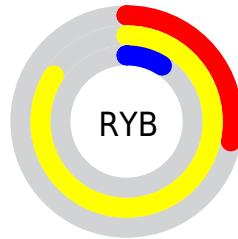
Distribution



Red (84%)

Green (69%)

Blue (9%)



Red (28%)

Yellow (84%)

Blue (9%)

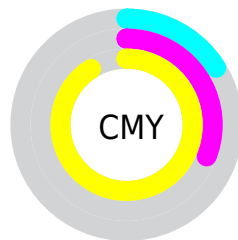


Cyan (0%)

Magenta (19%)

Yellow (90%)

Black (16%)



Cyan (16%)


Magenta (31%)


Yellow (91%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 43.4991, 45.1649, 7.1841 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 43.4991, 45.1649, 7.1841 by changing the saturation by 10% instead.


 43.4991, 45.1649,
7.1841


 43.4991, 45.1649,
7.1841


351.5471,
367.4410, 178.8733


 30.4731, 31.5873,
3.4973


 79.7145, 82.9678,
20.8618

 20.3478, 21.0465,
1.3538


 103.6347,
107.9619, 31.6897

 12.7579, 13.1580,
0.1053


 131.9169,
137.5304, 45.7352

 7.3379, 7.5374,
0.0000

 164.9266,
172.0575, 63.4166

 3.7225, 3.8004,
0.0000

 203.0291,
211.9277, 85.1526

 1.5464, 1.5626,
0.0000

 246.5898,

 0.3571, 0.3322,

257.5255, 111.3617

0.0000

295.9740,
309.2351, 142.4624

■ 0.0000, 0.0000,
0.0000

■ 43.4991, 45.1649,
7.1841

■ 43.4991, 45.1649,
7.1841

■ 42.5050, 43.4043,
6.1523

■ 44.6823, 47.0505,
9.0615

■ 42.4823, 43.3634,
6.1309

■ 46.1017, 49.0751,
12.0451

■ 47.7873, 51.2527,
16.2863

■ 49.7633, 53.5936,
21.9119

■ 52.0511, 56.1067,
29.0332

■ 54.6700, 58.8001,
37.7504

■ 57.6376, 61.6812,
48.1546

■ 60.9700, 64.7570,
60.3303

■ 64.6826, 68.0338,
74.3563

Harmonies

Analogous

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



56.9021, 45.1649, 10.3904



43.4991, 45.1649, 7.1841



32.2595, 45.1649, 9.8232

Triad

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



43.4991, 45.1649, 7.1841



24.8865, 45.1649, 90.8670



67.3112, 45.1649, 95.1814

Complementary

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



43.4991, 45.1649, 7.1841



14.3196, 8.5226, 65.1798

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.



55.7218, 45.1649, 139.4547



43.4991, 45.1649, 7.1841



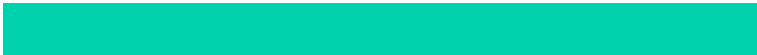
31.4521, 45.1649, 136.2170

Square

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



43.4991, 45.1649, 7.1841



22.8701, 45.1649, 47.5661



42.3617, 45.1649, 157.2761



72.2187, 45.1649, 50.8237

Rectangle

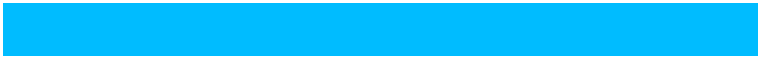
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



43.4991, 45.1649, 7.1841



27.0956, 45.1649, 15.9655



42.3617, 45.1649, 157.2761



63.9683, 45.1649, 111.2414

Sweetspot

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



43.5001, 45.1671, 7.1850



81.4949, 87.5637, 59.1443



29.2316, 15.3893, 6.2541



17.1373, 18.4381, 11.6084



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.



43.5001, 45.1671, 7.1850



62.3971, 63.5743, 8.9824



39.0062, 56.1650, 9.5446



13.2442, 14.0626, 13.1770



25.4880, 26.0933, 3.6932



1.5936, 1.6863, 0.2415

Inverse Universe

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



14.3196, 8.5226, 65.1798



19.3160, 9.7520, 95.4720



15.5884, 7.0454, 64.8278



11.9490, 12.4215, 15.7053



7.9494, 4.1606, 38.8373



0.5400, 0.3720, 2.3627

Previews

White Background



This preview shows how the XYZ color 43.4991, 45.1649, 7.1841 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 43.4991, 45.1649, 7.1841 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 43.4991, 45.1649, 7.1841

Background



This preview shows how black text looks on a background with the XYZ color 43.4991, 45.1649, 7.1841.



This preview shows how white text looks on a background with the XYZ color 43.4991, 45.1649,

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

43.4991, 45.1649, 7.1841

Protanopia

40.8432, 45.2650, 7.4485

Deuteranopia

45.9366, 44.9973, 7.3011



Tritanopia

51.5755, 45.1368, 46.5514

Trichromacy



Original Color

43.4991, 45.1649, 7.1841

Protanomaly

41.8072, 45.1680, 7.3254

Deuteranomaly

45.0522, 45.1048, 7.2513

Tritanomaly

46.9673, 44.3415, 23.5361

Monochromacy



Original Color

43.4991, 45.1649, 7.1841

Achromatopsia

38.2080, 40.1978, 43.7754

Achromatomaly

38.1546, 41.2051, 22.4654

CSS Examples

Text

The CSS property to change the color of the text to XYZ 43.4991, 45.1649, 7.1841 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(215, 175, 22)` looks like.

```
.text, #text, p{  
    color:rgb(215, 175, 22)  
}
```

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(215, 175, 22) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(215, 175, 22) }
```

Border

The CSS property to change the border of an element to XYZ 43.4991, 45.1649, 7.1841 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(215, 175, 22) }
```


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

```
.border{ border-color:rgb(215, 175, 22) }
```

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

Here you see how a box with a 4 pixel `rgb(215, 175, 22)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(215, 175, 22); -webkit-box-  
shadow:4px 4px 4px 4px rgb(215, 175, 22);  
box-shadow:4px 4px 4px 4px rgb(215, 175,  
22) }
```

Background

The CSS property to change the background color of an element to XYZ 43.4991, 45.1649, 7.1841 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(215, 175, 22) }
```

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

```
.background{ background-color: rgb(215,  
175, 22) }
```

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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