

Converting Colors

XYZ(36.6851, 35.8819, 16.9742)

Have a look what the booklet for
XYZ(36.6851, 35.8819, 16.9742)
contains.

XYZ(36.6208, 35.7671, 17.0302)	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(36.6208, 35.7671,
17.0302)**

Conversions

Conversions Part 1

Format	Color
Hex	C49A64
RGB	196, 154, 100
RGB Percent	77%, 60%, 39%
CMY	0.2314, 0.3961, 0.6078
CMYK	0.00, 0.21, 0.49, 0.23
HSL	34°, 45%, 58%
HSV	34°, 49%, 77%
XYZ	36.6208, 35.7671, 17.0302
YIQ	160.4020, 42.3660, -7.8900

Conversions

Conversions Part 2

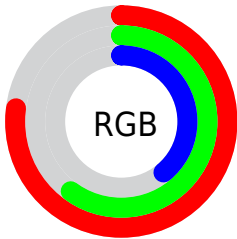
Format	Color
RYB	175, 196, 100
Decimal	12884580
CIELab	66.34, 8.91, 34.21
CIElCh	66, 35.352, 75.401
Yxy	35.7671, 0.4095, 0.4000
Android (android.graphics.Color)	4291074660 (0xFFC49A64)
YUV	160.4020, -29.7782, 31.2194
Hunter-Lab	59.8056, 4.6412, 24.9805

Details

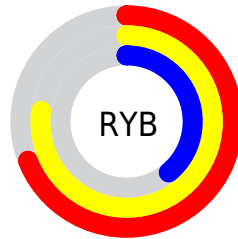
The XYZ color **36.6208, 35.7671, 17.0302** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **24.8919, 26.0397, 55.9386**, and the grayscale version is **33.7196, 35.4757, 38.6330**.

A 20% lighter version of the original color is **69.0964, 68.4496, 39.2761**, and **16.2853, 15.5239, 5.3869** is the 20% darker color. If you saturate the color by 10%, you get **34.4192, 32.7037, 12.1658**, and if you desaturate by 10%, it is **39.1535, 39.1274, 23.1315**.

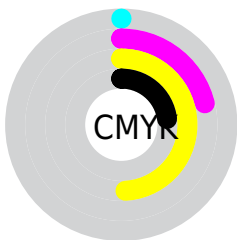
Distribution



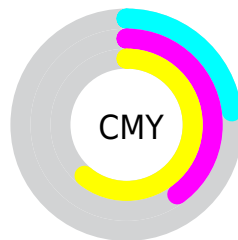
- Red (77%)
- Green (60%)
- Blue (39%)



- Red (69%)
- Yellow (77%)
- Blue (39%)



- Cyan (0%)
- Magenta (21%)
- Yellow (49%)
- Black (23%)





- Cyan (23%)
- Magenta (40%)
- Yellow (61%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 36.6208, 35.7671, 17.0302 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 36.6208, 35.7671, 17.0302 by changing the saturation by 10% instead.


 36.6208, 35.7671,
17.0302


 36.6208, 35.7671,
17.0302


323.0500,
327.9414, 247.3962


 25.0864, 24.2544,
10.0938


 69.3068, 68.6724,
39.1691

 16.2705, 15.5224,
5.3548


 91.1891, 90.8338,
55.2086

 9.8078, 9.1869,
2.3945


 117.2514,
117.3136, 75.1197

 5.3330, 4.8633,
0.7835

 147.8590,
148.4961, 99.3208

 2.4807, 2.1673,
0.0000

183.3773,
184.7657, 128.2304

 0.8855, 0.7021,
0.0000

224.1717,

 0.0000, 0.0000,

226.5069, 162.2672

0.0000

270.6074,
274.1040, 201.8496

■ 36.6208, 35.7671,
17.0302

■ 36.6208, 35.7671,
17.0302

■ 34.4192, 32.7037,
12.1658

■ 39.1535, 39.1274,
23.1315

■ 32.5272, 29.9213,
8.4479

■ 42.0317, 42.7895,
30.5473

■ 30.9248, 27.4096,
5.7770


■ 45.2719, 46.7646,
39.3510


■ 29.5874, 25.1552,
4.0351

■ 48.8888, 51.0616,
49.6103


■ 28.4750, 23.1385,
3.0229


■ 52.8960, 55.6889,
61.3881

 28.3688, 22.9437,
2.9334

 57.3066, 60.6548,
74.7437

 62.1329, 65.9669,
89.7333

 67.0951, 71.5162,
104.8755

 69.4388, 76.2035,
105.6567

Harmonies

Analogous

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



41.6386, 35.7671, 21.6851



36.6208, 35.7671, 17.0302



31.3685, 35.7671, 17.0910

Triad

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



36.6208, 35.7671, 17.0302



25.1124, 35.7671, 47.1927



41.7538, 35.7671, 63.1510

Complementary

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



36.6208, 35.7671, 17.0302



24.8919, 26.0397, 55.9386

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.



