

Converting Colors

XYZ(45.5292, 41.5020, 19.1530)

Have a look what the booklet for
XYZ(45.5292, 41.5020, 19.1530)
contains.

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Color

**XYZ(45.7401, 41.6842,
19.2708)**

Conversions

Conversions Part 1

Format	Color
Hex	E09F6A
RGB	224, 159, 106
RGB Percent	88%, 62%, 42%
CMY	0.1216, 0.3764, 0.5843
CMYK	0.00, 0.29, 0.53, 0.12
HSL	27°, 66%, 65%
HSV	27°, 53%, 88%
XYZ	45.7401, 41.6842, 19.2708
YIQ	172.3930, 55.7530, -2.7030

Conversions

Conversions Part 2

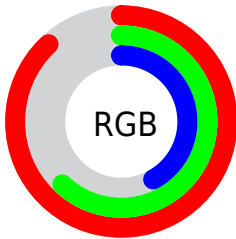
Format	Color
R_{YB}	224, 202, 106
Decimal	14720874
CIE _{Lab}	70.65, 18.32, 37.11
CIE _{LCh}	71, 41.386, 63.726
Yxy	41.6842, 0.4287, 0.3907
Android (android.graphics.Color)	4292910954 (0xFFE09F6A)
YUV	172.3930, -32.7317, 45.2593
Hunter-Lab	64.5633, 13.4732, 27.4975

Details

The XYZ color **45.7401, 41.6842, 19.2708** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **33.9605, 37.5700, 75.9824**, and the grayscale version is **39.5539, 41.6137, 45.3174**.

A 20% lighter version of the original color is **71.4581, 71.8218, 42.4445**, and **21.7221, 18.9178, 6.3775** is the 20% darker color. If you saturate the color by 10%, you get **42.7072, 37.2455, 13.2442**, and if you desaturate by 10%, it is **49.2911, 46.6723, 26.9717**.

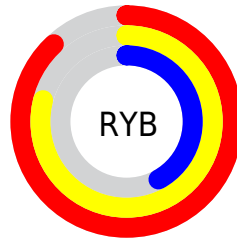
Distribution



Red (88%)

Green (62%)

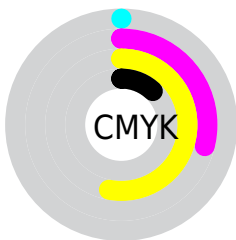
Blue (42%)



Red (88%)

Yellow (79%)

Blue (42%)

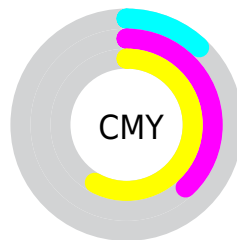


Cyan (0%)

Magenta (29%)

Yellow (53%)

Black (12%)



Cyan (12%)


Magenta (38%)

Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 45.7401, 41.6842, 19.2708 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 45.7401, 41.6842, 19.2708 by changing the saturation by 10% instead.


 45.7401, 41.6842,
19.2708


 45.7401, 41.6842,
19.2708


360.4963,
353.1722, 260.4120

 32.2445, 28.8541,
11.6873


 83.0601, 77.7215,
43.0340


 21.7048, 18.9705,
6.4112


 107.6153,
101.6974, 60.0507

 13.7555, 11.6489,
3.0239


 136.5878,
130.1574, 81.0490

 8.0314, 6.5051,
1.1068

 170.3428,
163.4858, 106.4474

 4.1670, 3.1546,
0.0000

209.2459,
202.0671, 136.6643

 1.7971, 1.2130,
0.0000

253.6622,

 0.5159, 0.0723,

246.2857, 172.1183

0.0000

303.9572,
296.5259, 213.2281

■ 0.0000, 0.0000,
0.0000

■ 45.7401, 41.6842,
19.2708

■ 45.7401, 41.6842,
19.2708

■ 42.7072, 37.2455,
13.2442

■ 49.2911, 46.6723,
26.9717

■ 40.1589, 33.3280,
8.7598

■ 53.3846, 52.2242,
36.4604

■ 38.0618, 29.9096,
5.6693

■ 58.0471, 58.3610,
47.8430

■ 36.3756, 26.9633,
3.7933

■ 63.3020, 65.1011,
61.2165

■ 35.3572, 25.0810,
2.9776

■ 69.1716, 72.4617,
76.6715

■ 75.6767, 80.4593,
94.2928

■ 81.5553, 88.5971,
107.4103

■ 84.5503, 94.5872,
108.4086

Harmonies

Analogous

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



51.6137, 41.6842, 27.5006



45.7401, 41.6842, 19.2708



38.7698, 41.6842, 17.1940

Triad

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



45.7401, 41.6842, 19.2708



27.8768, 41.6842, 47.8828



47.3911, 41.6842, 84.5399

Complementary

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



45.7401, 41.6842, 19.2708



33.9605, 37.5700, 75.9824

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.



