

Converting Colors

$Y_{xy}(28.9192, 0.4458, 0.3772)$

Have a look what the booklet for
Yxy(28.9192, 0.4458, 0.3772)
contains.

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Color

Yxy(28.8902, 0.4458, 0.3762)

Conversions

Conversions Part 1

Format	Color
Hex	CB805B
RGB	203, 128, 91
RGB Percent	80%, 50%, 36%
CMY	0.2039, 0.4980, 0.6431
CMYK	0.00, 0.37, 0.55, 0.20
HSL	20°, 52%, 58%
HSV	20°, 55%, 80%
XYZ	34.2351, 28.8902, 13.6695
YIQ	146.2070, 56.5770, 4.3930

Conversions

Conversions Part 2

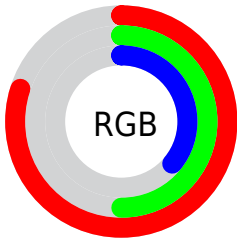
Format	Color
R_{YB}	203, 146, 91
Decimal	13336667
CIE _{Lab}	60.68, 25.22, 32.07
CIE _{LCh}	61, 40.796, 51.824
Yxy	28.8902, 0.4458, 0.3762
Android (android.graphics.Color)	4291526747 (0xFFCB805B)
YUV	146.2070, -27.2171, 49.8075
Hunter-Lab	53.7496, 19.6315, 22.5462

Details

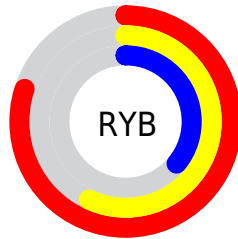
The Yxy color **28.8902, 0.4458, 0.3762** is a dark color, and the websafe version is hex **CC9966**. The color can be described as middle muted orange. A complement of this color would be **33.8036, 0.2316, 0.2725**, and the grayscale version is **28.9313, 0.3127, 0.3290**.

A 20% lighter version of the original color is **56.2607, 0.4120, 0.3700**, and **11.6504, 0.4894, 0.3838** is the 20% darker color. If you saturate the color by 10%, you get **25.2757, 0.4806, 0.3818**, and if you desaturate by 10%, it is **33.0773, 0.4136, 0.3685**.

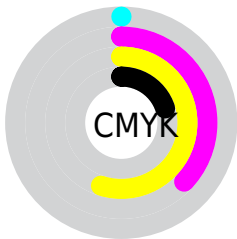
Distribution



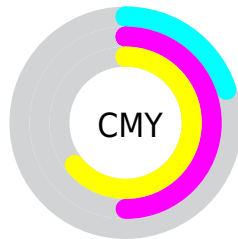
- Red (80%)
- Green (50%)
- Blue (36%)



- Red (80%)
- Yellow (57%)
- Blue (36%)



- Cyan (0%)
- Magenta (37%)
- Yellow (55%)
- Black (20%)





- Cyan (20%)
- Magenta (50%)
- Yellow (64%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 28.8902, 0.4458, 0.3762 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 28.8902, 0.4458, 0.3762 by changing the saturation by 10% instead.


 28.8902, 0.4458,
0.3762


 28.8902, 0.4458,
0.3762


296.6965, 0.3741,
0.3549


 18.9978, 0.4648,
0.3800


 57.9026, 0.4188,
0.3694

 11.6687, 0.4896,
0.3837


 77.7913, 0.4089,
0.3665

 6.5185, 0.5226,
0.3859


 101.7810, 0.4006,
0.3640

 3.1628, 0.5785,
0.3905

 130.2559, 0.3937,
0.3617

 1.2173, 0.6327,
0.3673

163.6006, 0.3877,
0.3597

 0.0758, 0.9007,
0.0993

202.1993, 0.3826,

 0.0000, 0.0000,

0.3579

0.0000

246.4365, 0.3781,
0.3564

■ 28.8902, 0.4458,
0.3762

■ 28.8902, 0.4458,
0.3762

■ 25.2757, 0.4806,
0.3818

■ 33.0773, 0.4136,
0.3685

■ 22.2030, 0.5162,
0.3840

■ 37.8574, 0.3850,
0.3597

■ 19.6443, 0.5496,
0.3817

■ 43.2549, 0.3602,
0.3506

■ 17.5671, 0.5777,
0.3744

■ 49.2918, 0.3390,
0.3417

■ 16.7193, 0.5896,
0.3700

■ 55.9886, 0.3209,
0.3332

■ 63.3651, 0.3057,
0.3252

■ 71.4403, 0.2927,
0.3179

■ 80.2320, 0.2818,
0.3112

■ 88.4946, 0.2818,
0.3240

Harmonies

Analogous

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



28.8902, 0.4285, 0.3256



28.8902, 0.4458, 0.3762



28.8902, 0.4232, 0.4226

Triad

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



28.8902, 0.4458, 0.3762



28.8902, 0.2478, 0.3854



28.8902, 0.2468, 0.2270

Complementary

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



28.8902, 0.4458, 0.3762



33.8036, 0.2316, 0.2725

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.



