

Converting Colors

XYZ(35.6861, 31.2599, 17.2855)

Have a look what the booklet for
XYZ(35.6861, 31.2599, 17.2855)
contains.

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Color

**XYZ(35.6600, 31.1644,
17.2325)**

Conversions

Conversions Part 1

Format	Color
Hex	CA8868
RGB	202, 136, 104
RGB Percent	79%, 53%, 41%
CMY	0.2078, 0.4666, 0.5922
CMYK	0.00, 0.33, 0.49, 0.21
HSL	20°, 48%, 60%
HSV	20°, 49%, 79%
XYZ	35.6600, 31.1644, 17.2325
YIQ	152.0860, 49.6080, 4.0400

Conversions

Conversions Part 2

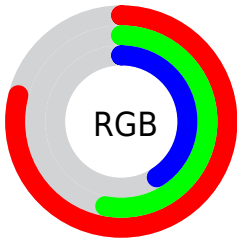
Format	Color
R _Y B	202, 152, 104
Decimal	13273192
CIE Lab	62.65, 21.63, 27.41
CIE LCh	63, 34.919, 51.727
Yxy	31.1644, 0.4242, 0.3708
Android (android.graphics.Color)	4291463272 (0xFFCA8868)
YUV	152.0860, -23.7064, 43.7746
Hunter-Lab	55.8251, 16.3285, 20.7755

Details

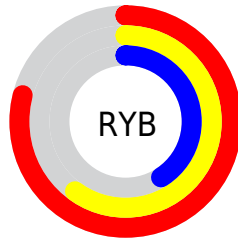
The XYZ color **35.6600, 31.1644, 17.2325** is a dark color, and the websafe version is hex **CC9966**. A complement of this color would be **30.7435, 35.9551, 61.1967**, and the grayscale version is **29.9670, 31.5277, 34.3336**.

A 20% lighter version of the original color is **65.5699, 60.4535, 39.2231**, and **15.7187, 12.9608, 5.4146** is the 20% darker color. If you saturate the color by 10%, you get **32.9586, 27.2117, 11.8620**, and if you desaturate by 10%, it is **38.8519, 35.7049, 23.9795**.

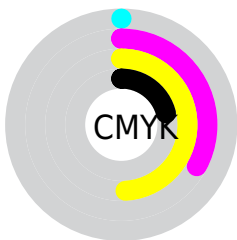
Distribution



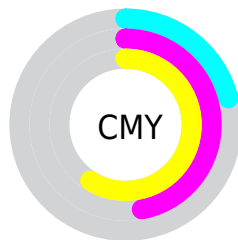
- Red (79%)
- Green (53%)
- Blue (41%)



- Red (79%)
- Yellow (60%)
- Blue (41%)



- Cyan (0%)
- Magenta (33%)
- Yellow (49%)
- Black (21%)




- Cyan (21%)
- Magenta (47%)
- Yellow (59%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 35.6600, 31.1644, 17.2325 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 35.6600, 31.1644, 17.2325 by changing the saturation by 10% instead.


 35.6600, 31.1644,
17.2325


 35.6600, 31.1644,
17.2325


318.9292,
307.2950, 248.5978


 24.3406, 20.7241,
10.2367


 67.8343, 61.4988,
39.5212

 15.7126, 12.9225,
5.4485


 89.4199, 82.1617,
55.6512

 9.4106, 7.3752,
2.4495


 115.1582,
107.0008, 75.6630

 5.0692, 3.6978,
0.8132

 145.4147,
136.4007, 99.9751

 2.3231, 1.5060,
0.0000

180.5547,
170.7457, 129.0061

 0.8064, 0.2929,
0.0000

220.9436,

 0.0000, 0.0000,

210.4201, 163.1745

0.0000

266.9466,
255.8084, 202.8989

■ 35.6600, 31.1644,
17.2325

■ 35.6600, 31.1644,
17.2325

■ 32.9586, 27.2117,
11.8620

■ 38.8519, 35.7049,
23.9795

■ 30.7184, 23.8167,
7.7692

■ 42.5567, 40.8521,
32.1888

■ 28.9104, 20.9538,
4.8450


■ 46.7979, 46.6298,
41.9412


■ 27.5005, 18.5927,
2.9605


■ 51.5971, 53.0591,
53.3109


■ 26.4401, 16.6962,
1.9153


■ 56.9745, 60.1600,
66.3674

 26.3035, 16.4494,
1.7887

 62.9491, 67.9517,
81.1762

 69.5393, 76.4526,
97.7992

 75.0081, 84.9785,
107.0569

 78.1671, 91.2965,
108.1099

Harmonies

Analogous

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



38.9637, 31.1644, 25.1240



35.6600, 31.1644, 17.2325



30.9575, 31.1644, 14.0400

Triad

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



35.6600, 31.1644, 17.2325



21.4545, 31.1644, 30.2988



33.1402, 31.1644, 64.5756

Complementary

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



35.6600, 31.1644, 17.2325



30.7435, 35.9551, 61.1967

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.



