

Converting Colors

XYZ(36.1884, 30.5858, 18.4643)

Have a look what the booklet for
XYZ(36.1884, 30.5858, 18.4643)
contains.

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Color

**XYZ(36.1884, 30.5858,
18.4643)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|---------------------------|
| Hex | CD846D |
| RGB | 205, 132, 109 |
| RGB Percent | 80%, 52%, 43% |
| CMY | 0.1961, 0.4823, 0.5725 |
| CMYK | 0.00, 0.36, 0.47, 0.20 |
| HSL | 14°, 49%, 62% |
| HSV | 14°, 47%, 80% |
| XYZ | 36.1884, 30.5858, 18.4643 |
| YIQ | 151.2050, 50.8910, 8.3230 |

Conversions

Conversions Part 2

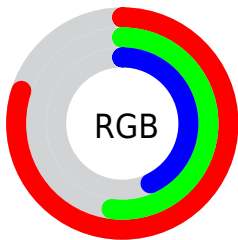
| Format | Color |
|-------------------------------------|---|
| RYB | 205, 139, 109 |
| Decimal | 13468781 |
| CIELab | 62.16, 25.51, 24.05 |
| CIELCh | 62, 35.062, 43.311 |
| Yxy | 30.5858, 0.4246, 0.3588 |
| Android (android.graphics.Color) | 4291658861 (0xFFCD846D) |
| YUV | 151.2050, -20.8071, 47.1782 |
| Hunter-Lab | 55.3044, 20.0185, 18.9182 |

Details

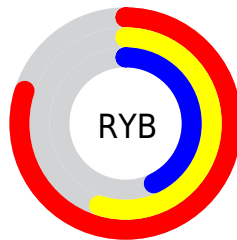
The XYZ color **36.1884, 30.5858, 18.4643** is a dark color, and the websafe version is hex **CC9966**. A complement of this color would be **34.0532, 41.1129, 63.8982**, and the grayscale version is **29.5750, 31.1152, 33.8845**.

A 20% lighter version of the original color is **65.2319, 58.9510, 41.6588**, and **16.0723, 12.6674, 6.0128** is the 20% darker color. If you saturate the color by 10%, you get **33.2528, 26.2794, 12.6616**, and if you desaturate by 10%, it is **39.6988, 35.6298, 25.7288**.

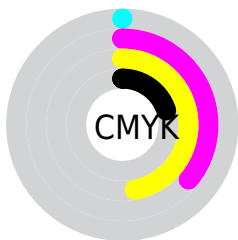
Distribution



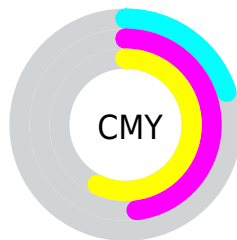
- Red (80%)
- Green (52%)
- Blue (43%)



- Red (80%)
- Yellow (55%)
- Blue (43%)



- Cyan (0%)
- Magenta (36%)
- Yellow (47%)
- Black (20%)





- Cyan (20%)
- Magenta (48%)
- Yellow (57%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 36.1884, 30.5858, 18.4643 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 36.1884, 30.5858, 18.4643 by changing the saturation by 10% instead.


 36.1884, 30.5858,
18.4643


 36.1884, 30.5858,
18.4643


321.2001,
304.6255, 255.7986


 24.7505, 20.2837,
11.1110


 68.6447, 60.5874,
41.6515


 16.0190, 12.6014,
6.0264


 90.3939, 81.0556,
58.3224

 9.6285, 7.1546,
2.7921

 116.3108,
105.6812, 78.9363

 5.2137, 3.5590,
0.9895

 146.7610,
134.8488, 103.9116

 2.4093, 1.4301,
0.0000

182.1096,
168.9426, 133.6670

 0.8497, 0.2387,
0.0000

222.7221,

 0.0000, 0.0000,

208.3471, 168.6209

0.0000

268.9638,
253.4466, 209.1919

■ 36.1884, 30.5858,
18.4643

■ 36.1884, 30.5858,
18.4643

■ 33.2528, 26.2794,
12.6616

■ 39.6988, 35.6298,
25.7288

■ 30.8574, 22.6710,
8.2186

■ 43.8111, 41.4397,
34.5442

■ 28.9677, 19.7238,
5.0229


■ 48.5536, 48.0477,
44.9943


■ 27.5433, 17.3956,
2.9430


■ 53.9518, 55.4828,
57.1565


■ 26.5347, 15.6380,
1.8066

■ 60.0301, 63.7725,
71.1032

 26.2803, 15.1862,
1.5461

 66.8112, 72.9431,
86.9027

 74.3172, 83.0196,
104.6197

 78.9867, 91.7191,
108.1483

Harmonies

Analogous

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



38.8287, 30.5858, 27.6691



36.1884, 30.5858, 18.4643



31.7563, 30.5858, 14.0927

Triad

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



36.1884, 30.5858, 18.4643



21.2144, 30.5858, 26.3813



31.2112, 30.5858, 65.5457

Complementary

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



36.1884, 30.5858, 18.4643



34.0532, 41.1129, 63.8982

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.



