

Converting Colors

XYZ(43.7336, 45.4547, 9.4132)

Have a look what the booklet for
XYZ(43.7336, 45.4547, 9.4132)
contains.

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Color

**XYZ(43.8113, 45.5686,
9.3922)**

Conversions

Conversions Part 1

Format	Color
Hex	D6B031
RGB	214, 176, 49
RGB Percent	84%, 69%, 19%
CMY	0.1608, 0.3098, 0.8078
CMYK	0.00, 0.18, 0.77, 0.16
HSL	46°, 67%, 52%
HSV	46°, 77%, 84%
XYZ	43.8113, 45.5686, 9.3922
YIQ	172.8840, 63.4150, -31.4410

Conversions

Conversions Part 2

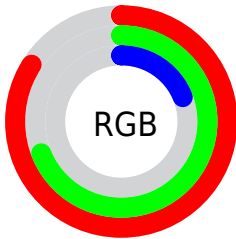
Format	Color
RYB	98, 214, 49
Decimal	14069809
CIELab	73.26, 1.47, 65.54
CIElCh	73, 65.552, 88.711
Yxy	45.5686, 0.4436, 0.4614
Android (android.graphics.Color)	4292259889 (0xFFD6B031)
YUV	172.8840, -61.0748, 36.0587
Hunter-Lab	67.5045, -2.2841, 39.0039

Details

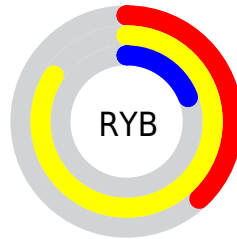
The XYZ color **43.8113, 45.5686, 9.3922** is a light color, and the websafe version is hex **CC9900**. The color can be described as light muted orange. A complement of this color would be **16.8124, 12.3241, 65.1106**, and the grayscale version is **39.9414, 42.0215, 45.7614**.

A 20% lighter version of the original color is **72.3657, 79.4317, 24.8824**, and **20.7252, 21.3839, 3.0352** is the 20% darker color. If you saturate the color by 10%, you get **42.5139, 43.5333, 7.2360**, and if you desaturate by 10%, it is **45.3601, 47.7641, 12.6902**.

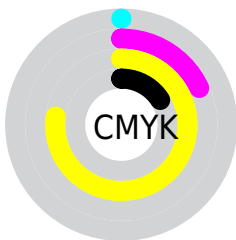
Distribution



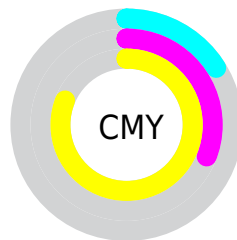
- Red (84%)
- Green (69%)
- Blue (19%)



- Red (38%)
- Yellow (84%)
- Blue (19%)



- Cyan (0%)
- Magenta (18%)
- Yellow (77%)
- Black (16%)





- Cyan (16%)
- Magenta (31%)
- Yellow (81%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 43.8113, 45.5686, 9.3922 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 43.8113, 45.5686, 9.3922 by changing the saturation by 10% instead.