28.3232, 31.1644, 67.0476



35.6600, 31.1644, 17.2325



21.9053, 31.1644, 44.5918

Square

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



35.6600, 31.1644, 17.2325



23.0001, 31.1644, 20.1474



24.3052, 31.1644, 58.9546



37.4038, 31.1644, 52.8982

Rectangle

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



35.6600, 31.1644, 17.2325



27.7990, 31.1644, 14.1930



24.3052, 31.1644, 58.9546



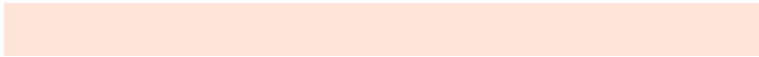
31.5205, 31.1644, 66.6164

Sweetspot

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



35.6608, 31.1659, 17.2331



81.8181, 82.4292, 77.0734



36.6550, 25.3964, 41.4816



17.1529, 17.1595, 15.6517



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.



35.6608, 31.1659, 17.2331



55.6874, 45.9002, 19.8621



44.0032, 47.8509, 20.0139



11.5066, 11.8021, 11.7510



16.9988, 10.7305, 1.1753



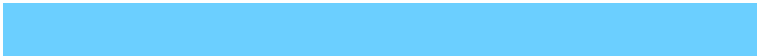
0.9461, 0.6919, 0.0837

Inverse Universe

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



30.7435, 35.9551, 61.1967



46.3653, 54.8318, 102.7476



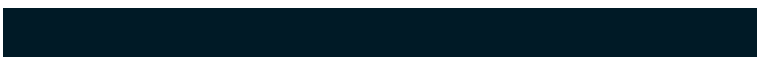
23.3252, 21.1185, 58.7239



11.2225, 12.0854, 14.3116



12.6123, 14.2485, 38.0418



0.7180, 0.8697, 1.9850

Previews

White Background



This preview shows how the XYZ color 35.6600, 31.1644, 17.2325 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 35.6600, 31.1644, 17.2325 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

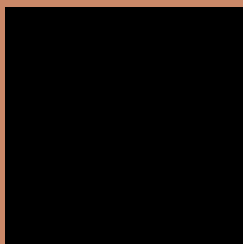
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 35.6600, 31.1644, 17.2325

Background



This preview shows how black text looks on a background with the XYZ color 35.6600, 31.1644, 17.2325.



This preview shows how white text looks on a background with the XYZ color 35.6600, 31.1644,

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

35.6600, 31.1644, 17.2325

Protanopia

29.2017, 31.3907, 19.5588

Deuteranopia

31.8151, 31.1552, 16.9071



Tritanopia

38.1009, 31.1348, 29.2008

Trichromacy



Original Color

35.6600, 31.1644, 17.2325

Protanomaly

31.1171, 30.9876, 18.5285

Deuteranomaly

33.1074, 31.1441, 17.0984

Tritanomaly

37.1857, 31.1709, 24.4788

Monochromacy



Original Color

35.6600, 31.1644, 17.2325

Achromatopsia

29.8446, 31.3989, 34.1934

Achromatomaly

31.2296, 30.8531, 27.2309

CSS Examples

Text

The CSS property to change the color of the text to XYZ 35.6600, 31.1644, 17.2325 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(202, 136, 104)` looks like.

```
.text, #text, p{  
    color:rgb(202, 136, 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(202, 136, 104) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(202, 136, 104) }
```

Border

The CSS property to change the border of an element to XYZ 35.6600, 31.1644, 17.2325 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(202, 136, 104) }
```


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

```
.border{ border-color:rgb(202, 136, 104) }
```

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

Here you see how a box with a 4 pixel `rgb(202, 136, 104)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(202, 136, 104); -webkit-box-  
shadow:4px 4px 4px 4px rgb(202, 136, 104);  
box-shadow:4px 4px 4px 4px rgb(202, 136,  
104) }
```

Background

The CSS property to change the background color of an element to XYZ 35.6600, 31.1644, 17.2325 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(202, 136, 104) }
```

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

```
.background{ background-color: rgb(202,  
136, 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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