

Converting Colors

$Yxy(31.1617, 0.4133, 0.3794)$

Have a look what the booklet for
Yxy(31.1617, 0.4133, 0.3794)
contains.

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Color

Yxy(31.0729, 0.4127, 0.3792)

Conversions

Conversions Part 1

Format	Color
Hex	C18C67
RGB	193, 140, 103
RGB Percent	76%, 55%, 40%
CMY	0.2432, 0.4510, 0.5960
CMYK	0.00, 0.27, 0.47, 0.24
HSL	25°, 42%, 58%
HSV	25°, 47%, 76%
XYZ	33.8180, 31.0729, 17.0524
YIQ	151.6290, 43.4650, -0.2710

Conversions

Conversions Part 2

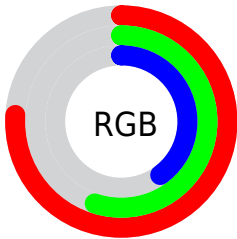
Format	Color
R _Y B	193, 166, 103
Decimal	12684391
CIE Lab	62.57, 15.64, 27.66
CIE LCh	63, 31.776, 60.511
Yxy	31.0729, 0.4127, 0.3792
Android (android.graphics.Color)	4290874471 (0xFFC18C67)
YUV	151.6290, -23.9741, 36.2824
Hunter-Lab	55.7431, 10.7413, 20.8827




Details

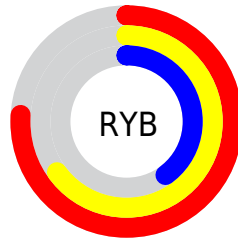
The Yxy color **31.0729, 0.4127, 0.3792** is a dark color, and the websafe version is hex **CC9966**. A complement of this color would be **30.5138, 0.2409, 0.2712**, and the grayscale version is **31.3237, 0.3127, 0.3290**.




A 20% lighter version of the original color is **61.4259, 0.3926, 0.3715**, and **12.9065, 0.4456, 0.3923** is the 20% darker color. If you saturate the color by 10%, you get **27.5784, 0.4423, 0.3886**, and if you desaturate by 10%, it is **35.0029, 0.3858, 0.3685**.

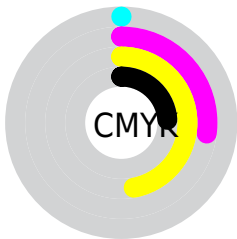
Distribution







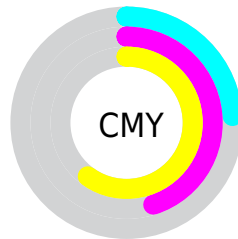
-  Red (76%)
-  Green (55%)
-  Blue (40%)






-  Red (76%)
-  Yellow (65%)
-  Blue (40%)



-  Cyan (0%)
-  Magenta (27%)
-  Yellow (47%)
-  Black (24%)




-  Cyan (24%)
-  Magenta (45%)
-  Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 31.0729, 0.4127, 0.3792 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 31.0729, 0.4127, 0.3792 by changing the saturation by 10% instead.


 31.0729, 0.4127,
0.3792


 31.0729, 0.4127,
0.3792


306.8740, 0.3593,
0.3546

 20.6544, 0.4269,
0.3848


 61.3548, 0.3926,
0.3706


 12.8716, 0.4455,
0.3914


 81.9870, 0.3852,
0.3672

 7.3402, 0.4706,
0.3989


 106.7925, 0.3791,
0.3644

 3.6757, 0.5063,
0.4067

 136.1558, 0.3739,
0.3619

 1.4939, 0.5764,
0.4236

170.4612, 0.3695,
0.3597

 0.2844, 0.6963,
0.3037

210.0931, 0.3656,

 0.0000, 0.0000,

0.3578

0.0000

255.4359, 0.3623,
0.3561

■ 31.0729, 0.4127,
0.3792

■ 31.0729, 0.4127,
0.3792

■ 27.5784, 0.4423,
0.3886

■ 35.0029, 0.3858,
0.3685

■ 24.4984, 0.4736,
0.3957

■ 39.3796, 0.3620,
0.3573

■ 21.8165, 0.5050,
0.3990

■ 44.2191, 0.3412,
0.3462

■ 19.5129, 0.5342,
0.3975

■ 49.5353, 0.3232,
0.3357

■ 17.5647, 0.5591,
0.3908

■ 55.3417, 0.3078,
0.3257

■ 16.9771, 0.5670,
0.3880

■ 61.6509, 0.2945,
0.3165

■ 68.4753, 0.2831,
0.3081

■ 75.6701, 0.2745,
0.3028

■ 82.2379, 0.2756,
0.3153

Harmonies

Analogous

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



31.0729, 0.4076, 0.3396



31.0729, 0.4127, 0.3792



31.0729, 0.3891, 0.4104

Triad

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



31.0729, 0.4127, 0.3792



31.0729, 0.2523, 0.3568



31.0729, 0.2743, 0.2510

Complementary

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



31.0729, 0.4127, 0.3792



30.5138, 0.2409, 0.2712

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.



