

Converting Colors

XYZ(36.7479, 33.6490, 18.7348)

Have a look what the booklet for
XYZ(36.7479, 33.6490, 18.7348)
contains.

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Color

**XYZ(36.6516, 33.6129,
18.7435)**

Conversions

Conversions Part 1

Format	Color
Hex	C8916C
RGB	200, 145, 108
RGB Percent	78%, 57%, 42%
CMY	0.2157, 0.4314, 0.5765
CMYK	0.00, 0.27, 0.46, 0.22
HSL	24°, 46%, 60%
HSV	24°, 46%, 78%
XYZ	36.6516, 33.6129, 18.7435
YIQ	157.2270, 44.6570, 0.1530

Conversions

Conversions Part 2

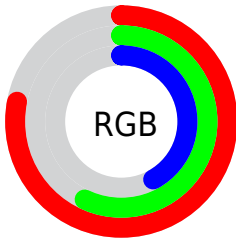
Format	Color
RYB	200, 170, 108
Decimal	13144428
CIELab	64.65, 16.29, 27.80
CIELCh	65, 32.221, 59.639
Yxy	33.6129, 0.4118, 0.3776
Android (android.graphics.Color)	4291334508 (0xFFC8916C)
YUV	157.2270, -24.2689, 37.5119
Hunter-Lab	57.9766, 11.3848, 21.4155

Details

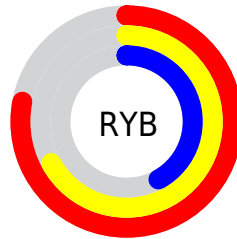
The XYZ color **36.6516, 33.6129, 18.7435** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **29.7062, 33.5512, 59.5538**, and the grayscale version is **32.2426, 33.9217, 36.9408**.

A 20% lighter version of the original color is **68.0086, 64.6449, 42.1510**, and **16.3199, 14.2609, 6.1674** is the 20% darker color. If you saturate the color by 10%, you get **33.9752, 29.7727, 13.1888**, and if you desaturate by 10%, it is **39.7661, 37.9386, 25.6495**.

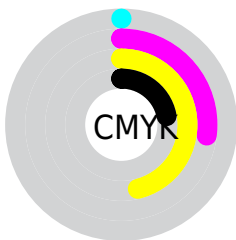
Distribution



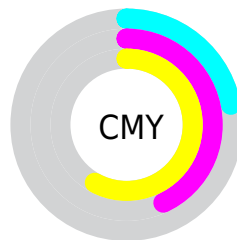
- Red (78%)
- Green (57%)
- Blue (42%)



- Red (78%)
- Yellow (67%)
- Blue (42%)



- Cyan (0%)
- Magenta (27%)
- Yellow (46%)
- Black (22%)





- Cyan (22%)
- Magenta (43%)
- Yellow (58%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 36.6516, 33.6129, 18.7435 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 36.6516, 33.6129, 18.7435 by changing the saturation by 10% instead.


 36.6516, 33.6129,
18.7435


 36.6516, 33.6129,
18.7435


323.1815,
318.4025, 257.4044


 25.1103, 22.5964,
11.3102


 69.3539, 65.3312,
42.1311


 16.2884, 14.2958,
6.1591


 91.2457, 86.8019,
58.9225

 9.8206, 8.3267,
2.8717


 117.3183,
112.5260, 79.6703

 5.3415, 4.3047,
1.0295

 147.9371,
142.8879, 104.7930

 2.4858, 1.8454,
0.0000

183.4674,
178.2722, 134.7093

 0.8881, 0.5152,
0.0000

224.2747,

 0.0000, 0.0000,

219.0631, 169.8376

0.0000

270.7243,
265.6451, 210.5964

■ 36.6516, 33.6129,
18.7435

■ 36.6516, 33.6129,
18.7435

■ 33.9752, 29.7727,
13.1888

■ 39.7661, 37.9386,
25.6495

■ 31.7117, 26.3944,
8.8923

■ 43.3372, 42.7623,
33.9873

■ 29.8364, 23.4597,
5.7521

■ 47.3852, 48.1022,
43.8335

■ 28.3207, 20.9465,
3.6491

■ 51.9284, 53.9738,
55.2587

■ 27.1297, 18.8298,
2.4344

■ 56.9841, 60.3922,
68.3287

■ 26.7207, 18.0821,
2.0818

■ 62.5685, 67.3717,
83.1059

■ 68.6975, 74.9260,
99.6492

■ 73.2209, 82.2024,
106.6152

■ 76.8700, 89.5005,
107.8316

Harmonies

Analogous

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



40.3075, 33.6129, 25.4041



36.6516, 33.6129, 18.7435



32.0041, 33.6129, 16.5980

Triad

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



36.6516, 33.6129, 18.7435



23.8630, 33.6129, 36.4387



36.5455, 33.6129, 63.4626

Complementary

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



36.6516, 33.6129, 18.7435



29.7062, 33.5512, 59.5538

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.



