

Converting Colors

$Yxy(31.0097, 0.4253, 0.3755)$

Have a look what the booklet for
Yxy(31.0097, 0.4253, 0.3755)
contains.

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Color

Yxy(31.1103, 0.4246, 0.3762)

Conversions

Conversions Part 1

Format	Color
Hex	C88965
RGB	200, 137, 101
RGB Percent	78%, 54%, 40%
CMY	0.2157, 0.4627, 0.6038
CMYK	0.00, 0.31, 0.49, 0.22
HSL	22°, 47%, 59%
HSV	22°, 49%, 78%
XYZ	35.1128, 31.1103, 16.4731
YIQ	151.7330, 49.1040, 2.1600

Conversions

Conversions Part 2

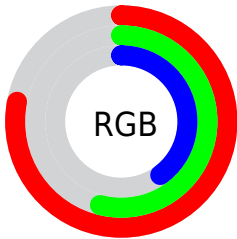
Format	Color
R_{YB}	200, 158, 101
Decimal	13142373
CIE _{Lab}	62.60, 19.97, 28.95
CIE _{LCh}	63, 35.169, 55.399
Yxy	31.1103, 0.4246, 0.3762
Android (android.graphics.Color)	4291332453 (0xFFC88965)
YUV	151.7330, -25.0114, 42.3302
Hunter-Lab	55.7766, 14.7612, 21.5329

Details

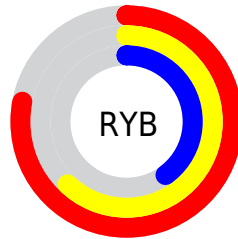
The Yxy color **31.1103, 0.4246, 0.3762** is a dark color, and the websafe version is hex **CC9966**. A complement of this color would be **33.4913, 0.2380, 0.2742**, and the grayscale version is **31.3739, 0.3127, 0.3290**.

A 20% lighter version of the original color is **60.7886, 0.3989, 0.3700**, and **12.9131, 0.4612, 0.3873** is the 20% darker color. If you saturate the color by 10%, you get **27.3583, 0.4567, 0.3839**, and if you desaturate by 10%, it is **35.3876, 0.3954, 0.3669**.

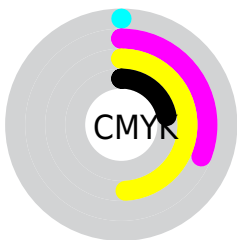
Distribution



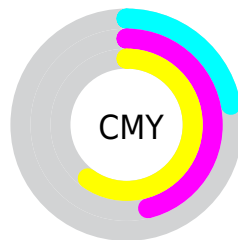
- Red (78%)
- Green (54%)
- Blue (40%)



- Red (78%)
- Yellow (62%)
- Blue (40%)



- Cyan (0%)
- Magenta (31%)
- Yellow (49%)
- Black (22%)





- Cyan (22%)
- Magenta (46%)
- Yellow (60%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 31.1103, 0.4246, 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 31.1103, 0.4246, 0.3762 by changing the saturation by 10% instead.


 31.1103, 0.4246,
0.3762


 31.1103, 0.4246,
0.3762


307.0461, 0.3648,
0.3539

 20.6829, 0.4404,
0.3809


 61.4137, 0.4021,
0.3686

 12.8924, 0.4611,
0.3861


 82.0584, 0.3939,
0.3656

 7.3545, 0.4890,
0.3915


 106.8777, 0.3870,
0.3630

 3.6848, 0.5288,
0.3960

 136.2559, 0.3812,
0.3607

 1.4988, 0.5986,
0.4014

170.5775, 0.3762,
0.3587

 0.2879, 0.7256,
0.2744

210.2268, 0.3719,

 0.0000, 0.0000,

0.3569

0.0000

255.5882, 0.3682,
0.3553

■ 31.1103, 0.4246,
0.3762

■ 31.1103, 0.4246,
0.3762

■ 27.3583, 0.4567,
0.3839

■ 35.3876, 0.3954,
0.3669

■ 24.1053, 0.4906,
0.3889

■ 40.2060, 0.3697,
0.3570

■ 21.3290, 0.5240,
0.3899


■ 45.5863, 0.3474,
0.3471


■ 19.0035, 0.5543,
0.3860

■ 51.5467, 0.3282,
0.3376


■ 17.0942, 0.5794,
0.3776


■ 58.1043, 0.3119,
0.3286

 17.0053, 0.5806,
0.3772

 65.2760, 0.2981,
0.3202

 73.0774, 0.2862,
0.3125

 81.1303, 0.2793,
0.3117

 88.8398, 0.2803,
0.3253

Harmonies

Analogous

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



31.1103, 0.4135, 0.3325



31.1103, 0.4246, 0.3762



31.1103, 0.4030, 0.4136

Triad

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



31.1103, 0.4246, 0.3762



31.1103, 0.2530, 0.3694



31.1103, 0.2622, 0.2421

Complementary

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



31.1103, 0.4246, 0.3762



33.4913, 0.2380, 0.2742

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.