26.5413, 30.5858, 64.9247



36.1884, 30.5858, 18.4643



21.1023, 30.5858, 39.6535

Square

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



36.1884, 30.5858, 18.4643



23.2785, 30.5858, 17.7425



22.9537, 30.5858, 54.5064



35.7523, 30.5858, 56.0253

Rectangle

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



36.1884, 30.5858, 18.4643



28.5498, 30.5858, 13.5083



22.9537, 30.5858, 54.5064



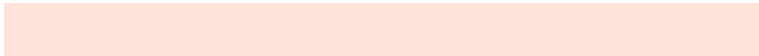
29.5983, 30.5858, 66.5797

Sweetspot

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



36.1892, 30.5873, 18.4649



81.7692, 81.7973, 78.7039



39.1512, 27.3189, 47.7914



17.1060, 16.9605, 15.9601



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.



36.1892, 30.5873, 18.4649



54.5195, 43.1218, 20.8375



44.1375, 46.4840, 21.1143



11.4270, 11.6429, 11.7245



16.4229, 9.5787, 0.9833



0.9081, 0.6158, 0.0710

Inverse Universe

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



34.0532, 41.1129, 63.8982



50.5560, 62.2748, 103.9634



25.9346, 24.8758, 61.1920



11.3066, 12.2537, 14.3396



14.3248, 17.6735, 38.6126



0.7953, 1.0244, 2.0108

Previews

White Background



This preview shows how the XYZ color 36.1884, 30.5858, 18.4643 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 36.1884, 30.5858, 18.4643 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 36.1884, 30.5858, 18.4643

Background



This preview shows how black text looks on a background with the XYZ color 36.1884, 30.5858, 18.4643.



This preview shows how white text looks on a background with the XYZ color 36.1884, 30.5858,

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

36.1884, 30.5858, 18.4643

Protanopia

28.8152, 30.6741, 21.2316

Deuteranopia

31.2175, 30.5918, 18.1694



Tritanopia

38.0387, 30.5387, 27.9345

Trichromacy



Original Color

36.1884, 30.5858, 18.4643

Protanomaly

30.9912, 30.2069, 20.1167

Deuteranomaly

32.8239, 30.5302, 18.3503

Tritanomaly

37.1346, 30.3546, 23.9805

Monochromacy



Original Color

36.1884, 30.5858, 18.4643

Achromatopsia

29.4150, 30.9469, 33.7012

Achromatomaly

31.2118, 30.3820, 27.5118

CSS Examples

Text

The CSS property to change the color of the text to XYZ 36.1884, 30.5858, 18.4643 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(205, 132, 109)` looks like.

```
.text, #text, p{  
    color:rgb(205, 132, 109)  
}
```

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(205, 132, 109) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(205, 132, 109) }
```

Border

The CSS property to change the border of an element to XYZ 36.1884, 30.5858, 18.4643 is called "border". The border property can be set on classes, ids or directly on the HTML element.

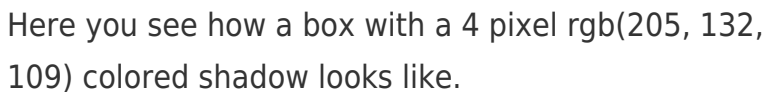
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(205, 132, 109) }
```


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

```
.border{ border-color:rgb(205, 132, 109) }
```

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



Here you see how a box with a 4 pixel `rgb(205, 132, 109)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(205, 132, 109); -webkit-box-shadow:4px 4px 4px 4px rgb(205, 132, 109); box-shadow:4px 4px 4px 4px rgb(205, 132, 109) }
```

Background

The CSS property to change the background color of an element to XYZ 36.1884, 30.5858, 18.4643 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(205, 132, 109) }
```

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

```
.background{ background-color: rgb(205,  
132, 109) }
```

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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