28.8902, 0.2085, 0.2313



28.8902, 0.4458, 0.3762



28.8902, 0.2083, 0.3157

Square

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



28.8902, 0.4458, 0.3762



28.8902, 0.3073, 0.4392



28.8902, 0.1952, 0.2606



28.8902, 0.3066, 0.2443

Rectangle

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



28.8902, 0.4458, 0.3762



28.8902, 0.3911, 0.4444



28.8902, 0.1952, 0.2606



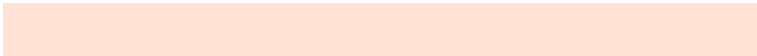
28.8902, 0.2314, 0.2259

Sweetspot

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



28.8917, 0.4458, 0.3762



80.3747, 0.3431, 0.3435



22.9878, 0.3620, 0.2351



16.7539, 0.3472, 0.3453



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.



28.8917, 0.4458, 0.3762



41.3826, 0.4867, 0.3824



47.0968, 0.4045, 0.4396



11.8092, 0.3282, 0.3367



10.7906, 0.5871, 0.3720



0.6956, 0.5486, 0.4026

Inverse Universe

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



33.8036, 0.2316, 0.2725



50.2569, 0.2180, 0.2580



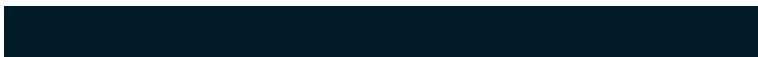
18.0214, 0.2132, 0.1844



12.0780, 0.2983, 0.3212



14.1084, 0.1939, 0.2182



0.8632, 0.2007, 0.2424

Previews

White Background



This preview shows how the Yxy color 28.8902, 0.4458, 0.3762 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

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 28.8902, 0.4458, 0.3762 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

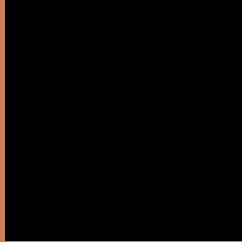
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 28.8902, 0.4458, 0.3762

Background



This preview shows how black text looks on a background with the Yxy color 28.8902, 0.4458, 0.3762.



This preview shows how white text looks on a background with the Yxy color 28.8902, 0.4458, 0.3762.

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

28.8902, 0.4458, 0.3762

Protanopia

29.1202, 0.3751, 0.4055

Deuteranopia

28.9424, 0.4105, 0.4022



Tritanopia

28.9537, 0.4027, 0.3177

Trichromacy



Original Color

28.8902, 0.4458, 0.3762

Protanomaly

28.6964, 0.4009, 0.3950

Deuteranomaly

28.9113, 0.4228, 0.3925

Tritanomaly

28.9307, 0.4193, 0.3396

Monochromacy



Original Color

28.8902, 0.4458, 0.3762

Achromatopsia

28.7441, 0.3127, 0.3290

Achromatomaly

28.1871, 0.3582, 0.3490

CSS Examples

Text

The CSS property to change the color of the text to Yxy 28.8902, 0.4458, 0.3762 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, 128, 91)` looks like.

```
.text, #text, p{  
    color:rgb(203, 128, 91)  
}
```

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, 128, 91) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(203, 128, 91) }
```

Border

The CSS property to change the border of an element to Yxy 28.8902, 0.4458, 0.3762 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, 128, 91) }
```

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

```
.border{ border-color:rgb(203, 128, 91) }
```

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

Here you see how a box with a 4 pixel `rgb(203, 128, 91)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(203, 128, 91); -webkit-box-  
shadow:4px 4px 4px 4px rgb(203, 128, 91);  
box-shadow:4px 4px 4px 4px rgb(203, 128,  
91) }
```


Background

The CSS property to change the background color of an element to Yxy 28.8902, 0.4458, 0.3762 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(203, 128, 91) }
```

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

```
.background{ background-color: rgb(203,  
128, 91) }
```

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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