

Converting Colors

XYZ(38.6378, 36.1625, 17.3078)

Have a look what the booklet for
XYZ(38.6378, 36.1625, 17.3078)
contains.

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Color

**XYZ(38.5924, 36.0519,
17.2366)**

Conversions

Conversions Part 1

Format	Color
Hex	CD9765
RGB	205, 151, 101
RGB Percent	80%, 59%, 40%
CMY	0.1961, 0.4078, 0.6039
CMYK	0.00, 0.26, 0.51, 0.20
HSL	29°, 51%, 60%
HSV	29°, 51%, 80%
XYZ	38.5924, 36.0519, 17.2366
YIQ	161.4460, 48.2340, -4.1020

Conversions

Conversions Part 2

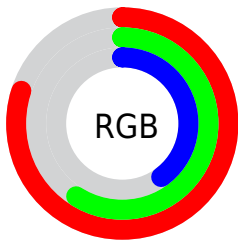
Format	Color
RYB	205, 197, 101
Decimal	13473637
CIELab	66.56, 14.39, 34.15
CIELCh	67, 37.059, 67.157
Yxy	36.0519, 0.4200, 0.3924
Android (android.graphics.Color)	4291663717 (0xFFCD9765)
YUV	161.4460, -29.7999, 38.1969
Hunter-Lab	60.0432, 9.6541, 25.0099

Details

The XYZ color **38.5924, 36.0519, 17.2366** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **28.1071, 30.6159, 62.1855**, and the grayscale version is **34.2034, 35.9847, 39.1873**.

A 20% lighter version of the original color is **68.8211, 67.2226, 39.4850**, and **17.4125, 15.6673, 5.4745** is the 20% darker color. If you saturate the color by 10%, you get **36.0744, 32.4279, 12.0448**, and if you desaturate by 10%, it is **41.5173, 40.0890, 23.8006**.

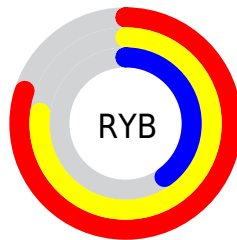
Distribution



Red (80%)

Green (59%)

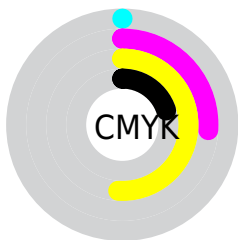
Blue (40%)



Red (80%)

Yellow (77%)

Blue (40%)

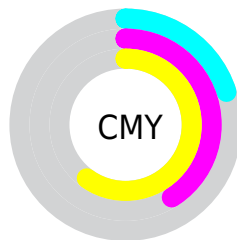


Cyan (0%)

Magenta (26%)

Yellow (51%)

Black (20%)



Cyan (20%)


Magenta (41%)


Yellow (60%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 38.5924, 36.0519, 17.2366 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 38.5924, 36.0519, 17.2366 by changing the saturation by 10% instead.


 38.5924, 36.0519,
17.2366


 38.5924, 36.0519,
17.2366


331.3915,
329.1873, 248.6221


 26.6221, 24.4743,
10.2396


 72.3133, 69.1122,
39.5283


 17.4247, 15.6858,
5.4504


 94.7946, 91.3636,
55.6601

 10.6349, 9.3021,
2.4506


 121.5102,
117.9418, 75.6740

 5.8874, 4.9388,
0.8138

 152.8256,
149.2311, 99.9883

 2.8167, 2.2114,
0.0000

189.1061,
185.6159, 129.0218

 1.0576, 0.7262,
0.0000

230.7170,

 0.0000, 0.0000,

227.4806, 163.1929

0.0000

278.0237,
275.2096, 202.9201

■ 38.5924, 36.0519,
17.2366

■ 38.5924, 36.0519,
17.2366

■ 36.0744, 32.4279,
12.0448

■ 41.5173, 40.0890,
23.8006

■ 33.9377, 29.1959,
8.1219

■ 44.8675, 44.5484,
31.8258

■ 32.1572, 26.3405,
5.3527

■ 48.6632, 49.4459,
41.3958

■ 30.7026, 23.8426,
3.6001

■ 52.9223, 54.7943,
52.5876

■ 29.5977, 21.8209,
2.6519

■ 57.6618, 60.6061,
65.4728

■ 62.8976, 66.8932,
80.1187

■ 68.6451, 73.6670,
96.5889

■ 73.2659, 80.2775,
106.2413

■ 76.4249, 86.5954,
107.2943

Harmonies

Analogous

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



43.5259, 36.0519, 23.4955



38.5924, 36.0519, 17.2366



32.9497, 36.0519, 16.0155

Triad

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



38.5924, 36.0519, 17.2366



24.7041, 36.0519, 43.1995



41.1475, 36.0519, 69.1100

Complementary

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



38.5924, 36.0519, 17.2366



28.1071, 30.6159, 62.1855

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.



