

Converting Colors

$Y_{xy}(30.7690, 0.4396, 0.3748)$

Have a look what the booklet for
Yxy(30.7690, 0.4396, 0.3748)
contains.

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Color

Yxy(30.7599, 0.4384, 0.3746)

Conversions

Conversions Part 1

Format	Color
Hex	CE8561
RGB	206, 133, 97
RGB Percent	81%, 52%, 38%
CMY	0.1922, 0.4784, 0.6195
CMYK	0.00, 0.35, 0.53, 0.19
HSL	20°, 53%, 59%
HSV	20°, 53%, 81%
XYZ	35.9988, 30.7599, 15.3553
YIQ	150.7230, 55.0640, 4.2800

Conversions

Conversions Part 2

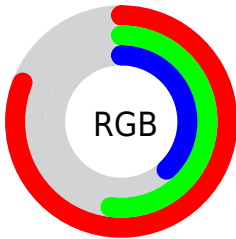
Format	Color
R _Y B	206, 151, 97
Decimal	13534561
CIE Lab	62.30, 24.24, 30.90
CIE LCh	62, 39.277, 51.891
Yxy	30.7599, 0.4384, 0.3746
Android (android.graphics.Color)	4291724641 (0xFFCE8561)
YUV	150.7230, -26.4854, 48.4779
Hunter-Lab	55.4616, 18.8022, 22.4079

Details

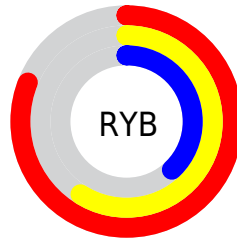
The Yxy color **30.7599, 0.4384, 0.3746** is a dark color, and the websafe version is hex **CC9966**. A complement of this color would be **35.7540, 0.2344, 0.2753**, and the grayscale version is **30.9222, 0.3127, 0.3290**.

A 20% lighter version of the original color is **58.9388, 0.4040, 0.3700**, and **12.7127, 0.4780, 0.3826** is the 20% darker color. If you saturate the color by 10%, you get **26.8922, 0.4728, 0.3807**, and if you desaturate by 10%, it is **35.2268, 0.4069, 0.3666**.

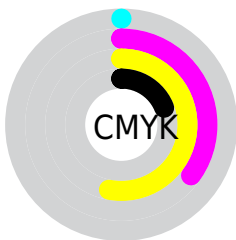
Distribution



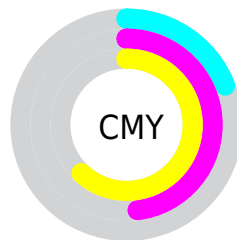
- Red (81%)
- Green (52%)
- Blue (38%)



- Red (81%)
- Yellow (59%)
- Blue (38%)



- Cyan (0%)
- Magenta (35%)
- Yellow (53%)
- Black (19%)





- Cyan (19%)
- Magenta (48%)
- Yellow (62%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 30.7599, 0.4384, 0.3746 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 30.7599, 0.4384, 0.3746 by changing the saturation by 10% instead.

 30.7599, 0.4384,
0.3746

 30.7599, 0.4384,
0.3746

305.4307, 0.3712,
0.3539

 20.4161, 0.4561,
0.3785


 60.8619, 0.4132,
0.3679


 12.6979, 0.4792,
0.3825

 81.3888, 0.4039,
0.3651

 7.2208, 0.5100,
0.3856


 106.0789, 0.3962,
0.3626

 3.6006, 0.5556,
0.3876

 135.3166, 0.3897,
0.3605

 1.4527, 0.6208,
0.3792

169.4862, 0.3841,
0.3585

 0.2551, 0.7658,
0.2342

208.9721, 0.3792,

 0.0000, 0.0000,

0.3568

0.0000

254.1588, 0.3750,
0.3553

■ 30.7599, 0.4384,
0.3746

■ 30.7599, 0.4384,
0.3746

■ 26.8922, 0.4728,
0.3807

■ 35.2268, 0.4069,
0.3666

■ 23.5919, 0.5084,
0.3838

■ 40.3135, 0.3791,
0.3577

■ 20.8312, 0.5427,
0.3825

■ 46.0451, 0.3551,
0.3486

■ 18.5770, 0.5723,
0.3764

■ 52.4440, 0.3346,
0.3397

■ 17.2573, 0.5898,
0.3699

■ 59.5313, 0.3172,
0.3313

■ 67.3275, 0.3025,
0.3235

■ 75.8517, 0.2901,
0.3164

■ 84.6755, 0.2831,
0.3168

■ 91.8611, 0.2838,
0.3289

Harmonies

Analogous

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



30.7599, 0.4219, 0.3263



30.7599, 0.4384, 0.3746



30.7599, 0.4174, 0.4182

Triad

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



30.7599, 0.4384, 0.3746



30.7599, 0.2514, 0.3819



30.7599, 0.2505, 0.2320

Complementary

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



30.7599, 0.4384, 0.3746



35.7540, 0.2344, 0.2753

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.



