

Converting Colors

Yxy(31.6486, 0.4107, 0.3622)

Have a look what the booklet for
Yxy(31.6486, 0.4107, 0.3622)
contains.

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Color

Yxy(31.6486, 0.4107, 0.3622)

Conversions

Conversions Part 1

Format	Color
Hex	C88A71
RGB	200, 138, 113
RGB Percent	78%, 54%, 44%
CMY	0.2157, 0.4588, 0.5568
CMYK	0.00, 0.31, 0.43, 0.22
HSL	17°, 44%, 61%
HSV	17°, 43%, 78%
XYZ	35.8865, 31.6486, 19.8437
YIQ	153.6880, 44.9770, 5.3690

Conversions

Conversions Part 2

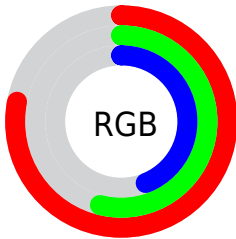
Format	Color
R _Y B	200, 148, 113
Decimal	13142641
CIE Lab	63.05, 20.64, 22.90
CIE LCh	63, 30.834, 47.969
Yxy	31.6486, 0.4107, 0.3622
Android (android.graphics.Color)	4291332721 (0xFFC88A71)
YUV	153.6880, -20.0592, 40.6156
Hunter-Lab	56.2571, 15.4155, 18.4664

Details

The Yxy color **31.6486, 0.4107, 0.3622** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **38.3368, 0.2482, 0.2922**, and the grayscale version is **32.2469, 0.3127, 0.3290**.

A 20% lighter version of the original color is **61.6759, 0.3876, 0.3575**, and **13.2904, 0.4434, 0.3696** is the 20% darker color. If you saturate the color by 10%, you get **27.4233, 0.4437, 0.3690**, and if you desaturate by 10%, it is **36.5128, 0.3817, 0.3545**.

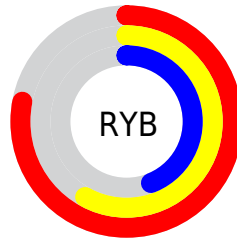
Distribution



Red (78%)

Green (54%)

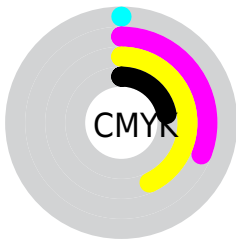
Blue (44%)



Red (78%)

Yellow (58%)

Blue (44%)

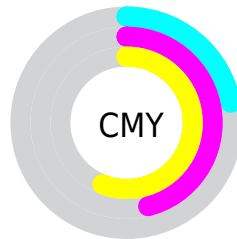


Cyan (0%)

Magenta (31%)

Yellow (43%)

Black (22%)



Cyan (22%)


Magenta (46%)


Yellow (56%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 31.6486, 0.4107, 0.3622 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 31.6486, 0.4107, 0.3622 by changing the saturation by 10% instead.


 31.6486, 0.4107,
0.3622


 31.6486, 0.4107,
0.3622


309.5154, 0.3582,
0.3466


 21.0932, 0.4248,
0.3655


 62.2598, 0.3908,
0.3569

 13.1922, 0.4435,
0.3693


 83.0844, 0.3836,
0.3548

 7.5610, 0.4692,
0.3733


 108.1009, 0.3776,
0.3529

 3.8154, 0.5060,
0.3763

 137.6937, 0.3725,
0.3513

 1.5708, 0.6004,
0.3996

172.2471, 0.3682,
0.3499

 0.3378, 0.7095,
0.2905

212.1456, 0.3644,

 0.0000, 0.0000,

0.3487

0.0000

257.7736, 0.3611,
0.3476

■ 31.6486, 0.4107,
0.3622

■ 31.6486, 0.4107,
0.3622

■ 27.4233, 0.4437,
0.3690

■ 36.5128, 0.3817,
0.3545

■ 23.8050, 0.4799,
0.3741

■ 42.0369, 0.3569,
0.3465

■ 20.7658, 0.5175,
0.3761


■ 48.2465, 0.3359,
0.3388


■ 18.2735, 0.5534,
0.3741

■ 55.1645, 0.3182,
0.3314

■ 16.2921, 0.5838,
0.3675

■ 62.8128, 0.3033,
0.3246

 15.2514, 0.6001,
0.3617

 71.2121, 0.2908,
0.3184

 80.3825, 0.2803,
0.3127

 89.1288, 0.2803,
0.3258

 91.0175, 0.2805,
0.3289

Harmonies

Analogous

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



31.6486, 0.3935, 0.3232



31.6486, 0.4107, 0.3622



31.6486, 0.3990, 0.3969

Triad

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



31.6486, 0.4107, 0.3622



31.6486, 0.2704, 0.3757



31.6486, 0.2590, 0.2509

Complementary

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



31.6486, 0.4107, 0.3622



38.3368, 0.2482, 0.2922

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.



