

Converting Colors

$Y_{xy}(30.7608, 0.4294, 0.3716)$

Have a look what the booklet for
Yxy(30.7608, 0.4294, 0.3716)
contains.

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Color

Yxy(30.6863, 0.4301, 0.3717)

Conversions

Conversions Part 1

Format	Color
Hex	CB8665
RGB	203, 134, 101
RGB Percent	80%, 53%, 40%
CMY	0.2038, 0.4745, 0.6039
CMYK	0.00, 0.34, 0.50, 0.20
HSL	19°, 50%, 60%
HSV	19°, 50%, 80%
XYZ	35.5076, 30.6863, 16.3627
YIQ	150.8690, 51.7170, 4.3650

Conversions

Conversions Part 2

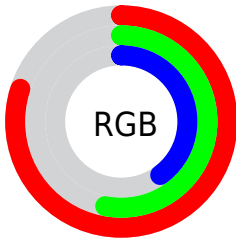
Format	Color
R _Y B	203, 150, 101
Decimal	13338213
CIE Lab	62.24, 22.86, 28.57
CIE LCh	62, 36.587, 51.338
Yxy	30.6863, 0.4301, 0.3717
Android (android.graphics.Color)	4291528293 (0xFFCB8665)
YUV	150.8690, -24.5854, 45.7189
Hunter-Lab	55.3952, 17.4745, 21.2635

Details

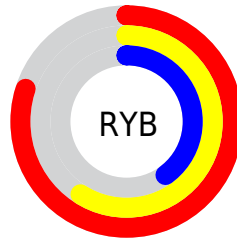
The Yxy color **30.6863, 0.4301, 0.3717** is a dark color, and the websafe version is hex **CC9966**. A complement of this color would be **35.8402, 0.2382, 0.2796**, and the grayscale version is **30.9798, 0.3127, 0.3290**.

A 20% lighter version of the original color is **59.4934, 0.4002, 0.3669**, and **12.7180, 0.4680, 0.3793** is the 20% darker color. If you saturate the color by 10%, you get **26.7842, 0.4641, 0.3783**, and if you desaturate by 10%, it is **35.1830, 0.3994, 0.3636**.

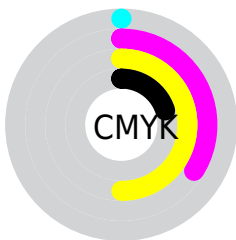
Distribution



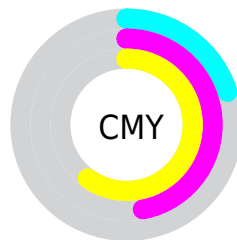
- Red (80%)
- Green (53%)
- Blue (40%)



- Red (80%)
- Yellow (59%)
- Blue (40%)



- Cyan (0%)
- Magenta (34%)
- Yellow (50%)
- Black (20%)




- Cyan (20%)
- Magenta (47%)
- Yellow (60%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 30.6863, 0.4301, 0.3717 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 Yxy color 30.6863, 0.4301, 0.3717 by changing the saturation by 10% instead.


 30.6863, 0.4301,
0.3717


 30.6863, 0.4301,
0.3717


305.0905, 0.3672,
0.3520


 20.3601, 0.4469,
0.3756


 60.7458, 0.4064,
0.3652


 12.6571, 0.4688,
0.3798


 81.2480, 0.3977,
0.3625

 7.1928, 0.4984,
0.3835


 105.9108, 0.3905,
0.3602

 3.5830, 0.5409,
0.3855

 135.1189, 0.3844,
0.3581

 1.4431, 0.6143,
0.3857

169.2565, 0.3792,
0.3563

 0.2482, 0.7618,
0.2382

208.7080, 0.3746,

 0.0000, 0.0000,

0.3547

0.0000

253.8579, 0.3707,
0.3533

■ 30.6863, 0.4301,
0.3717

■ 30.6863, 0.4301,
0.3717

■ 26.7842, 0.4641,
0.3783

■ 35.1830, 0.3994,
0.3636

■ 23.4459, 0.4999,
0.3821

■ 40.2942, 0.3725,
0.3547

■ 20.6444, 0.5351,
0.3820

■ 46.0444, 0.3494,
0.3458

■ 18.3484, 0.5665,
0.3772

■ 52.4554, 0.3297,
0.3373

■ 16.5565, 0.5914,
0.3686

■ 59.5479, 0.3131,
0.3292

■ 67.3416, 0.2990,
0.3217

■ 75.8554, 0.2871,
0.3149

■ 84.5534, 0.2814,
0.3172

■ 91.4400, 0.2822,
0.3289

Harmonies

Analogous

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



30.6863, 0.4138, 0.3262



30.6863, 0.4301, 0.3717



30.6863, 0.4115, 0.4124

Triad

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



30.6863, 0.4301, 0.3717



30.6863, 0.2565, 0.3792



30.6863, 0.2537, 0.2377

Complementary

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



30.6863, 0.4301, 0.3717



35.8402, 0.2382, 0.2796

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.



