

Converting Colors

XYZ(44.8009, 44.5203, 18.6038)

Have a look what the booklet for
XYZ(44.8009, 44.5203, 18.6038)
contains.

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Color

**XYZ(44.6434, 44.3615,
18.5216)**

Conversions

Conversions Part 1

Format	Color
Hex	D6AB65
RGB	214, 171, 101
RGB Percent	84%, 67%, 40%
CMY	0.1608, 0.3294, 0.6039
CMYK	0.00, 0.20, 0.53, 0.16
HSL	37°, 58%, 62%
HSV	37°, 53%, 84%
XYZ	44.6434, 44.3615, 18.5216
YIQ	175.8770, 48.0980, -12.6540

Conversions

Conversions Part 2

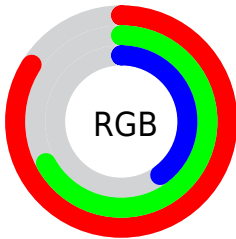
Format	Color
RYB	170, 214, 101
Decimal	14068581
CIELab	72.47, 7.33, 41.72
CIELCh	72, 42.357, 80.032
Yxy	44.3615, 0.4152, 0.4126
Android (android.graphics.Color)	4292258661 (0xFFD6AB65)
YUV	175.8770, -36.9144, 33.4339
Hunter-Lab	66.6044, 3.0866, 30.1355

Details

The XYZ color **44.6434, 44.3615, 18.5216** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **27.4773, 27.5672, 67.4909**, and the grayscale version is **41.3724, 43.5270, 47.4009**.

A 20% lighter version of the original color is **74.1861, 77.9526, 41.2733**, and **21.1213, 20.6097, 6.1137** is the 20% darker color. If you saturate the color by 10%, you get **42.2377, 41.0152, 13.2031**, and if you desaturate by 10%, it is **47.4190, 48.0108, 25.3110**.

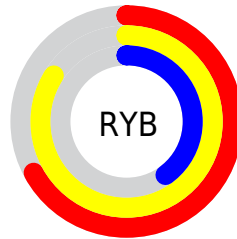
Distribution



Red (84%)

Green (67%)

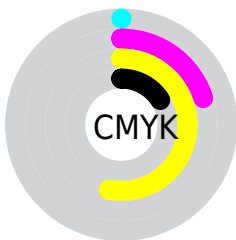
Blue (40%)



Red (67%)

Yellow (84%)

Blue (40%)

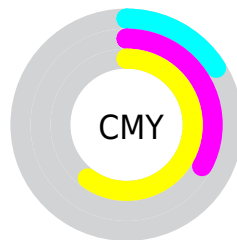


Cyan (0%)

Magenta (20%)

Yellow (53%)

Black (16%)



Cyan (16%)


Magenta (33%)


Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 44.6434, 44.3615, 18.5216 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 44.6434, 44.3615, 18.5216 by changing the saturation by 10% instead.


 44.6434, 44.3615,
18.5216


 44.6434, 44.3615,
18.5216


356.1354,
364.1814, 256.1289

 31.3767, 30.9548,
11.1518


 81.4254, 81.7614,
41.7500


 21.0391, 20.5644,
6.0536


 105.6714,
106.5235, 58.4457

 13.2652, 12.8060,
2.8084


 134.3080,
135.8394, 79.0871

 7.6897, 7.2951,
0.9976

 167.7003,
170.0936, 104.0928

 3.9472, 3.6473,
0.0000

206.2139,
209.6706, 133.8813

 1.6723, 1.4783,
0.0000

250.2141,

 0.4388, 0.2734,

254.9546, 168.8711

0.0000

300.0661,
306.3301, 209.4808

■ 0.0000, 0.0000,
0.0000

■ 44.6434, 44.3615,
18.5216

■ 44.6434, 44.3615,
18.5216

■ 42.2377, 41.0152,
13.2031

■ 47.4190, 48.0108,
25.3110

■ 40.1752, 37.9535,
9.2383

■ 50.5823, 51.9676,
33.6711

■ 38.4305, 35.1650,
6.4960

■ 54.1536, 56.2445,
43.6959

■ 36.9717, 32.6340,
4.8175

■ 58.1505, 60.8510,
55.4711

■ 36.0610, 30.9552,
4.0743

■ 62.5898, 65.7961,
69.0768

■ 67.4870, 71.0886,
84.5878

■ 72.8568, 76.7367,
102.0748

■ 75.8186, 81.5904,
106.3602

■ 78.2186, 86.3904,
107.1602

Harmonies

Analogous

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



51.8489, 44.3615, 23.5606



44.6434, 44.3615, 18.5216



37.5322, 44.3615, 19.5027

Triad

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



44.6434, 44.3615, 18.5216



30.2936, 44.3615, 63.4385



53.8751, 44.3615, 79.0347

Complementary

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



44.6434, 44.3615, 18.5216



27.4773, 27.5672, 67.4909

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.