31.6486, 0.2313, 0.2577



31.6486, 0.4107, 0.3622



31.6486, 0.2372, 0.3269

Square

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



31.6486, 0.4107, 0.3622



31.6486, 0.3166, 0.4104



31.6486, 0.2237, 0.2838



31.6486, 0.3026, 0.2619

Rectangle

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



31.6486, 0.4107, 0.3622



31.6486, 0.3776, 0.4126



31.6486, 0.2237, 0.2838



31.6486, 0.2477, 0.2510

Sweetspot

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



31.6501, 0.4107, 0.3622



83.8895, 0.3353, 0.3385



27.1994, 0.3449, 0.2502



17.4162, 0.3397, 0.3403



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.



31.6501, 0.4107, 0.3622



47.9943, 0.4411, 0.3686



46.5758, 0.3862, 0.4149



11.1252, 0.3282, 0.3357



9.8332, 0.5976, 0.3637



0.5924, 0.5554, 0.3972

Inverse Universe

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



38.3368, 0.2482, 0.2922



60.9552, 0.2362, 0.2828



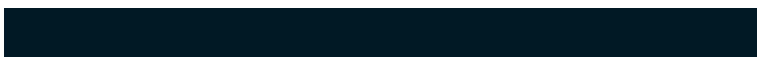
24.1450, 0.2368, 0.2245



11.5325, 0.2984, 0.3222



15.2101, 0.1982, 0.2336



0.8397, 0.2044, 0.2558

Previews

White Background



This preview shows how the Yxy color 31.6486, 0.4107, 0.3622 looks on a white background.

Color Contrast Check

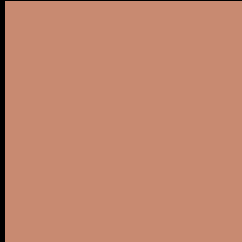
Large Text (above 18pt) WCAG AA × Fail

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 31.6486, 0.4107, 0.3622 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

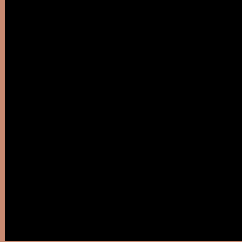
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 31.6486, 0.4107, 0.3622

Background



This preview shows how black text looks on a background with the Yxy color 31.6486, 0.4107, 0.3622.



This preview shows how white text looks on a background with the Yxy color 31.6486, 0.4107, 0.3622.

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

31.6486, 0.4107, 0.3622

Protanopia

31.9251, 0.3551, 0.3793

Deuteranopia

31.8389, 0.3867, 0.3805



Tritanopia

31.7603, 0.3802, 0.3162

Trichromacy



Original Color

31.6486, 0.4107, 0.3622

Protanomaly

31.6943, 0.3744, 0.3743

Deuteranomaly

31.8077, 0.3951, 0.3736

Tritanomaly

31.5780, 0.3915, 0.3319

Monochromacy



Original Color

31.6486, 0.4107, 0.3622

Achromatopsia

32.3143, 0.3127, 0.3290

Achromatomaly

31.7018, 0.3460, 0.3423

CSS Examples

Text

The CSS property to change the color of the text to Yxy 31.6486, 0.4107, 0.3622 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, 138, 113)` looks like.

```
.text, #text, p{  
    color:rgb(200, 138, 113)  
}
```

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, 138, 113) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(200, 138, 113) }
```

Border

The CSS property to change the border of an element to Yxy 31.6486, 0.4107, 0.3622 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, 138, 113) }
```

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

```
.border{ border-color:rgb(200, 138, 113) }
```

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

Here you see how a box with a 4 pixel `rgb(200, 138, 113)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(200, 138, 113); -webkit-box-  
shadow:4px 4px 4px 4px rgb(200, 138, 113);  
box-shadow:4px 4px 4px 4px rgb(200, 138,  
113) }
```


Background

The CSS property to change the background color of an element to Yxy 31.6486, 0.4107, 0.3622 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(200, 138, 113) }
```

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

```
.background{ background-color: rgb(200,  
138, 113) }
```

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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