31.1103, 0.2262, 0.2440



31.1103, 0.4246, 0.3762



31.1103, 0.2209, 0.3123

Square

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



31.1103, 0.4246, 0.3762



31.1103, 0.3027, 0.4163



31.1103, 0.2119, 0.2675



31.1103, 0.3149, 0.2591

Rectangle

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



31.1103, 0.4246, 0.3762



31.1103, 0.3746, 0.4286



31.1103, 0.2119, 0.2675



31.1103, 0.2480, 0.2404

Sweetspot

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



31.1118, 0.4246, 0.3762



83.2170, 0.3388, 0.3430



24.3200, 0.3594, 0.2476



17.3479, 0.3430, 0.3450



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.



31.1118, 0.4246, 0.3762



47.1539, 0.4579, 0.3842



47.9761, 0.3930, 0.4330



11.2578, 0.3281, 0.3375



10.9705, 0.5781, 0.3792



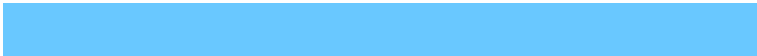
0.6570, 0.5382, 0.4108

Inverse Universe

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



33.4913, 0.2380, 0.2742



51.6425, 0.2245, 0.2603



19.3992, 0.2233, 0.1967



11.3939, 0.2984, 0.3204



12.5243, 0.1907, 0.2065



0.7273, 0.1986, 0.2350

Previews

White Background



This preview shows how the Yxy color 31.1103, 0.4246, 0.3762 looks on a white background.

Color Contrast Check

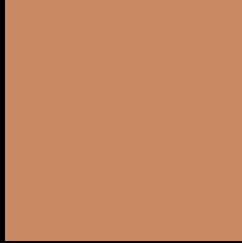
Large Text (above 18pt) WCAG AA × Fail

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 31.1103, 0.4246, 0.3762 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

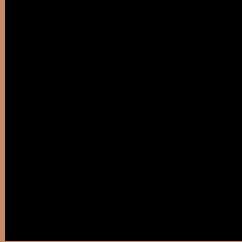
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 31.1103, 0.4246, 0.3762

Background



This preview shows how black text looks on a background with the Yxy color 31.1103, 0.4246, 0.3762.



This preview shows how white text looks on a background with the Yxy color 31.1103, 0.4246, 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

31.1103, 0.4246, 0.3762

Protanopia

31.4105, 0.3693, 0.3974

Deuteranopia

31.0967, 0.4014, 0.3941



Tritanopia

31.1520, 0.3833, 0.3162

Trichromacy



Original Color

31.1103, 0.4246, 0.3762

Protanomaly

31.2345, 0.3884, 0.3899

Deuteranomaly

31.0849, 0.4101, 0.3868

Tritanomaly

31.1391, 0.3990, 0.3384

Monochromacy



Original Color

31.1103, 0.4246, 0.3762

Achromatopsia

31.3989, 0.3127, 0.3290

Achromatomaly

30.9959, 0.3504, 0.3500

CSS Examples

Text

The CSS property to change the color of the text to Yxy 31.1103, 0.4246, 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(200, 137, 101)` looks like.

```
.text, #text, p{  
    color:rgb(200, 137, 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(200, 137, 101) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(200, 137, 101) }
```

Border

The CSS property to change the border of an element to Yxy 31.1103, 0.4246, 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(200, 137, 101) }
```

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

```
.border{ border-color:rgb(200, 137, 101) }
```

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

Here you see how a box with a 4 pixel `rgb(200, 137, 101)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(200, 137, 101); -webkit-box-  
shadow:4px 4px 4px 4px rgb(200, 137, 101);  
box-shadow:4px 4px 4px 4px rgb(200, 137,  
101) }
```


Background

The CSS property to change the background color of an element to Yxy 31.1103, 0.4246, 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(200, 137, 101) }
```

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

```
.background{ background-color: rgb(200,  
137, 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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