

Converting Colors

XYZ(36.7084, 35.8020, 18.1717)

Have a look what the booklet for
XYZ(36.7084, 35.8020, 18.1717)
contains.

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Color

**XYZ(36.5600, 35.7128,
18.0630)**

Conversions

Conversions Part 1

Format	Color
Hex	C39A68
RGB	195, 154, 104
RGB Percent	76%, 60%, 41%
CMY	0.2353, 0.3961, 0.5922
CMYK	0.00, 0.21, 0.47, 0.24
HSL	33°, 43%, 59%
HSV	33°, 47%, 76%
XYZ	36.5600, 35.7128, 18.0630
YIQ	160.5590, 40.4860, -6.8580

Conversions

Conversions Part 2

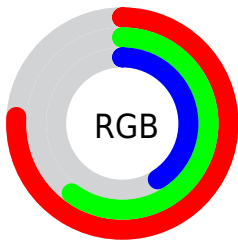
Format	Color
RYB	179, 195, 104
Decimal	12819048
CIELab	66.30, 8.89, 32.00
CIElCh	66, 33.214, 74.477
Yxy	35.7128, 0.4047, 0.3953
Android (android.graphics.Color)	4291009128 (0xFFC39A68)
YUV	160.5590, -27.8836, 30.2048
Hunter-Lab	59.7602, 4.6221, 23.9112

Details

The XYZ color **36.5600, 35.7128, 18.0630** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **25.6842, 27.1329, 55.5132**, and the grayscale version is **33.7845, 35.5439, 38.7073**.

A 20% lighter version of the original color is **69.0646, 68.3947, 41.0139**, and **16.2115, 15.4750, 5.8739** is the 20% darker color. If you saturate the color by 10%, you get **34.2847, 32.5683, 12.9702**, and if you desaturate by 10%, it is **39.1722, 39.1646, 24.3988**.

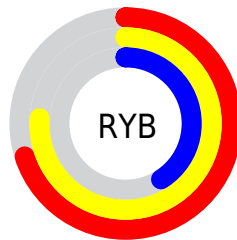
Distribution



Red (76%)

Green (60%)

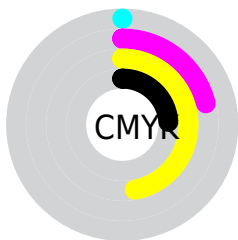
Blue (41%)



Red (70%)

Yellow (76%)

Blue (41%)

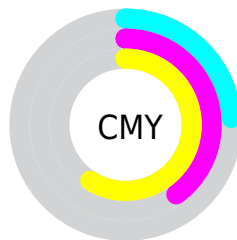


Cyan (0%)

Magenta (21%)

Yellow (47%)

Black (24%)



Cyan (24%)


Magenta (40%)

Yellow (59%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 36.5600, 35.7128, 18.0630 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 36.5600, 35.7128, 18.0630 by changing the saturation by 10% instead.


 36.5600, 35.7128,
18.0630


 36.5600, 35.7128,
18.0630


322.7903,
327.7035, 253.4739


 25.0391, 24.2125,
10.8253


 69.2138, 68.5885,
40.9600


 16.2351, 15.4913,
5.8368


 91.0774, 90.7328,
57.4565

 9.7826, 9.1649,
2.6789


 117.1193,
117.1937, 77.8762

 5.3162, 4.8489,
0.9328

 147.7048,
148.3558, 102.6379

 2.4706, 2.1589,
0.0000

183.1993,
184.6034, 132.1599

 0.8805, 0.6974,
0.0000

223.9681,

 0.0000, 0.0000,

226.3210, 166.8609

0.0000

270.3767,
273.8929, 207.1594

■ 36.5600, 35.7128,
18.0630

■ 36.5600, 35.7128,
18.0630

■ 34.2847, 32.5683,
12.9702

■ 39.1722, 39.1646,
24.3988

■ 32.3255, 29.7151,
9.0331

■ 42.1354, 42.9287,
32.0525

■ 30.6627, 27.1429,
6.1565

■ 45.4658, 47.0164,
41.0954

■ 29.2730, 24.8385,
4.2288

■ 49.1779, 51.4368,
51.5931

■ 28.1260, 22.7858,
3.1024

■ 53.2852, 56.1984,
63.6071

■ 27.7793, 22.1493,
2.8111

■ 57.8005, 61.3096,
77.1951

■ 62.7360, 66.7783,
92.4121

■ 67.2875, 72.2857,
105.0138

■ 69.7138, 77.1383,
105.8226

Harmonies

Analogous

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



41.2116, 35.7128, 22.7199



36.5600, 35.7128, 18.0630



31.6157, 35.7128, 17.9858

Triad

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



36.5600, 35.7128, 18.0630



25.5239, 35.7128, 46.1188



41.0718, 35.7128, 61.8039

Complementary

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



36.5600, 35.7128, 18.0630



25.6842, 27.1329, 55.5132

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.