31.8921, 33.6129, 68.3884



36.6516, 33.6129, 18.7435



24.8325, 33.6129, 50.6766

Square

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



36.6516, 33.6129, 18.7435



24.8799, 33.6129, 25.1871



27.6652, 33.6129, 63.2315



40.2422, 33.6129, 51.0223

Rectangle

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



36.6516, 33.6129, 18.7435



29.0546, 33.6129, 17.4867



27.6652, 33.6129, 63.2315



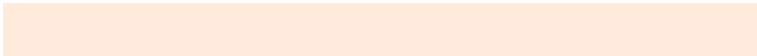
35.0276, 33.6129, 66.1685

Sweetspot

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



36.6524, 33.6145, 18.7442



83.3917, 85.0422, 79.2447



35.8109, 25.6562, 37.8092



17.4983, 17.7450, 16.0909



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.



36.6524, 33.6145, 18.7442



58.9137, 51.6792, 23.0143



45.1134, 50.5365, 21.5645



10.9782, 11.3255, 11.1702



17.0727, 11.6625, 1.3513



0.8790, 0.6935, 0.0875

Inverse Universe

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



29.7062, 33.5512, 59.5538



45.4161, 51.5053, 102.1556



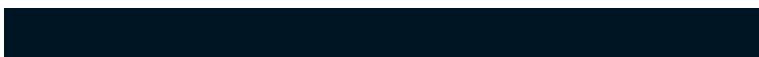
22.9945, 20.1278, 57.3166



10.5750, 11.3241, 13.5459



10.9551, 11.3042, 36.3489



0.5883, 0.6745, 1.7443

Previews

White Background



This preview shows how the XYZ color 36.6516, 33.6129, 18.7435 looks on a white background.

Color Contrast Check

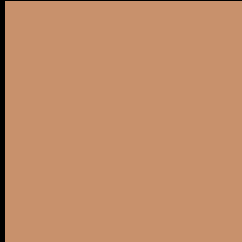
Large Text (above 18pt) WCAG AA × Fail

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 36.6516, 33.6129, 18.7435 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 36.6516, 33.6129, 18.7435

Background



This preview shows how black text looks on a background with the XYZ color 36.6516, 33.6129, 18.7435.



This preview shows how white text looks on a background with the XYZ color 36.6516, 33.6129,

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

36.6516, 33.6129, 18.7435

Protanopia

31.3998, 33.7412, 20.4805

Deuteranopia

34.2992, 33.5656, 18.5810



Tritanopia

39.6395, 33.5046, 33.2320

Trichromacy



Original Color

36.6516, 33.6129, 18.7435

Protanomaly

33.0829, 33.6335, 19.7872

Deuteranomaly

34.9820, 33.4478, 18.5222

Tritanomaly

38.5267, 33.4955, 27.3564

Monochromacy



Original Color

36.6516, 33.6129, 18.7435

Achromatopsia

32.0474, 33.7164, 36.7171

Achromatomaly

33.2850, 33.5308, 29.1439

CSS Examples

Text

The CSS property to change the color of the text to XYZ 36.6516, 33.6129, 18.7435 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(200, 145, 108)` looks like.

```
.text, #text, p{  
    color:rgb(200, 145, 108)  
}
```

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(200, 145, 108) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(200, 145, 108) }
```

Border

The CSS property to change the border of an element to XYZ 36.6516, 33.6129, 18.7435 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(200, 145, 108) }
```


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

```
.border{ border-color:rgb(200, 145, 108) }
```

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

Here you see how a box with a 4 pixel `rgb(200, 145, 108)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(200, 145, 108); -webkit-box-  
shadow:4px 4px 4px 4px rgb(200, 145, 108);  
box-shadow:4px 4px 4px 4px rgb(200, 145,  
108) }
```

Background

The CSS property to change the background color of an element to XYZ 36.6516, 33.6129, 18.7435 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(200, 145, 108) }
```

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

```
.background{ background-color: rgb(200,  
145, 108) }
```

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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