

Converting Colors

$Yxy(31.0156, 0.4334, 0.4010)$

Have a look what the booklet for
Yxy(31.0156, 0.4334, 0.4010)
contains.

Yxy(31.0141, 0.4334, 0.4010)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(31.0141, 0.4334, 0.4010)

Conversions

Conversions Part 1

Format	Color
Hex	C38C55
RGB	195, 140, 85
RGB Percent	76%, 55%, 33%
CMY	0.2353, 0.4509, 0.6668
CMYK	0.00, 0.28, 0.56, 0.24
HSL	30°, 48%, 55%
HSV	30°, 56%, 76%
XYZ	33.5200, 31.0141, 12.8078
YIQ	150.1750, 50.4350, -5.4450

Conversions

Conversions Part 2

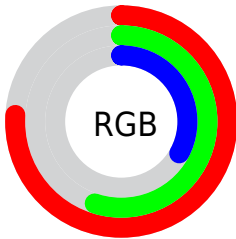
Format	Color
RYB	195, 195, 85
Decimal	12815445
CIELab	62.52, 14.81, 37.38
CIElCh	63, 40.211, 68.387
Yxy	31.0141, 0.4334, 0.4010
Android (android.graphics.Color)	4291005525 (0xFFC38C55)
YUV	150.1750, -32.1313, 39.3115
Hunter-Lab	55.6903, 9.9811, 25.3475

Details

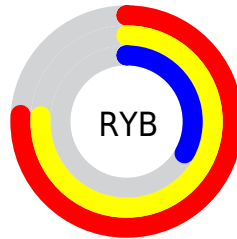
The Yxy color **31.0141, 0.4334, 0.4010** is a dark color, and the websafe version is hex **CC9966**. The color can be described as middle muted orange. A complement of this color would be **24.6099, 0.2235, 0.2395**, and the grayscale version is **30.7001, 0.3127, 0.3290**.

A 20% lighter version of the original color is **61.4320, 0.4095, 0.3893**, and **12.8492, 0.4700, 0.4173** is the 20% darker color. If you saturate the color by 10%, you get **28.0245, 0.4608, 0.4101**, and if you desaturate by 10%, it is **34.3443, 0.4070, 0.3894**.

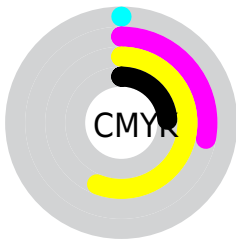
Distribution



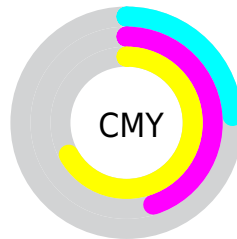
- Red (76%)
- Green (55%)
- Blue (33%)



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



- Cyan (0%)
- Magenta (28%)
- Yellow (56%)
- Black (24%)





- Cyan (24%)
- Magenta (45%)
- Yellow (67%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 31.0141, 0.4334, 0.4010 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 31.0141, 0.4334, 0.4010 by changing the saturation by 10% instead.


 31.0141, 0.4334,
0.4010

 31.0141, 0.4334,
0.4010

306.6033, 0.3699,
0.3663

 20.6096, 0.4496,
0.4084


 61.2623, 0.4099,
0.3891


 12.8389, 0.4701,
0.4168


 81.8747, 0.4012,
0.3844


 7.3177, 0.4963,
0.4253


 106.6586, 0.3938,
0.3803

 3.6616, 0.5445,
0.4433

 135.9983, 0.3876,
0.3768

 1.4861, 0.5721,
0.4279

 170.2782, 0.3822,
0.3736

 0.2789, 0.6920,
0.3080

209.8828, 0.3776,

 0.0000, 0.0000,

0.3709

0.0000

255.1963, 0.3735,
0.3685

■ 31.0141, 0.4334,
0.4010

■ 31.0141, 0.4334,
0.4010

■ 28.0245, 0.4608,
0.4101

■ 34.3443, 0.4070,
0.3894

■ 25.3572, 0.4878,
0.4154

■ 38.0232, 0.3824,
0.3764

■ 22.9985, 0.5127,
0.4159

■ 42.0641, 0.3601,
0.3630

■ 20.9305, 0.5340,
0.4109

■ 46.4782, 0.3402,
0.3496

■ 20.2521, 0.5412,
0.4085

■ 51.2760, 0.3228,
0.3368

■ 56.4677, 0.3075,
0.3248

■ 62.0629, 0.2942,
0.3136

■ 68.0709, 0.2826,
0.3032

■ 74.1441, 0.2754,
0.2994

Harmonies

Analogous

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



31.0141, 0.4384, 0.3531



31.0141, 0.4334, 0.4010



31.0141, 0.3947, 0.4376

Triad

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



31.0141, 0.4334, 0.4010



31.0141, 0.2260, 0.3461



31.0141, 0.2791, 0.2371

Complementary

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



31.0141, 0.4334, 0.4010



24.6099, 0.2235, 0.2395

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.