 43.8113, 45.5686,
9.3922


 43.8113, 45.5686,
9.3922


352.8029,
369.0716, 196.6019

 30.7195, 31.9055,
4.8976


 80.1818, 83.5730,
25.2355

 20.5361, 21.2894,
2.1296

 104.1912,
108.6831, 37.4213


 12.8959, 13.3357,
0.6333


 132.5705,
138.3777, 53.0079

 7.4334, 7.6601,
0.0000

 165.6851,
173.0412, 72.4138

 3.7833, 3.8782,
0.0000

 203.9002,
213.0579, 96.0577

 1.5803, 1.6057,
0.0000

 247.5814,

 0.3795, 0.3614,

258.8123, 124.3579

0.0000

297.0938,
310.6887, 157.7331

■ 0.0000, 0.0000,
0.0000

■ 43.8113, 45.5686,
9.3922

■ 43.8113, 45.5686,
9.3922

■ 42.5139, 43.5333,
7.2360

■ 45.3601, 47.7641,
12.6902

■ 41.4289, 41.6368,
6.0313

■ 47.1843, 50.1248,
17.2686

■ 41.1364, 41.1060,
5.7661

■ 49.3084, 52.6626,
23.2492

■ 51.7529, 55.3865,
30.7388

■ 54.5364, 58.3043,
39.8338

■ 57.6761, 61.4236,
50.6225

■ 61.1877, 64.7511,
63.1868

■ 65.0863, 68.2934,
77.6033

■ 69.3856, 72.0565,
93.9440

Harmonies

Analogous

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



55.8558, 45.5686, 12.7653



43.8113, 45.5686, 9.3922



33.5236, 45.5686, 12.1973

Triad

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



43.8113, 45.5686, 9.3922



26.6528, 45.5686, 86.7304



65.1171, 45.5686, 90.3632

Complementary

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



43.8113, 45.5686, 9.3922



16.8124, 12.3241, 65.1106

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.



54.8404, 45.5686, 128.5788



43.8113, 45.5686, 9.3922



32.8020, 45.5686, 125.9078

Square

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



43.8113, 45.5686, 9.3922



24.7356, 45.5686, 48.2044



42.8157, 45.5686, 143.8205



69.4268, 45.5686, 51.0558

Rectangle

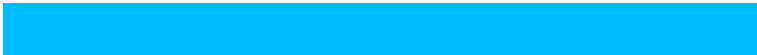
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



43.8113, 45.5686, 9.3922



28.7163, 45.5686, 18.4384



42.8157, 45.5686, 143.8205



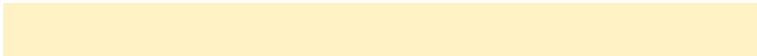
62.1657, 45.5686, 104.3095

Sweetspot

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



43.8123, 45.5708, 9.3931



82.8456, 88.4653, 65.1428



30.5708, 17.1894, 10.8316



17.3802, 18.5800, 12.7497



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.



43.8123, 45.5708, 9.3931



62.0930, 62.7932, 9.4135



41.1786, 56.8607, 11.7111



13.2191, 14.0124, 13.1687



24.9467, 25.0106, 3.5127



1.5651, 1.6294, 0.2320

Inverse Universe

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



16.8124, 12.3241, 65.1106



20.6438, 12.0414, 95.8439



17.7505, 9.3793, 64.4928



11.9723, 12.4681, 15.7131



8.0732, 4.4081, 38.8785



0.5508, 0.3937, 2.3663

Previews

White Background



This preview shows how the XYZ color 43.8113, 45.5686, 9.3922 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 43.8113, 45.5686, 9.3922 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 43.8113, 45.5686, 9.3922

Background



This preview shows how black text looks on a background with the XYZ color 43.8113, 45.5686, 9.3922.



This preview shows how white text looks on a background with the XYZ color 43.8113, 45.5686,

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

43.8113, 45.5686, 9.3922

Protanopia

41.2541, 45.4294, 9.6120

Deuteranopia

46.5245, 45.5336, 9.4687



Tritanopia

51.6427, 45.4132, 47.6387

Trichromacy



Original Color

43.8113, 45.5686, 9.3922

Protanomaly

42.1494, 45.5923, 9.5963

Deuteranomaly

45.6435, 45.6470, 9.4227

Tritanomaly

47.5471, 44.8326, 27.2666

Monochromacy



Original Color

43.8113, 45.5686, 9.3922

Achromatopsia

39.7200, 41.7885, 45.5077

Achromatomaly

39.7714, 42.5220, 26.5335

CSS Examples

Text

The CSS property to change the color of the text to XYZ 43.8113, 45.5686, 9.3922 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(214, 176, 49)` looks like.

```
.text, #text, p{  
    color:rgb(214, 176, 49)  
}
```

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(214, 176, 49) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(214, 176, 49) }
```

Border

The CSS property to change the border of an element to XYZ 43.8113, 45.5686, 9.3922 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(214, 176, 49) }
```


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

```
.border{ border-color:rgb(214, 176, 49) }
```

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

Here you see how a box with a 4 pixel `rgb(214, 176, 49)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(214, 176, 49); -webkit-box-  
shadow:4px 4px 4px 4px rgb(214, 176, 49);  
box-shadow:4px 4px 4px 4px rgb(214, 176,  
49) }
```

Background

The CSS property to change the background color of an element to XYZ 43.8113, 45.5686, 9.3922 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(214, 176, 49) }
```

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

```
.background{ background-color: rgb(214,  
176, 49) }
```

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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