

Converting Colors

$Yxy(31.5869, 0.4286, 0.3911)$

Have a look what the booklet for
Yxy(31.5869, 0.4286, 0.3911)
contains.

Yxy(31.5522, 0.4287, 0.3904)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(31.5522, 0.4287, 0.3904)

Conversions

Conversions Part 1

Format	Color
Hex	C68C5D
RGB	198, 140, 93
RGB Percent	78%, 55%, 36%
CMY	0.2234, 0.4510, 0.6353
CMYK	0.00, 0.29, 0.53, 0.22
HSL	27°, 48%, 57%
HSV	27°, 53%, 78%
XYZ	34.6476, 31.5522, 14.6204
YIQ	151.9840, 49.6550, -2.3210

Conversions

Conversions Part 2

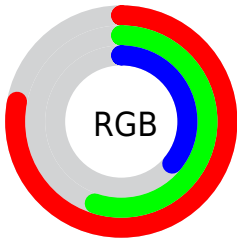
Format	Color
RYB	198, 178, 93
Decimal	13012061
CIELab	62.97, 16.78, 33.74
CIElCh	63, 37.686, 63.555
Yxy	31.5522, 0.4287, 0.3904
Android (android.graphics.Color)	4291202141 (0xFFC68C5D)
YUV	151.9840, -29.0791, 40.3560
Hunter-Lab	56.1713, 11.8025, 23.8878

Details

The Yxy color **31.5522, 0.4287, 0.3904** 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 **28.5503, 0.2304, 0.2551**, and the grayscale version is **31.5052, 0.3127, 0.3290**.

A 20% lighter version of the original color is **61.8572, 0.4040, 0.3811**, and **13.1645, 0.4650, 0.4050** is the 20% darker color. If you saturate the color by 10%, you get **28.2068, 0.4581, 0.3993**, and if you desaturate by 10%, it is **35.3095, 0.4011, 0.3795**.

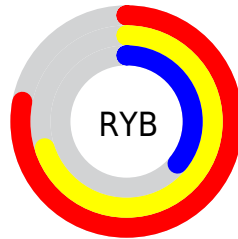
Distribution



Red (78%)

Green (55%)

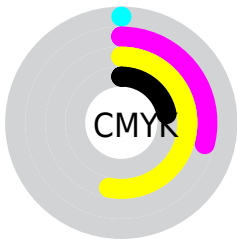
Blue (36%)



Red (78%)

Yellow (70%)

Blue (36%)

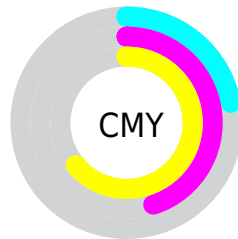


Cyan (0%)

Magenta (29%)

Yellow (53%)

Black (22%)



Cyan (22%)


Magenta (45%)


Yellow (64%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 31.5522, 0.4287, 0.3904 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 31.5522, 0.4287, 0.3904 by changing the saturation by 10% instead.

 31.5522, 0.4287,
0.3904

 31.5522, 0.4287,
0.3904


309.0743, 0.3674,
0.3610

 21.0197, 0.4446,
0.3967


 62.1084, 0.4059,
0.3803

 13.1384, 0.4650,
0.4038

 82.9009, 0.3974,
0.3763

 7.5239, 0.4918,
0.4113


 107.8822, 0.3903,
0.3729

 3.7919, 0.5330,
0.4214

 137.4367, 0.3843,
0.3699

 1.5578, 0.5812,
0.4188

171.9487, 0.3792,
0.3672

 0.3289, 0.6871,
0.3129

211.8028, 0.3747,

 0.0000, 0.0000,

0.3649

0.0000

257.3831, 0.3708,
0.3628

■ 31.5522, 0.4287,
0.3904

■ 31.5522, 0.4287,
0.3904

■ 28.2068, 0.4581,
0.3993

■ 35.3095, 0.4011,
0.3795

■ 25.2524, 0.4880,
0.4048

■ 39.4895, 0.3761,
0.3676

■ 22.6725, 0.5165,
0.4058

■ 44.1079, 0.3538,
0.3554

■ 20.4470, 0.5415,
0.4015

■ 49.1783, 0.3343,
0.3436

■ 19.0880, 0.5568,
0.3961

■ 54.7136, 0.3174,
0.3323

■ 60.7263, 0.3027,
0.3217

■ 67.2281, 0.2901,
0.3120

■ 74.2303, 0.2792,
0.3030

■ 80.6545, 0.2781,
0.3113

Harmonies

Analogous

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



31.5522, 0.4271, 0.3448



31.5522, 0.4287, 0.3904



31.5522, 0.3972, 0.4267

Triad

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



31.5522, 0.4287, 0.3904



31.5522, 0.2376, 0.3553



31.5522, 0.2727, 0.2401

Complementary

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



31.5522, 0.4287, 0.3904



28.5503, 0.2304, 0.2551

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.



