

Converting Colors

XYZ(36.7663, 35.5924, 17.2496)

Have a look what the booklet for
XYZ(36.7663, 35.5924, 17.2496)
contains.

XYZ(36.7662, 35.5924, 17.2441)	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(36.7662, 35.5924,
17.2441)**

Conversions

Conversions Part 1

Format	Color
Hex	C59965
RGB	197, 153, 101
RGB Percent	77%, 60%, 40%
CMY	0.2275, 0.4000, 0.6039
CMYK	0.00, 0.22, 0.49, 0.23
HSL	33°, 45%, 58%
HSV	33°, 49%, 77%
XYZ	36.7662, 35.5924, 17.2441
YIQ	160.2280, 42.9160, -6.8440

Conversions

Conversions Part 2

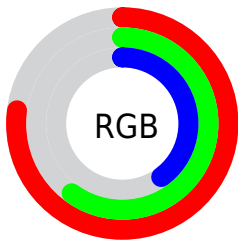
Format	Color
RYB	182, 197, 101
Decimal	12949861
CIELab	66.21, 9.97, 33.53
CIElCh	66, 34.980, 73.440
Yxy	35.5924, 0.4103, 0.3972
Android (android.graphics.Color)	4291139941 (0xFFC59965)
YUV	160.2280, -29.1994, 32.2490
Hunter-Lab	59.6594, 5.6001, 24.6242

Details

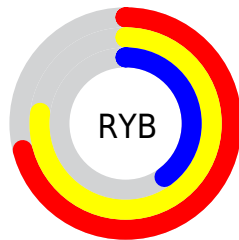
The XYZ color **36.7662, 35.5924, 17.2441** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **25.5698, 27.0476, 56.6963**, and the grayscale version is **33.6363, 35.3880, 38.5375**.

A 20% lighter version of the original color is **69.3026, 68.1856, 39.6455**, and **16.3785, 15.4225, 5.4818** is the 20% darker color. If you saturate the color by 10%, you get **34.4923, 32.4085, 12.2815**, and if you desaturate by 10%, it is **39.3851, 39.0959, 23.4638**.

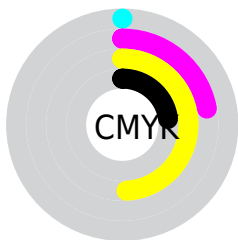
Distribution



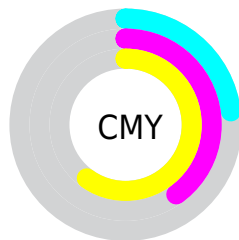
- Red (77%)
- Green (60%)
- Blue (40%)



- Red (71%)
- Yellow (77%)
- Blue (40%)



- Cyan (0%)
- Magenta (22%)
- Yellow (49%)
- Black (23%)





- Cyan (23%)
- Magenta (40%)
- Yellow (60%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 36.7662, 35.5924, 17.2441 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 36.7662, 35.5924, 17.2441 by changing the saturation by 10% instead.


 36.7662, 35.5924,
17.2441


 36.7662, 35.5924,
17.2441


323.6703,
327.1755, 248.6665


 25.1994, 24.1196,
10.2449


 69.5292, 68.4025,
39.5414


 16.3552, 15.4223,
5.4539


 91.4561, 90.5085,
55.6765

 9.8683, 9.1163,
2.4526

 117.5671,
116.9277, 75.6941

 5.3733, 4.8171,
0.8149

 148.2275,
148.0445, 100.0125

 2.5049, 2.1404,
0.0000

183.8026,
184.2433, 129.0505

 0.8977, 0.6872,
0.0000

224.6579,

 0.0000, 0.0000,

225.9085, 163.2264

0.0000

271.1587,
273.4244, 202.9589

■ 36.7662, 35.5924,
17.2441

■ 36.7662, 35.5924,
17.2441

■ 34.4923, 32.4085,
12.2815

■ 39.3851, 39.0959,
23.4638

■ 32.5414, 29.5274,
8.4845

■ 42.3638, 42.9248,
31.0189

■ 30.8928, 26.9382,
5.7526


■ 45.7194, 47.0908,
39.9840


■ 29.5215, 24.6265,
3.9667


■ 49.4670, 51.6035,
50.4273


■ 28.3879, 22.5723,
2.9325


■ 53.6206, 56.4723,
62.4127

 28.2543, 22.3269,
2.8204

 58.1938, 61.7057,
76.0002

 63.1992, 67.3122,
91.2466

 68.0636, 73.0657,
105.1235

 70.5726, 78.0836,
105.9598

Harmonies

Analogous

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



41.6381, 35.5924, 22.1834



36.7662, 35.5924, 17.2441



31.5539, 35.5924, 17.0095

Triad

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



36.7662, 35.5924, 17.2441



24.9907, 35.5924, 45.8130



41.1966, 35.5924, 63.5446

Complementary

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



36.7662, 35.5924, 17.2441



25.5698, 27.0476, 56.6963

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.



