

Converting Colors

$Y_{xy}(31.5504, 0.4357, 0.4019)$

Have a look what the booklet for
Yxy(31.5504, 0.4357, 0.4019)
contains.

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Color

Yxy(31.5602, 0.4357, 0.4026)

Conversions

Conversions Part 1

Format	Color
Hex	C58D54
RGB	197, 141, 84
RGB Percent	77%, 55%, 33%
CMY	0.2274, 0.4471, 0.6706
CMYK	0.00, 0.28, 0.57, 0.23
HSL	30°, 49%, 55%
HSV	30°, 57%, 77%
XYZ	34.1549, 31.5602, 12.6758
YIQ	151.2460, 51.6730, -5.8550

Conversions

Conversions Part 2

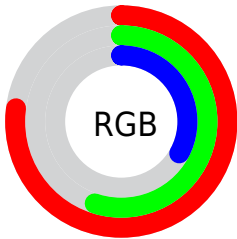
Format	Color
RYB	195, 197, 84
Decimal	12946772
CIELab	62.98, 15.05, 38.51
CIElCh	63, 41.349, 68.651
Yxy	31.5602, 0.4357, 0.4026
Android (android.graphics.Color)	4291136852 (0xFFC58D54)
YUV	151.2460, -33.1523, 40.1263
Hunter-Lab	56.1785, 10.2107, 25.9470

Details

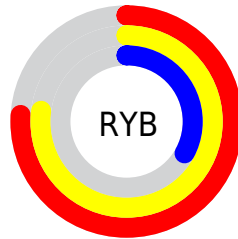
The Yxy color **31.5602, 0.4357, 0.4026** is a dark color, and the websafe version is hex **CC9966**. The color can be described as middle muted orange. A complement of this color would be **24.6760, 0.2219, 0.2369**, and the grayscale version is **31.1872, 0.3127, 0.3290**.

A 20% lighter version of the original color is **62.0395, 0.4106, 0.3911**, and **13.1850, 0.4724, 0.4187** is the 20% darker color. If you saturate the color by 10%, you get **28.5413, 0.4630, 0.4115**, and if you desaturate by 10%, it is **34.9229, 0.4092, 0.3911**.

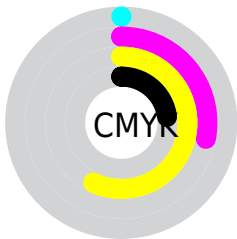
Distribution



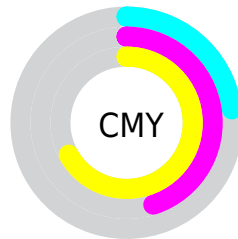
- Red (77%)
- Green (55%)
- Blue (33%)



- Red (76%)
- Yellow (77%)
- Blue (33%)



- Cyan (0%)
- Magenta (28%)
- Yellow (57%)
- Black (23%)





- Cyan (23%)
- Magenta (45%)
- Yellow (67%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 31.5602, 0.4357, 0.4026 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 31.5602, 0.4357, 0.4026 by changing the saturation by 10% instead.

 31.5602, 0.4357,
0.4026


 31.5602, 0.4357,
0.4026


309.1109, 0.3713,
0.3673

 21.0258, 0.4520,
0.4100


 62.1210, 0.4120,
0.3906

 13.1429, 0.4725,
0.4183


 82.9162, 0.4031,
0.3858

 7.5270, 0.4986,
0.4266


 107.9004, 0.3956,
0.3817

 3.7938, 0.5465,
0.4445

 137.4580, 0.3893,
0.3780

 1.5589, 0.5721,
0.4279

 171.9735, 0.3838,
0.3749

 0.3297, 0.6738,
0.3262

211.8312, 0.3791,

 0.0000, 0.0000,

0.3721

0.0000

257.4156, 0.3749,
0.3696

■ 31.5602, 0.4357,
0.4026

■ 31.5602, 0.4357,
0.4026

■ 28.5413, 0.4630,
0.4115

■ 34.9229, 0.4092,
0.3911

■ 25.8477, 0.4897,
0.4164

■ 38.6378, 0.3845,
0.3781

■ 23.4652, 0.5141,
0.4164

■ 42.7183, 0.3621,
0.3646

■ 21.3746, 0.5348,
0.4111

■ 47.1759, 0.3420,
0.3511

■ 20.8670, 0.5401,
0.4094

■ 52.0214, 0.3243,
0.3381

■ 57.2649, 0.3088,
0.3259

■ 62.9164, 0.2953,
0.3145

■ 68.9852, 0.2836,
0.3039

■ 75.0677, 0.2767,
0.3008

Harmonies

Analogous

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



31.5602, 0.4413, 0.3538



31.5602, 0.4357, 0.4026



31.5602, 0.3957, 0.4401

Triad

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



31.5602, 0.4357, 0.4026



31.5602, 0.2239, 0.3457



31.5602, 0.2788, 0.2356

Complementary

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



31.5602, 0.4357, 0.4026



24.6760, 0.2219, 0.2369

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.



