

Converting Colors

XYZ(36.7865, 36.0986, 17.0854)

Have a look what the booklet for
XYZ(36.7865, 36.0986, 17.0854)
contains.

XYZ(36.7865, 36.0986, 17.0854)	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(36.7865, 36.0986,
17.0854)**

Conversions

Conversions Part 1

Format	Color
Hex	C49B64
RGB	196, 155, 100
RGB Percent	77%, 61%, 39%
CMY	0.2314, 0.3921, 0.6078
CMYK	0.00, 0.21, 0.49, 0.23
HSL	34°, 45%, 58%
HSV	34°, 49%, 77%
XYZ	36.7865, 36.0986, 17.0854
YIQ	160.9890, 42.0910, -8.4130

Conversions

Conversions Part 2

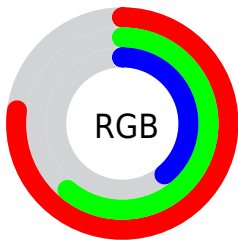
Format	Color
RYB	172, 196, 100
Decimal	12884836
CIELab	66.60, 8.37, 34.53
CIElCh	67, 35.530, 76.382
Yxy	36.0986, 0.4089, 0.4012
Android (android.graphics.Color)	4291074916 (0xFFC49B64)
YUV	160.9890, -30.0676, 30.7046
Hunter-Lab	60.0821, 4.1466, 25.1973

Details

The XYZ color **36.7865, 36.0986, 17.0854** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **24.7436, 25.7433, 55.8890**, and the grayscale version is **33.9936, 35.7639, 38.9469**.

A 20% lighter version of the original color is **69.3410, 68.9388, 39.3576**, and **16.3854, 15.7240, 5.4202** is the 20% darker color. If you saturate the color by 10%, you get **34.6048, 33.0751, 12.2277**, and if you desaturate by 10%, it is **39.2947, 39.4099, 23.1786**.

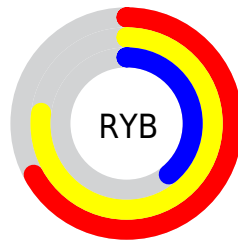
Distribution



Red (77%)

Green (61%)

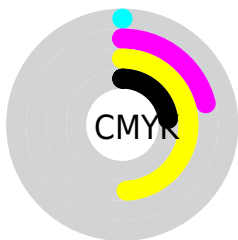
Blue (39%)



Red (67%)

Yellow (77%)

Blue (39%)

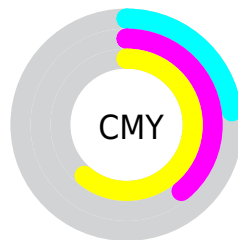


Cyan (0%)

Magenta (21%)

Yellow (49%)

Black (23%)



Cyan (23%)


Magenta (39%)


Yellow (61%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 36.7865, 36.0986, 17.0854 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 36.7865, 36.0986, 17.0854 by changing the saturation by 10% instead.


 36.7865, 36.0986,
17.0854


 36.7865, 36.0986,
17.0854


323.7569,
329.3913, 247.7246


 25.2151, 24.5104,
10.1328


 69.5603, 69.1842,
39.2652

 16.3670, 15.7126,
5.3803

 91.4934, 91.4504,
55.3295

 9.8767, 9.3210,
2.4095


 117.6111,
118.0447, 75.2681

 5.3789, 4.9512,
0.7916

 148.2789,
149.3514, 99.4995

 2.5083, 2.2186,
0.0000

183.8620,
185.7551, 128.4424

 0.8994, 0.7301,
0.0000

224.7258,

 0.0000, 0.0000,

227.6400, 162.5151

0.0000

271.2356,
275.3906, 202.1364

■ 36.7865, 36.0986,
17.0854

■ 36.7865, 36.0986,
17.0854

■ 34.6048, 33.0751,
12.2277

■ 39.2947, 39.4099,
23.1786

■ 32.7285, 30.3238,
8.5150

■ 42.1438, 43.0137,
30.5846

■ 31.1374, 27.8349,
5.8479


■ 45.3500, 46.9209,
39.3770


■ 29.8073, 25.5951,
4.1084


■ 48.9279, 51.1400,
49.6232


■ 28.6984, 23.5853,
3.0973


■ 52.8912, 55.6793,
61.3863

 28.5923, 23.3908,
3.0079

 57.2525, 60.5467,
74.7255

 62.0241, 65.7496,
89.6968

 66.9264, 71.1789,
104.8192

 69.2045, 75.7350,
105.5786

Harmonies

Analogous

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



41.8961, 36.0986, 21.6220



36.7865, 36.0986, 17.0854



31.4941, 36.0986, 17.2971

Triad

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



36.7865, 36.0986, 17.0854



25.3687, 36.0986, 48.2005



42.2978, 36.0986, 63.2937

Complementary

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



36.7865, 36.0986, 17.0854



24.7436, 25.7433, 55.8890

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.