36.2120, 35.5924, 73.8964



36.7662, 35.5924, 17.2441



27.0638, 35.5924, 62.0207

Square

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



36.7662, 35.5924, 17.2441



25.1063, 35.5924, 31.1377



31.0535, 35.5924, 73.2764



44.3702, 35.5924, 47.5210

Rectangle

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



36.7662, 35.5924, 17.2441



28.6034, 35.5924, 19.4031



31.0535, 35.5924, 73.2764



39.6563, 35.5924, 67.9671

Sweetspot

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



36.7671, 35.5941, 17.2448



84.1525, 87.0980, 77.8516



32.8526, 23.2471, 29.8685



17.7130, 18.2797, 15.8384



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.



36.7671, 35.5941, 17.2448



61.7161, 57.9575, 21.8717



44.5121, 52.3150, 20.0641



11.1019, 11.5729, 11.2114



18.6685, 14.8543, 1.8832



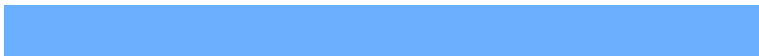
0.9558, 0.8470, 0.1131

Inverse Universe

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



25.5698, 27.0476, 56.6963



39.4321, 40.9654, 100.4366



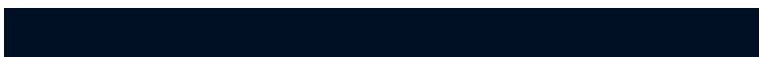
20.4642, 16.2940, 54.8898



10.4504, 11.0750, 13.5044



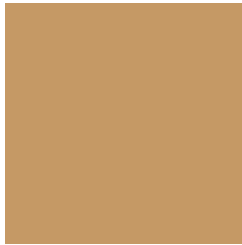
9.1308, 7.6555, 35.7408



0.5046, 0.5069, 1.7164

Previews

White Background



This preview shows how the XYZ color 36.7662, 35.5924, 17.2441 looks on a white background.

Color Contrast Check

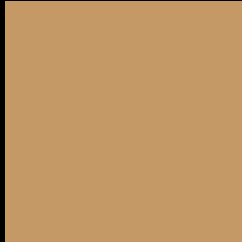
Large Text (above 18pt) WCAG AA × Fail

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 36.7662, 35.5924, 17.2441 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 36.7662, 35.5924, 17.2441

Background



This preview shows how black text looks on a background with the XYZ color 36.7662, 35.5924, 17.2441.



This preview shows how white text looks on a background with the XYZ color 36.7662, 35.5924,

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

36.7662, 35.5924, 17.2441

Protanopia

32.9228, 35.6032, 18.2336

Deuteranopia

36.4102, 35.6529, 17.2746



Tritanopia

40.7218, 35.5486, 36.6136

Trichromacy



Original Color

36.7662, 35.5924, 17.2441

Protanomaly

34.2035, 35.5003, 17.8815

Deuteranomaly

36.6695, 35.7866, 17.2867

Tritanomaly

39.0822, 35.5804, 28.4748

Monochromacy



Original Color

36.7662, 35.5924, 17.2441

Achromatopsia

33.4132, 35.1533, 38.2819

Achromatomaly

33.9508, 34.8623, 29.3658

CSS Examples

Text

The CSS property to change the color of the text to XYZ 36.7662, 35.5924, 17.2441 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(197, 153, 101)` looks like.

```
.text, #text, p{  
    color:rgb(197, 153, 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(197, 153, 101) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(197, 153, 101) }
```

Border

The CSS property to change the border of an element to XYZ 36.7662, 35.5924, 17.2441 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(197, 153, 101) }
```


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

```
.border{ border-color:rgb(197, 153, 101) }
```

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

Here you see how a box with a 4 pixel `rgb(197, 153, 101)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(197, 153, 101); -webkit-box-  
shadow:4px 4px 4px 4px rgb(197, 153, 101);  
box-shadow:4px 4px 4px 4px rgb(197, 153,  
101) }
```

Background

The CSS property to change the background color of an element to XYZ 36.7662, 35.5924, 17.2441 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(197, 153, 101) }
```

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

```
.background{ background-color: rgb(197,  
153, 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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