36.7653, 35.7671, 74.2644



36.6208, 35.7671, 17.0302



27.3502, 35.7671, 63.5493

Square

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



36.6208, 35.7671, 17.0302



25.0823, 35.7671, 32.0620



31.4989, 35.7671, 74.4266



44.8038, 35.7671, 46.7470

Rectangle

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



36.6208, 35.7671, 17.0302



28.4439, 35.7671, 19.7180



31.4989, 35.7671, 74.4266



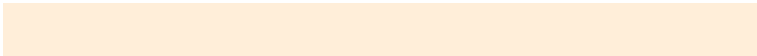
40.2263, 35.7671, 67.7971

Sweetspot

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



36.6217, 35.7688, 17.0309



84.3844, 87.5617, 77.9289



32.2953, 22.8396, 28.7727



17.7689, 18.3914, 15.8570



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.



36.6217, 35.7688, 17.0309



62.0043, 58.7458, 21.3148



43.5763, 51.5021, 19.7012



10.5327, 10.9968, 10.6293



18.3153, 14.9163, 1.9138



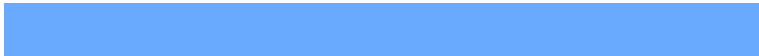
0.8590, 0.7798, 0.1052

Inverse Universe

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



24.8919, 26.0397, 55.9386



38.2661, 39.0823, 100.1345



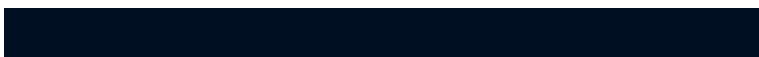
20.3235, 16.0914, 54.2591



9.8827, 10.4567, 12.7823



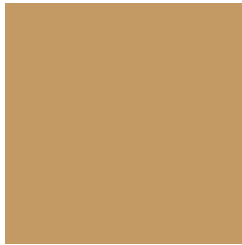
8.6097, 6.9758, 34.4493



0.4405, 0.4384, 1.5113

Previews

White Background



This preview shows how the XYZ color 36.6208, 35.7671, 17.0302 looks on a white background.

Color Contrast Check

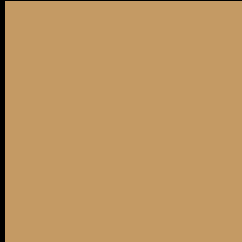
Large Text (above 18pt) WCAG AA × Fail

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 36.6208, 35.7671, 17.0302 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 36.6208, 35.7671, 17.0302

Background



This preview shows how black text looks on a background with the XYZ color 36.6208, 35.7671, 17.0302.



This preview shows how white text looks on a background with the XYZ color 36.6208, 35.7671,

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

36.6208, 35.7671, 17.0302

Protanopia

33.2730, 36.0500, 18.0366

Deuteranopia

36.3615, 35.6334, 17.0181



Tritanopia

40.6927, 35.7536, 37.1041

Trichromacy



Original Color

36.6208, 35.7671, 17.0302

Protanomaly

34.3248, 35.8229, 17.6758

Deuteranomaly

36.3615, 35.6334, 17.0181

Tritanomaly

38.9749, 35.7609, 28.5153

Monochromacy



Original Color

36.6208, 35.7671, 17.0302

Achromatopsia

33.4132, 35.1533, 38.2819

Achromatomaly

34.0479, 35.1729, 29.0393

CSS Examples

Text

The CSS property to change the color of the text to XYZ 36.6208, 35.7671, 17.0302 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, 154, 100)` looks like.

```
.text, #text, p{  
    color:rgb(196, 154, 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, 154, 100) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(196, 154, 100) }
```

Border

The CSS property to change the border of an element to XYZ 36.6208, 35.7671, 17.0302 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, 154, 100) }
```


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

```
.border{ border-color:rgb(196, 154, 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, 154, 100)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(196, 154, 100); -webkit-box-  
shadow:4px 4px 4px 4px rgb(196, 154, 100);  
box-shadow:4px 4px 4px 4px rgb(196, 154,  
100) }
```

Background

The CSS property to change the background color of an element to XYZ 36.6208, 35.7671, 17.0302 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(196, 154, 100) }
```

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

```
.background{ background-color: rgb(196,  
154, 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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