37.2903, 36.0986, 74.8259



36.7865, 36.0986, 17.0854



27.7009, 36.0986, 64.6827

Square

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



36.7865, 36.0986, 17.0854



25.2639, 36.0986, 32.7775



31.9484, 36.0986, 75.3917



45.2941, 36.0986, 46.6468

Rectangle

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



36.7865, 36.0986, 17.0854



28.5709, 36.0986, 20.0591



31.9484, 36.0986, 75.3917



40.7718, 36.0986, 68.0665

Sweetspot

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



36.7874, 36.1003, 17.0861



84.5007, 87.7944, 77.9676



32.1747, 22.7913, 28.1376



17.7969, 18.4474, 15.8664



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.



36.7874, 36.1003, 17.0861



62.3438, 59.4248, 21.4279



43.1754, 51.2954, 19.6824



10.5415, 11.0145, 10.6323



18.4588, 15.2033, 1.9616



0.8648, 0.7914, 0.1072

Inverse Universe

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



24.7436, 25.7433, 55.8890



37.9731, 38.4964, 100.0369



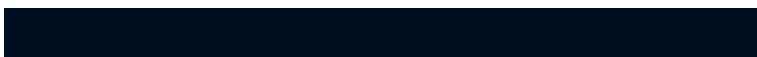
20.5127, 16.1889, 54.2679



9.8740, 10.4394, 12.7794



8.5059, 6.7684, 34.4147



0.4358, 0.4289, 1.5097

Previews

White Background



This preview shows how the XYZ color 36.7865, 36.0986, 17.0854 looks on a white background.

Color Contrast Check

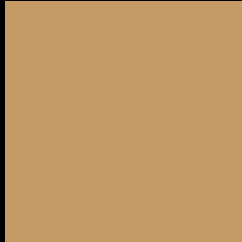
Large Text (above 18pt) WCAG AA × Fail

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 36.7865, 36.0986, 17.0854 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 36.7865, 36.0986, 17.0854

Background



This preview shows how black text looks on a background with the XYZ color 36.7865, 36.0986, 17.0854.



This preview shows how white text looks on a background with the XYZ color 36.7865, 36.0986,

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

36.7865, 36.0986, 17.0854

Protanopia

33.5000, 36.1670, 18.0473

Deuteranopia

36.7865, 36.0986, 17.0854



Tritanopia

40.9353, 36.1005, 37.6115

Trichromacy



Original Color

36.7865, 36.0986, 17.0854

Protanomaly

34.5636, 35.9459, 17.6869

Deuteranomaly

36.7865, 36.0986, 17.0854

Tritanomaly

39.2072, 36.1103, 28.9483

Monochromacy



Original Color

36.7865, 36.0986, 17.0854

Achromatopsia

33.8758, 35.6400, 38.8120

Achromatomaly

34.5139, 35.6590, 29.4899

CSS Examples

Text

The CSS property to change the color of the text to XYZ 36.7865, 36.0986, 17.0854 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(196, 155, 100)` looks like.

```
.text, #text, p{  
    color:rgb(196, 155, 100)  
}
```

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(196, 155, 100) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(196, 155, 100) }
```

Border

The CSS property to change the border of an element to XYZ 36.7865, 36.0986, 17.0854 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(196, 155, 100) }
```


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

```
.border{ border-color:rgb(196, 155, 100) }
```

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

Here you see how a box with a 4 pixel `rgb(196, 155, 100)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(196, 155, 100); -webkit-box-  
shadow:4px 4px 4px 4px rgb(196, 155, 100);  
box-shadow:4px 4px 4px 4px rgb(196, 155,  
100) }
```

Background

The CSS property to change the background color of an element to XYZ 36.7865, 36.0986, 17.0854 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(196, 155, 100) }
```

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

```
.background{ background-color: rgb(196,  
155, 100) }
```

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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