31.5602, 0.2282, 0.2274



31.5602, 0.4357, 0.4026



31.5602, 0.1992, 0.2826

Square

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



31.5602, 0.4357, 0.4026



31.5602, 0.2729, 0.4117



31.5602, 0.2010, 0.2422



31.5602, 0.3448, 0.2630

Rectangle

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



31.5602, 0.4357, 0.4026



31.5602, 0.3570, 0.4497



31.5602, 0.2010, 0.2422



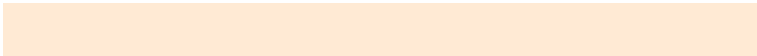
31.5602, 0.2596, 0.2305

Sweetspot

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



31.5618, 0.4357, 0.4026



84.5650, 0.3418, 0.3509



20.1201, 0.3953, 0.2568



17.7396, 0.3457, 0.3537



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.



31.5618, 0.4357, 0.4026



49.7534, 0.4703, 0.4132



52.4556, 0.3940, 0.4633



11.5062, 0.3277, 0.3407



13.8892, 0.5381, 0.4110



0.8025, 0.5069, 0.4357

Inverse Universe

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



24.6760, 0.2219, 0.2369



36.2511, 0.2045, 0.2120



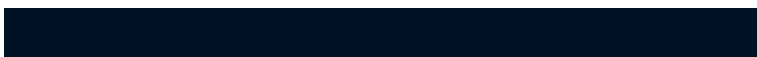
12.2548, 0.2025, 0.1468



11.1413, 0.2983, 0.3171



8.5200, 0.1772, 0.1579



0.5483, 0.1878, 0.1960

Previews

White Background



This preview shows how the Yxy color 31.5602, 0.4357, 0.4026 looks on a white background.

Color Contrast Check

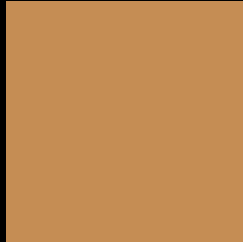
Large Text (above 18pt) WCAG AA × Fail

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 31.5602, 0.4357, 0.4026 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

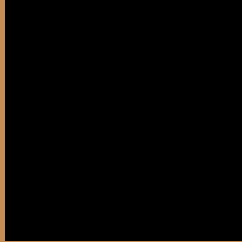
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 31.5602, 0.4357, 0.4026

Background



This preview shows how black text looks on a background with the Yxy color 31.5602, 0.4357, 0.4026.



This preview shows how white text looks on a background with the Yxy color 31.5602, 0.4357, 0.4026.

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

31.5602, 0.4357, 0.4026

Protanopia

31.7025, 0.3899, 0.4249

Deuteranopia

31.7471, 0.4216, 0.4140



Tritanopia

31.6204, 0.3791, 0.3161

Trichromacy



Original Color

31.5602, 0.4357, 0.4026

Protanomaly

31.6480, 0.4058, 0.4165

Deuteranomaly

31.6474, 0.4276, 0.4098

Tritanomaly

31.5758, 0.4011, 0.3491

Monochromacy



Original Color

31.5602, 0.4357, 0.4026

Achromatopsia

30.9469, 0.3127, 0.3290

Achromatomaly

30.7246, 0.3555, 0.3592

CSS Examples

Text

The CSS property to change the color of the text to Yxy 31.5602, 0.4357, 0.4026 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(197, 141, 84)` looks like.

```
.text, #text, p{  
    color:rgb(197, 141, 84)  
}
```

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(197, 141, 84) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(197, 141, 84) }
```

Border

The CSS property to change the border of an element to Yxy 31.5602, 0.4357, 0.4026 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(197, 141, 84) }
```

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

```
.border{ border-color:rgb(197, 141, 84) }
```

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

Here you see how a box with a 4 pixel rgb(197, 141, 84) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(197, 141, 84); -webkit-box-  
shadow:4px 4px 4px 4px rgb(197, 141, 84);  
box-shadow:4px 4px 4px 4px rgb(197, 141,  
84) }
```


Background

The CSS property to change the background color of an element to Yxy 31.5602, 0.4357, 0.4026 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(197, 141, 84) }
```

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

```
.background{ background-color: rgb(197,  
141, 84) }
```

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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