47.1626, 44.3615, 96.8271



44.6434, 44.3615, 18.5216



33.7676, 44.3615, 86.1702

Square

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



44.6434, 44.3615, 18.5216



29.7848, 44.3615, 41.6663



39.7787, 44.3615, 99.7608



57.5715, 44.3615, 55.6075

Rectangle

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



44.6434, 44.3615, 18.5216



33.7572, 44.3615, 23.5785



39.7787, 44.3615, 99.7608



51.8627, 44.3615, 86.1277

Sweetspot

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



44.6445, 44.3636, 18.5225



84.4093, 88.1374, 76.3157



37.4437, 25.6272, 29.4861



17.8008, 18.5589, 15.5485



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.



44.6445, 44.3636, 18.5225



62.5401, 60.6023, 19.0734



50.4336, 61.4247, 21.5105



13.0575, 13.6892, 13.1148



21.8999, 18.9170, 2.4971



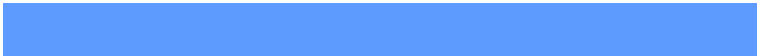
1.3996, 1.2985, 0.1769

Inverse Universe

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



27.4773, 27.5672, 67.4909



34.5027, 33.2194, 99.2012



23.7550, 17.7526, 65.7926



12.1260, 12.7755, 15.7643



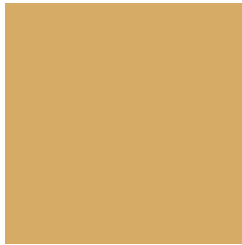
9.2270, 6.7159, 39.2631



0.6352, 0.5624, 2.3944

Previews

White Background



This preview shows how the XYZ color 44.6434, 44.3615, 18.5216 looks on a white background.

Color Contrast Check

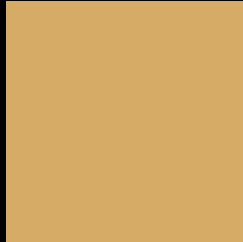
Large Text (above 18pt) WCAG AA × Fail

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 44.6434, 44.3615, 18.5216 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 44.6434, 44.3615, 18.5216

Background



This preview shows how black text looks on a background with the XYZ color 44.6434, 44.3615, 18.5216.



This preview shows how white text looks on a background with the XYZ color 44.6434, 44.3615,

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

44.6434, 44.3615, 18.5216

Protanopia

40.9248, 44.4424, 19.5180

Deuteranopia

45.3390, 44.4407, 18.5002



Tritanopia

50.1734, 44.1515, 46.4351

Trichromacy



Original Color

44.6434, 44.3615, 18.5216

Protanomaly

42.1353, 44.1958, 19.1418

Deuteranomaly

45.0426, 44.2880, 18.4863

Tritanomaly

47.7139, 43.9538, 33.9861

Monochromacy



Original Color

44.6434, 44.3615, 18.5216

Achromatopsia

41.2663, 43.4154, 47.2793

Achromatomaly

41.7961, 43.3892, 34.6058

CSS Examples

Text

The CSS property to change the color of the text to XYZ 44.6434, 44.3615, 18.5216 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, 171, 101)` looks like.

```
.text, #text, p{  
    color:rgb(214, 171, 101)  
}
```

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, 171, 101) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(214, 171, 101) }
```

Border

The CSS property to change the border of an element to XYZ 44.6434, 44.3615, 18.5216 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, 171, 101) }
```


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

```
.border{ border-color:rgb(214, 171, 101) }
```

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

Here you see how a box with a 4 pixel `rgb(214, 171, 101)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(214, 171, 101); -webkit-box-  
shadow:4px 4px 4px 4px rgb(214, 171, 101);  
box-shadow:4px 4px 4px 4px rgb(214, 171,  
101) }
```

Background

The CSS property to change the background color of an element to XYZ 44.6434, 44.3615, 18.5216 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(214, 171, 101) }
```

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

```
.background{ background-color: rgb(214,  
171, 101) }
```

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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