

Converting Colors

$Yxy(34.0291, 0.4347, 0.3959)$

Have a look what the booklet for
Yxy(34.0291, 0.4347, 0.3959)
contains.

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Color

Yxy(34.1279, 0.4351, 0.3964)

Conversions

Conversions Part 1

Format	Color
Hex	CE915B
RGB	206, 145, 91
RGB Percent	81%, 57%, 36%
CMY	0.1923, 0.4313, 0.6432
CMYK	0.00, 0.30, 0.56, 0.19
HSL	28°, 54%, 58%
HSV	28°, 56%, 81%
XYZ	37.4598, 34.1279, 14.5069
YIQ	157.0830, 53.6900, -3.8620

Conversions

Conversions Part 2

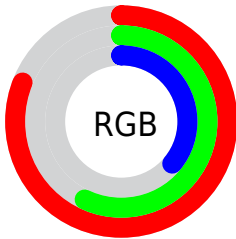
Format	Color
R_{YB}	206, 193, 91
Decimal	13537627
CIE _{Lab}	65.06, 17.17, 37.62
CIE _{LCh}	65, 41.352, 65.459
Yxy	34.1279, 0.4351, 0.3964
Android (android.graphics.Color)	4291727707 (0xFFCE915B)
YUV	157.0830, -32.5789, 42.9002
Hunter-Lab	58.4191, 12.2252, 26.1702

Details

The Yxy color **34.1279, 0.4351, 0.3964** 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 **29.1115, 0.2253, 0.2460**, and the grayscale version is **33.8875, 0.3127, 0.3290**.

A 20% lighter version of the original color is **64.0598, 0.4032, 0.3881**, and **14.4757, 0.4713, 0.4097** is the 20% darker color. If you saturate the color by 10%, you get **30.6434, 0.4639, 0.4050**, and if you desaturate by 10%, it is **38.0340, 0.4076, 0.3854**.

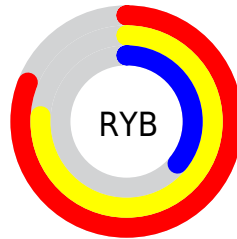
Distribution



Red (81%)

Green (57%)

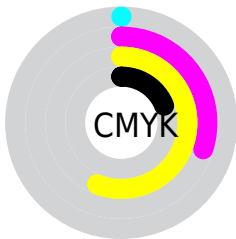
Blue (36%)



Red (81%)

Yellow (76%)

Blue (36%)

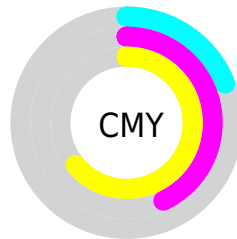


Cyan (0%)

Magenta (30%)

Yellow (56%)

Black (19%)



Cyan (19%)


Magenta (43%)


Yellow (64%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 34.1279, 0.4351, 0.3964 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 34.1279, 0.4351, 0.3964 by changing the saturation by 10% instead.

 34.1279, 0.4351,
0.3964


 34.1279, 0.4351,
0.3964


320.7020, 0.3715,
0.3648


 22.9919, 0.4511,
0.4029


 66.1325, 0.4117,
0.3858


 14.5875, 0.4713,
0.4102


 87.7699, 0.4030,
0.3815

 8.5304, 0.4971,
0.4175


 113.6765, 0.3957,
0.3777

 4.4362, 0.5356,
0.4268

 144.2368, 0.3894,
0.3745

 1.9204, 0.5772,
0.4228

179.8350, 0.3840,
0.3716

 0.5606, 0.6306,
0.3694

220.8557, 0.3793,

 0.0000, 0.0000,

0.3691

0.0000

267.6832, 0.3751,
0.3668

■ 34.1279, 0.4351,
0.3964

■ 34.1279, 0.4351,
0.3964

■ 30.6434, 0.4639,
0.4050

■ 38.0340, 0.4076,
0.3854

■ 27.5581, 0.4925,
0.4098

■ 42.3725, 0.3823,
0.3731

■ 24.8549, 0.5192,
0.4097

■ 47.1599, 0.3595,
0.3603

■ 22.5121, 0.5419,
0.4042

■ 52.4104, 0.3394,
0.3478

■ 21.6287, 0.5506,
0.4010

■ 58.1372, 0.3219,
0.3357

■ 64.3531, 0.3066,
0.3244

■ 71.0703, 0.2934,
0.3139

■ 78.2516, 0.2824,
0.3050

■ 84.6025, 0.2831,
0.3166

Harmonies

Analogous

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



34.1279, 0.4362, 0.3482



34.1279, 0.4351, 0.3964



34.1279, 0.3993, 0.4346

Triad

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



34.1279, 0.4351, 0.3964



34.1279, 0.2301, 0.3526



34.1279, 0.2735, 0.2358

Complementary

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



34.1279, 0.4351, 0.3964



29.1115, 0.2253, 0.2460

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.