35.6174, 36.0519, 78.2095



38.5924, 36.0519, 17.2366



26.4228, 36.0519, 60.8373

Square

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



38.5924, 36.0519, 17.2366



25.3170, 36.0519, 28.5147



30.2761, 36.0519, 74.8304



45.1091, 36.0519, 52.4000

Rectangle

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



38.5924, 36.0519, 17.2366



29.6086, 36.0519, 17.8063



30.2761, 36.0519, 74.8304



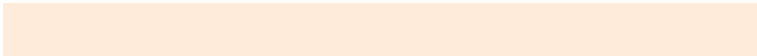
39.3884, 36.0519, 73.3408

Sweetspot

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



38.5933, 36.0537, 17.2373



83.4806, 85.7543, 77.6276



35.8710, 24.7029, 34.5379



17.5514, 17.9564, 15.7845



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.



38.5933, 36.0537, 17.2373



58.6963, 52.5346, 18.9641



48.5370, 55.9410, 20.5519



11.6499, 12.0888, 11.7988



18.5199, 13.7727, 1.6823



1.0313, 0.8622, 0.1121

Inverse Universe

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



28.1071, 30.6159, 62.1855



39.6085, 42.6252, 100.7476



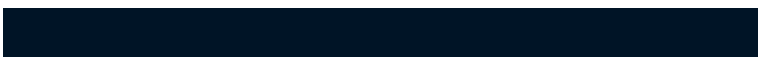
21.3840, 17.1697, 59.9445



11.0755, 11.7914, 14.2626



10.1922, 9.4084, 37.2351



0.6016, 0.6369, 1.9462

Previews

White Background



This preview shows how the XYZ color 38.5924, 36.0519, 17.2366 looks on a white background.

Color Contrast Check

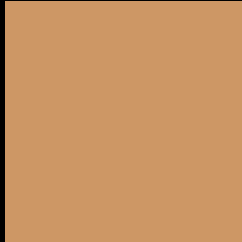
Large Text (above 18pt) WCAG AA × Fail

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 38.5924, 36.0519, 17.2366 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 38.5924, 36.0519, 17.2366

Background



This preview shows how black text looks on a background with the XYZ color 38.5924, 36.0519, 17.2366.



This preview shows how white text looks on a background with the XYZ color 38.5924, 36.0519,

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

38.5924, 36.0519, 17.2366

Protanopia

33.3746, 36.0907, 18.5718

Deuteranopia

36.7865, 36.0986, 17.0854



Tritanopia

42.4680, 36.0147, 35.7236

Trichromacy



Original Color

38.5924, 36.0519, 17.2366

Protanomaly

35.2191, 36.0180, 18.1926

Deuteranomaly

37.4090, 36.1734, 17.0671

Tritanomaly

40.8193, 36.0266, 27.7241

Monochromacy



Original Color

38.5924, 36.0519, 17.2366

Achromatopsia

33.8758, 35.6400, 38.8120

Achromatomaly

34.8486, 35.3251, 29.4078

CSS Examples

Text

The CSS property to change the color of the text to XYZ 38.5924, 36.0519, 17.2366 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(205, 151, 101)` looks like.

```
.text, #text, p{  
    color:rgb(205, 151, 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(205, 151, 101) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(205, 151, 101) }
```

Border

The CSS property to change the border of an element to XYZ 38.5924, 36.0519, 17.2366 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(205, 151, 101) }
```


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

```
.border{ border-color:rgb(205, 151, 101) }
```

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

Here you see how a box with a 4 pixel `rgb(205, 151, 101)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(205, 151, 101); -webkit-box-  
shadow:4px 4px 4px 4px rgb(205, 151, 101);  
box-shadow:4px 4px 4px 4px rgb(205, 151,  
101) }
```

Background

The CSS property to change the background color of an element to XYZ 38.5924, 36.0519, 17.2366 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(205, 151, 101) }
```

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

```
.background{ background-color: rgb(205,  
151, 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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