30.7599, 0.2138, 0.2363



30.7599, 0.4384, 0.3746



30.7599, 0.2137, 0.3167

Square

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



30.7599, 0.4384, 0.3746



30.7599, 0.3079, 0.4322



30.7599, 0.2010, 0.2645



30.7599, 0.3073, 0.2486

Rectangle

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



30.7599, 0.4384, 0.3746



30.7599, 0.3872, 0.4382



30.7599, 0.2010, 0.2645



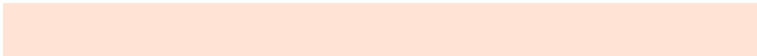
30.7599, 0.2357, 0.2310

Sweetspot

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



30.7614, 0.4384, 0.3746



81.4315, 0.3410, 0.3426



24.6343, 0.3593, 0.2384



16.9640, 0.3452, 0.3444



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.



30.7614, 0.4384, 0.3746



43.0647, 0.4759, 0.3811



49.1099, 0.4008, 0.4358



11.8087, 0.3282, 0.3367



10.7866, 0.5872, 0.3720



0.6953, 0.5487, 0.4025

Inverse Universe

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



35.7540, 0.2344, 0.2753



51.8385, 0.2213, 0.2619



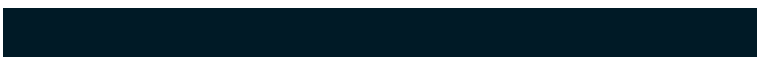
19.7224, 0.2174, 0.1912



12.0785, 0.2983, 0.3212



14.1177, 0.1940, 0.2183



0.8636, 0.2007, 0.2424

Previews

White Background



This preview shows how the Yxy color 30.7599, 0.4384, 0.3746 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 30.7599, 0.4384, 0.3746 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

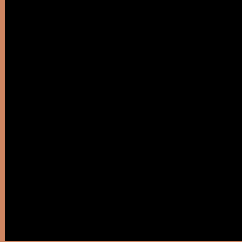
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 30.7599, 0.4384, 0.3746

Background



This preview shows how black text looks on a background with the Yxy color 30.7599, 0.4384, 0.3746.



This preview shows how white text looks on a background with the Yxy color 30.7599, 0.4384, 0.3746.

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

30.7599, 0.4384, 0.3746

Protanopia

30.9192, 0.3716, 0.4008

Deuteranopia

30.7178, 0.4061, 0.3981



Tritanopia

30.7998, 0.3976, 0.3178

Trichromacy



Original Color

30.7599, 0.4384, 0.3746

Protanomaly

30.4698, 0.3966, 0.3909

Deuteranomaly

30.6771, 0.4179, 0.3888

Tritanomaly

30.7803, 0.4137, 0.3395

Monochromacy



Original Color

30.7599, 0.4384, 0.3746

Achromatopsia

30.9469, 0.3127, 0.3290

Achromatomaly

30.2431, 0.3556, 0.3485

CSS Examples

Text

The CSS property to change the color of the text to Yxy 30.7599, 0.4384, 0.3746 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(206, 133, 97)` looks like.

```
.text, #text, p{  
    color:rgb(206, 133, 97)  
}
```

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(206, 133, 97) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(206, 133, 97) }
```

Border

The CSS property to change the border of an element to Yxy 30.7599, 0.4384, 0.3746 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(206, 133, 97) }
```

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

```
.border{ border-color:rgb(206, 133, 97) }
```

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

Here you see how a box with a 4 pixel `rgb(206, 133, 97)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(206, 133, 97); -webkit-box-  
shadow:4px 4px 4px 4px rgb(206, 133, 97);  
box-shadow:4px 4px 4px 4px rgb(206, 133,  
97) }
```


Background

The CSS property to change the background color of an element to Yxy 30.7599, 0.4384, 0.3746 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(206, 133, 97) }
```

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

```
.background{ background-color: rgb(206,  
133, 97) }
```

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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