31.5522, 0.2292, 0.2362



31.5522, 0.4287, 0.3904



31.5522, 0.2103, 0.2959

Square

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



31.5522, 0.4287, 0.3904



31.5522, 0.2861, 0.4117



31.5522, 0.2077, 0.2543



31.5522, 0.3317, 0.2628

Rectangle

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



31.5522, 0.4287, 0.3904



31.5522, 0.3636, 0.4381



31.5522, 0.2077, 0.2543



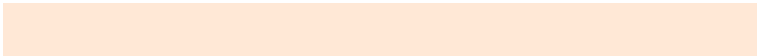
31.5522, 0.2560, 0.2365

Sweetspot

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



31.5538, 0.4287, 0.3904



84.0951, 0.3403, 0.3473



22.1224, 0.3762, 0.2528



17.5957, 0.3443, 0.3498



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.



31.5538, 0.4287, 0.3904



48.8748, 0.4639, 0.4006



50.0715, 0.3931, 0.4483



11.4052, 0.3279, 0.3394



12.5754, 0.5546, 0.3979



0.7395, 0.5194, 0.4258

Inverse Universe

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



28.5503, 0.2304, 0.2551



42.9325, 0.2141, 0.2347



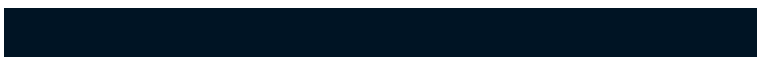
15.5209, 0.2136, 0.1721



11.2429, 0.2983, 0.3184



9.9942, 0.1825, 0.1771



0.6163, 0.1922, 0.2118

Previews

White Background



This preview shows how the Yxy color 31.5522, 0.4287, 0.3904 looks on a white background.

Color Contrast Check

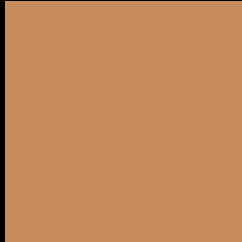
Large Text (above 18pt) WCAG AA × Fail

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 31.5522, 0.4287, 0.3904 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

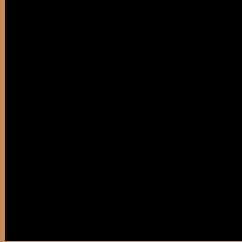
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 31.5522, 0.4287, 0.3904

Background



This preview shows how black text looks on a background with the Yxy color 31.5522, 0.4287, 0.3904.



This preview shows how white text looks on a background with the Yxy color 31.5522, 0.4287, 0.3904.

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

31.5522, 0.4287, 0.3904

Protanopia

31.7713, 0.3796, 0.4114

Deuteranopia

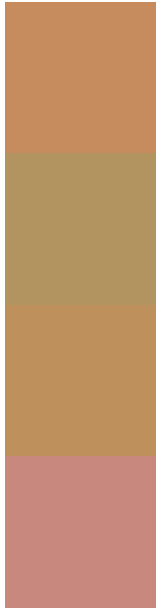
31.6448, 0.4110, 0.4036



Tritanopia

31.6204, 0.3791, 0.3161

Trichromacy



Original Color

31.5522, 0.4287, 0.3904

Protanomaly

31.4893, 0.3979, 0.4034

Deuteranomaly

31.6664, 0.4179, 0.3993

Tritanomaly

31.5065, 0.3993, 0.3438

Monochromacy



Original Color

31.5522, 0.4287, 0.3904

Achromatopsia

31.3989, 0.3127, 0.3290

Achromatomaly

31.2535, 0.3521, 0.3545

CSS Examples

Text

The CSS property to change the color of the text to Yxy 31.5522, 0.4287, 0.3904 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(198, 140, 93)` looks like.

```
.text, #text, p{  
    color:rgb(198, 140, 93)  
}
```

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(198, 140, 93) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(198, 140, 93) }
```

Border

The CSS property to change the border of an element to Yxy 31.5522, 0.4287, 0.3904 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(198, 140, 93) }
```

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

```
.border{ border-color:rgb(198, 140, 93) }
```

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

Here you see how a box with a 4 pixel `rgb(198, 140, 93)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(198, 140, 93); -webkit-box-  
shadow:4px 4px 4px 4px rgb(198, 140, 93);  
box-shadow:4px 4px 4px 4px rgb(198, 140,  
93) }
```


Background

The CSS property to change the background color of an element to Yxy 31.5522, 0.4287, 0.3904 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(198, 140, 93) }
```

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

```
.background{ background-color: rgb(198,  
140, 93) }
```

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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