40.4817, 41.6842, 94.3888



45.7401, 41.6842, 19.2708



29.6444, 41.6842, 69.7155

Square

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



45.7401, 41.6842, 19.2708



28.9445, 41.6842, 30.6543



34.0710, 41.6842, 88.3056



52.6414, 41.6842, 64.2144

Rectangle

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



45.7401, 41.6842, 19.2708



34.5531, 41.6842, 18.8733



34.0710, 41.6842, 88.3056



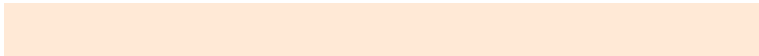
45.1586, 41.6842, 89.4145

Sweetspot

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



45.7411, 41.6862, 19.2716



82.4084, 84.1358, 75.6488



43.4245, 29.1676, 42.8090



17.3241, 17.6054, 15.3895



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.



45.7411, 41.6862, 19.2716



57.0059, 49.5340, 17.2287



57.9318, 66.0677, 23.3352



14.2116, 14.7093, 14.3969



20.6918, 14.8215, 1.7703



1.5227, 1.2042, 0.1522

Inverse Universe

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



33.9605, 37.5700, 75.9824



39.6018, 43.4177, 100.9010



25.4010, 20.4510, 73.1293



13.5748, 14.4886, 17.4688



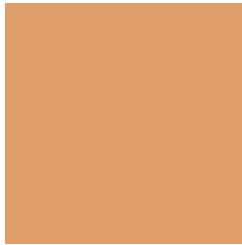
12.0982, 11.6660, 42.6625



0.9276, 0.9867, 2.9868

Previews

White Background



This preview shows how the XYZ color 45.7401, 41.6842, 19.2708 looks on a white background.

Color Contrast Check

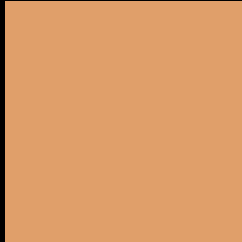
Large Text (above 18pt) WCAG AA × Fail

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 45.7401, 41.6842, 19.2708 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

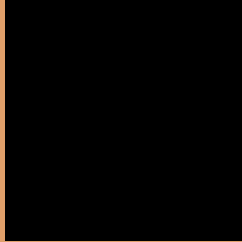
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 45.7401, 41.6842, 19.2708

Background



This preview shows how black text looks on a background with the XYZ color 45.7401, 41.6842, 19.2708.



This preview shows how white text looks on a background with the XYZ color 45.7401, 41.6842,

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

45.7401, 41.6842, 19.2708

Protanopia

38.5519, 41.7262, 21.0610

Deuteranopia

42.5833, 41.6318, 19.1560



Tritanopia

50.1522, 41.7588, 40.0673

Trichromacy



Original Color

45.7401, 41.6842, 19.2708

Protanomaly

40.8503, 41.5269, 20.3304

Deuteranomaly

43.6713, 41.6614, 19.1043

Tritanomaly

48.2824, 41.7266, 31.1005

Monochromacy



Original Color

45.7401, 41.6842, 19.2708

Achromatopsia

39.2122, 41.2543, 44.9259

Achromatomaly

40.6499, 40.8519, 33.7597

CSS Examples

Text

The CSS property to change the color of the text to XYZ 45.7401, 41.6842, 19.2708 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, 159, 106)` looks like.

```
.text, #text, p{  
    color:rgb(224, 159, 106)  
}
```

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, 159, 106) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(224, 159, 106) }
```

Border

The CSS property to change the border of an element to XYZ 45.7401, 41.6842, 19.2708 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, 159, 106) }
```


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

```
.border{ border-color:rgb(224, 159, 106) }
```

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

Here you see how a box with a 4 pixel `rgb(224, 159, 106)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(224, 159, 106); -webkit-box-  
shadow:4px 4px 4px 4px rgb(224, 159, 106);  
box-shadow:4px 4px 4px 4px rgb(224, 159,  
106) }
```

Background

The CSS property to change the background color of an element to XYZ 45.7401, 41.6842, 19.2708 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(224, 159, 106) }
```

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

```
.background{ background-color: rgb(224,  
159, 106) }
```

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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