31.0141, 0.2296, 0.2294



31.0141, 0.4334, 0.4010



31.0141, 0.2015, 0.2842

Square

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



31.0141, 0.4334, 0.4010



31.0141, 0.2744, 0.4101



31.0141, 0.2030, 0.2443



31.0141, 0.3436, 0.2640

Rectangle

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



31.0141, 0.4334, 0.4010



31.0141, 0.3568, 0.4470



31.0141, 0.2030, 0.2443



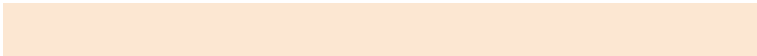
31.0141, 0.2603, 0.2323

Sweetspot

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



31.0156, 0.4334, 0.4010



82.5640, 0.3418, 0.3508



19.9858, 0.3932, 0.2578



17.7161, 0.3457, 0.3535



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.



31.0156, 0.4334, 0.4010



48.8867, 0.4680, 0.4119



51.2799, 0.3928, 0.4615



10.8918, 0.3277, 0.3405



13.3330, 0.5391, 0.4102



0.7140, 0.5055, 0.4369

Inverse Universe

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



24.6099, 0.2235, 0.2395



36.2749, 0.2061, 0.2151



12.3621, 0.2046, 0.1502



10.5609, 0.2984, 0.3172



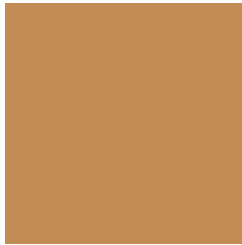
8.3387, 0.1776, 0.1594



0.4982, 0.1889, 0.2001

Previews

White Background



This preview shows how the Yxy color 31.0141, 0.4334, 0.4010 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 31.0141, 0.4334, 0.4010 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

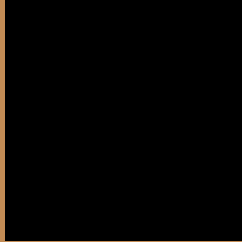
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 31.0141, 0.4334, 0.4010

Background



This preview shows how black text looks on a background with the Yxy color 31.0141, 0.4334, 0.4010.



This preview shows how white text looks on a background with the Yxy color 31.0141, 0.4334, 0.4010.

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

31.0141, 0.4334, 0.4010

Protanopia

31.2847, 0.3885, 0.4227

Deuteranopia

30.9009, 0.4201, 0.4111



Tritanopia

31.0376, 0.3784, 0.3160

Trichromacy



Original Color

31.0141, 0.4334, 0.4010

Protanomaly

31.2315, 0.4045, 0.4144

Deuteranomaly

31.1038, 0.4253, 0.4082

Tritanomaly

31.0192, 0.3994, 0.3480

Monochromacy



Original Color

31.0141, 0.4334, 0.4010

Achromatopsia

30.4987, 0.3127, 0.3290

Achromatomaly

30.1711, 0.3547, 0.3595

CSS Examples

Text

The CSS property to change the color of the text to Yxy 31.0141, 0.4334, 0.4010 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(195, 140, 85)` looks like.

```
.text, #text, p{  
    color:rgb(195, 140, 85)  
}
```

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(195, 140, 85) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(195, 140, 85) }
```

Border

The CSS property to change the border of an element to Yxy 31.0141, 0.4334, 0.4010 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(195, 140, 85) }
```

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

```
.border{ border-color:rgb(195, 140, 85) }
```

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

Here you see how a box with a 4 pixel `rgb(195, 140, 85)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(195, 140, 85); -webkit-box-  
shadow:4px 4px 4px 4px rgb(195, 140, 85);  
box-shadow:4px 4px 4px 4px rgb(195, 140,  
85) }
```


Background

The CSS property to change the background color of an element to Yxy 31.0141, 0.4334, 0.4010 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(195, 140, 85) }
```

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

```
.background{ background-color: rgb(195,  
140, 85) }
```

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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