31.0729, 0.2381, 0.2499



31.0729, 0.4127, 0.3792



31.0729, 0.2261, 0.3064

Square

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



31.0729, 0.4127, 0.3792



31.0729, 0.2957, 0.4017



31.0729, 0.2214, 0.2684



31.0729, 0.3239, 0.2692

Rectangle

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



31.0729, 0.4127, 0.3792



31.0729, 0.3617, 0.4207



31.0729, 0.2214, 0.2684



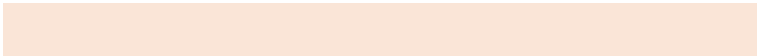
31.0729, 0.2603, 0.2486

Sweetspot

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



31.0744, 0.4127, 0.3792



81.4101, 0.3366, 0.3437



23.4756, 0.3615, 0.2577



17.0356, 0.3407, 0.3460



97.7402, 0.3127, 0.3290



20.4902, 0.3127, 0.3290

Same Dimension

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



31.0744, 0.4127, 0.3792



49.2459, 0.4430, 0.3889



46.5952, 0.3857, 0.4322



10.7427, 0.3279, 0.3385



11.4420, 0.5647, 0.3898



0.6300, 0.5247, 0.4216

Inverse Universe

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



30.5138, 0.2409, 0.2712



48.0704, 0.2265, 0.2556



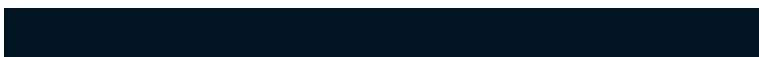
18.3271, 0.2279, 0.1987



10.7116, 0.2984, 0.3193



10.6750, 0.1861, 0.1899



0.5943, 0.1956, 0.2243

Previews

White Background



This preview shows how the Yxy color 31.0729, 0.4127, 0.3792 looks on a white background.

Color Contrast Check

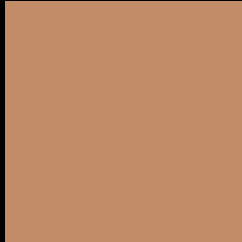
Large Text (above 18pt) WCAG AA × Fail

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 31.0729, 0.4127, 0.3792 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

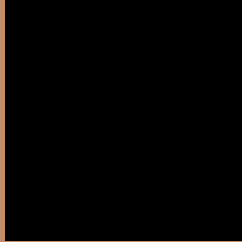
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 31.0729, 0.4127, 0.3792

Background



This preview shows how black text looks on a background with the Yxy color 31.0729, 0.4127, 0.3792.



This preview shows how white text looks on a background with the Yxy color 31.0729, 0.4127, 0.3792.

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

31.0729, 0.4127, 0.3792

Protanopia

31.3257, 0.3673, 0.3962

Deuteranopia

31.1552, 0.3983, 0.3900



Tritanopia

31.2426, 0.3720, 0.3158

Trichromacy



Original Color

31.0729, 0.4127, 0.3792

Protanomaly

31.2191, 0.3835, 0.3907

Deuteranomaly

31.0433, 0.4040, 0.3863

Tritanomaly

31.2388, 0.3875, 0.3387

Monochromacy



Original Color

31.0729, 0.4127, 0.3792

Achromatopsia

31.3989, 0.3127, 0.3290

Achromatomaly

31.1165, 0.3469, 0.3501

CSS Examples

Text

The CSS property to change the color of the text to Yxy 31.0729, 0.4127, 0.3792 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(193, 140, 103)` looks like.

```
.text, #text, p{  
    color:rgb(193, 140, 103)  
}
```

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(193, 140, 103) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(193, 140, 103) }
```

Border

The CSS property to change the border of an element to Yxy 31.0729, 0.4127, 0.3792 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(193, 140, 103) }
```

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

```
.border{ border-color:rgb(193, 140, 103) }
```

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

Here you see how a box with a 4 pixel `rgb(193, 140, 103)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(193, 140, 103); -webkit-box-  
shadow:4px 4px 4px 4px rgb(193, 140, 103);  
box-shadow:4px 4px 4px 4px rgb(193, 140,  
103) }
```


Background

The CSS property to change the background color of an element to $\text{Yxy } 31.0729, 0.4127, 0.3792$ is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(193, 140, 103) }
```

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

```
.background{ background-color: rgb(193,  
140, 103) }
```

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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