36.3838, 35.7128, 71.7687



36.5600, 35.7128, 18.0630



27.5853, 35.7128, 61.3254

Square

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



36.5600, 35.7128, 18.0630



25.5611, 35.7128, 32.0258



31.4558, 35.7128, 71.5749



43.9843, 35.7128, 46.6600

Rectangle

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



36.5600, 35.7128, 18.0630



28.8277, 35.7128, 20.4396



31.4558, 35.7128, 71.5749



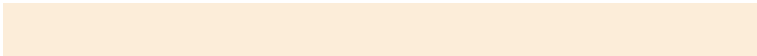
39.6323, 35.7128, 66.0175

Sweetspot

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



36.5609, 35.7145, 18.0637



82.9941, 86.0903, 77.9615



32.6809, 23.5929, 30.2166



17.8668, 18.4821, 16.2137



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.



36.5609, 35.7145, 18.0637



61.3280, 58.2218, 23.0671



43.7436, 51.2318, 20.6803



10.5216, 10.9747, 10.6257



18.1400, 14.5658, 1.8554



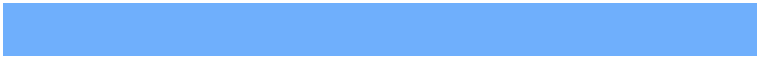
0.8518, 0.7655, 0.1029

Inverse Universe

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



25.6842, 27.1329, 55.5132



39.4919, 41.0104, 98.3041



20.8684, 16.9690, 53.8052



9.8936, 10.4785, 12.7859



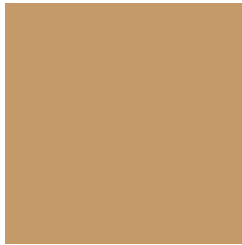
8.7437, 7.2440, 34.4940



0.4465, 0.4504, 1.5133

Previews

White Background



This preview shows how the XYZ color 36.5600, 35.7128, 18.0630 looks on a white background.

Color Contrast Check

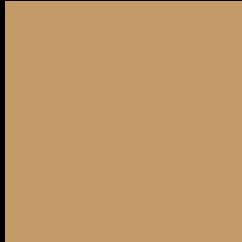
Large Text (above 18pt) WCAG AA × Fail

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 36.5600, 35.7128, 18.0630 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 36.5600, 35.7128, 18.0630

Background



This preview shows how black text looks on a background with the XYZ color 36.5600, 35.7128, 18.0630.



This preview shows how white text looks on a background with the XYZ color 36.5600, 35.7128,

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

36.5600, 35.7128, 18.0630

Protanopia

33.0779, 35.6652, 19.0506

Deuteranopia

36.3024, 35.5800, 18.0510



Tritanopia

40.4247, 35.6154, 37.0916

Trichromacy



Original Color

36.5600, 35.7128, 18.0630

Protanomaly

34.1198, 35.4394, 18.6779

Deuteranomaly

36.3024, 35.5800, 18.0510

Tritanomaly

38.7825, 35.6534, 28.8825

Monochromacy



Original Color

36.5600, 35.7128, 18.0630

Achromatopsia

33.8758, 35.6400, 38.8120

Achromatomaly

34.1941, 35.2314, 29.8091

CSS Examples

Text

The CSS property to change the color of the text to XYZ 36.5600, 35.7128, 18.0630 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(195, 154, 104)` looks like.

```
.text, #text, p{  
    color:rgb(195, 154, 104)  
}
```

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(195, 154, 104) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(195, 154, 104) }
```

Border

The CSS property to change the border of an element to XYZ 36.5600, 35.7128, 18.0630 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(195, 154, 104) }
```


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

```
.border{ border-color:rgb(195, 154, 104) }
```

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

Here you see how a box with a 4 pixel `rgb(195, 154, 104)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(195, 154, 104); -webkit-box-  
shadow:4px 4px 4px 4px rgb(195, 154, 104);  
box-shadow:4px 4px 4px 4px rgb(195, 154,  
104) }
```

Background

The CSS property to change the background color of an element to XYZ 36.5600, 35.7128, 18.0630 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(195, 154, 104) }
```

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

```
.background{ background-color: rgb(195,  
154, 104) }
```

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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