30.6863, 0.2193, 0.2424



30.6863, 0.4301, 0.3717



30.6863, 0.2203, 0.3190

Square

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



30.6863, 0.4301, 0.3717



30.6863, 0.3098, 0.4251



30.6863, 0.2077, 0.2697



30.6863, 0.3068, 0.2529

Rectangle

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



30.6863, 0.4301, 0.3717



30.6863, 0.3838, 0.4307



30.6863, 0.2077, 0.2697



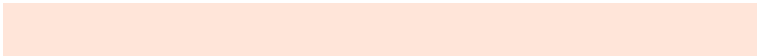
30.6863, 0.2399, 0.2369

Sweetspot

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



30.6878, 0.4301, 0.3717



82.3617, 0.3391, 0.3415



24.9365, 0.3561, 0.2425



17.1434, 0.3433, 0.3433



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



30.6878, 0.4301, 0.3717



44.5072, 0.4660, 0.3786



48.0536, 0.3963, 0.4310



11.7962, 0.3282, 0.3366



10.6815, 0.5889, 0.3706



0.6888, 0.5503, 0.4013

Inverse Universe

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



35.8402, 0.2382, 0.2796



53.9569, 0.2251, 0.2670



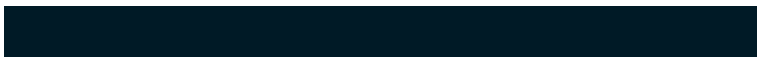
20.4412, 0.2227, 0.1994



12.0915, 0.2983, 0.3213



14.3649, 0.1946, 0.2207



0.8751, 0.2012, 0.2443

Previews

White Background



This preview shows how the Yxy color 30.6863, 0.4301, 0.3717 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 Yxy color 30.6863, 0.4301, 0.3717 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](#).

Yxy 30.6863, 0.4301, 0.3717

Background



This preview shows how black text looks on a background with the Yxy color 30.6863, 0.4301, 0.3717.



This preview shows how white text looks on a background with the Yxy color 30.6863, 0.4301, 0.3717.

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

30.6863, 0.4301, 0.3717

Protanopia

30.8973, 0.3666, 0.3951

Deuteranopia

30.6711, 0.4009, 0.3931



Tritanopia

30.6864, 0.3914, 0.3164

Trichromacy



Original Color

30.6863, 0.4301, 0.3717

Protanomaly

30.6178, 0.3896, 0.3872

Deuteranomaly

30.4951, 0.4115, 0.3842

Tritanomaly

30.6924, 0.4063, 0.3370

Monochromacy



Original Color

30.6863, 0.4301, 0.3717

Achromatopsia

30.9469, 0.3127, 0.3290

Achromatomaly

30.4903, 0.3521, 0.3470

CSS Examples

Text

The CSS property to change the color of the text to Yxy 30.6863, 0.4301, 0.3717 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(203, 134, 101)` looks like.

```
.text, #text, p{  
    color:rgb(203, 134, 101)  
}
```

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(203, 134, 101) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(203, 134, 101) }
```

Border

The CSS property to change the border of an element to Yxy 30.6863, 0.4301, 0.3717 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(203, 134, 101) }
```

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

```
.border{ border-color:rgb(203, 134, 101) }
```

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

Here you see how a box with a 4 pixel `rgb(203, 134, 101)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(203, 134, 101); -webkit-box-  
shadow:4px 4px 4px 4px rgb(203, 134, 101);  
box-shadow:4px 4px 4px 4px rgb(203, 134,  
101) }
```


Background

The CSS property to change the background color of an element to Yxy 30.6863, 0.4301, 0.3717 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(203, 134, 101) }
```

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

```
.background{ background-color: rgb(203,  
134, 101) }
```

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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