34.1279, 0.2262, 0.2302



34.1279, 0.4351, 0.3964



34.1279, 0.2031, 0.2896

Square

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



34.1279, 0.4351, 0.3964



34.1279, 0.2802, 0.4149



34.1279, 0.2021, 0.2473



34.1279, 0.3370, 0.2609

Rectangle

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



34.1279, 0.4351, 0.3964



34.1279, 0.3626, 0.4462



34.1279, 0.2021, 0.2473



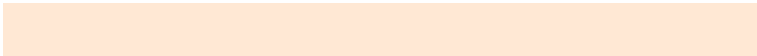
34.1279, 0.2554, 0.2316

Sweetspot

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



34.1296, 0.4351, 0.3964



83.7220, 0.3421, 0.3495



22.8738, 0.3868, 0.2537



17.5409, 0.3460, 0.3520



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.



34.1296, 0.4351, 0.3964



48.6124, 0.4697, 0.4063



56.1755, 0.3947, 0.4573



12.0685, 0.3278, 0.3399



13.5141, 0.5483, 0.4029



0.8487, 0.5166, 0.4280

Inverse Universe

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



29.1115, 0.2253, 0.2460



39.6576, 0.2090, 0.2241



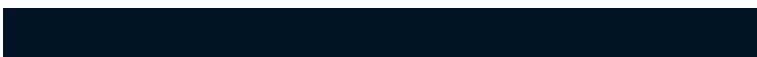
14.8297, 0.2065, 0.1568



11.8119, 0.2983, 0.3178



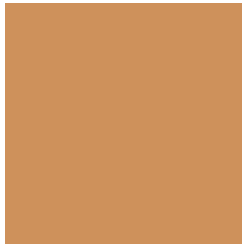
9.6994, 0.1803, 0.1692



0.6516, 0.1897, 0.2030

Previews

White Background



This preview shows how the Yxy color 34.1279, 0.4351, 0.3964 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 34.1279, 0.4351, 0.3964 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

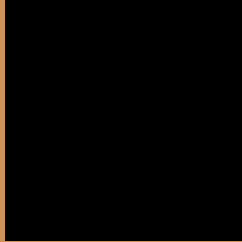
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 34.1279, 0.4351, 0.3964

Background



This preview shows how black text looks on a background with the Yxy color 34.1279, 0.4351, 0.3964.



This preview shows how white text looks on a background with the Yxy color 34.1279, 0.4351, 0.3964.

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

34.1279, 0.4351, 0.3964

Protanopia

34.1825, 0.3862, 0.4181

Deuteranopia

34.2089, 0.4178, 0.4094



Tritanopia

34.0167, 0.3817, 0.3166

Trichromacy



Original Color

34.1279, 0.4351, 0.3964

Protanomaly

33.9049, 0.4041, 0.4100

Deuteranomaly

34.2388, 0.4246, 0.4051

Tritanomaly

34.1374, 0.4031, 0.3470

Monochromacy



Original Color

34.1279, 0.4351, 0.3964

Achromatopsia

33.7164, 0.3127, 0.3290

Achromatomaly

33.5899, 0.3550, 0.3581

CSS Examples

Text

The CSS property to change the color of the text to Yxy 34.1279, 0.4351, 0.3964 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(206, 145, 91)` looks like.

```
.text, #text, p{  
    color:rgb(206, 145, 91)  
}
```

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(206, 145, 91) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(206, 145, 91) }
```

Border

The CSS property to change the border of an element to Yxy 34.1279, 0.4351, 0.3964 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(206, 145, 91) }
```

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

```
.border{ border-color:rgb(206, 145, 91) }
```

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

Here you see how a box with a 4 pixel `rgb(206, 145, 91)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(206, 145, 91); -webkit-box-  
shadow:4px 4px 4px 4px rgb(206, 145, 91);  
box-shadow:4px 4px 4px 4px rgb(206, 145,  
91) }
```


Background

The CSS property to change the background color of an element to Yxy 34.1279, 0.4351, 0.3964 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(206, 145, 91) }
```

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

```
.background{ background-color: rgb(206,  
145, 91) }
```

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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