

Converting Colors

$Yxy(34.5029, 0.3980, 0.3648)$

Have a look what the booklet for
Yxy(34.5029, 0.3980, 0.3648)
contains.

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Color

Yxy(34.5029, 0.3980, 0.3648)

Conversions

Conversions Part 1

Format	Color
Hex	C89378
RGB	200, 147, 120
RGB Percent	78%, 58%, 47%
CMY	0.2157, 0.4235, 0.5295
CMYK	0.00, 0.26, 0.40, 0.22
HSL	20°, 42%, 63%
HSV	20°, 40%, 78%
XYZ	37.6430, 34.5029, 22.4345
YIQ	159.7690, 40.2550, 2.8390

Conversions

Conversions Part 2

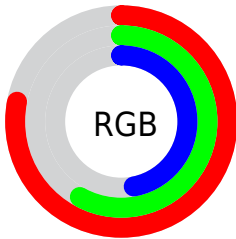
Format	Color
R_{YB}	200, 161, 120
Decimal	13144952
CIE _{Lab}	65.36, 16.50, 22.15
CIE _{LCh}	65, 27.617, 53.321
Yxy	34.5029, 0.3980, 0.3648
Android (android.graphics.Color)	4291335032 (0xFFC89378)
YUV	159.7690, -19.6061, 35.2826
Hunter-Lab	58.7392, 11.5981, 18.4726

Details

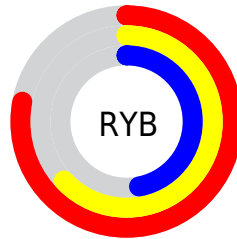
The Yxy color **34.5029, 0.3980, 0.3648** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **38.0365, 0.2520, 0.2895**, and the grayscale version is **35.1200, 0.3127, 0.3290**.

A 20% lighter version of the original color is **66.0118, 0.3788, 0.3594**, and **14.7500, 0.4259, 0.3735** is the 20% darker color. If you saturate the color by 10%, you get **30.1838, 0.4281, 0.3734**, and if you desaturate by 10%, it is **39.4010, 0.3715, 0.3556**.

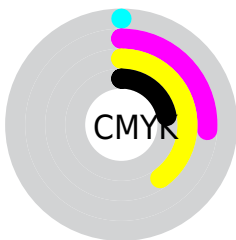
Distribution



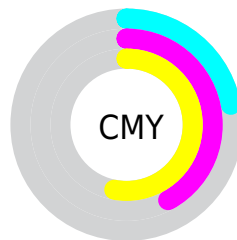
- Red (78%)
- Green (58%)
- Blue (47%)



- Red (78%)
- Yellow (63%)
- Blue (47%)



- Cyan (0%)
- Magenta (26%)
- Yellow (40%)
- Black (22%)




- Cyan (22%)
- Magenta (42%)
- Yellow (53%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 34.5029, 0.3980, 0.3648 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 34.5029, 0.3980, 0.3648 by changing the saturation by 10% instead.


 34.5029, 0.3980,
0.3648


 34.5029, 0.3980,
0.3648


322.3687, 0.3529,
0.3475


 23.2802, 0.4099,
0.3687


 66.7150, 0.3811,
0.3588

 14.8005, 0.4256,
0.3734

 88.4731, 0.3749,
0.3564

 8.6795, 0.4469,
0.3790

 114.5119, 0.3697,
0.3544

 4.5327, 0.4774,
0.3852

145.2157, 0.3654,
0.3527

 1.9758, 0.5379,
0.4006

180.9688, 0.3616,
0.3511

 0.5934, 0.6212,
0.3788


222.1558, 0.3583,


 0.0000, 0.0000,


0.3498


0.0000


269.1609, 0.3555,
0.3486


 34.5029, 0.3980,
0.3648


 34.5029, 0.3980,
0.3648

 30.1838, 0.4281,
0.3734


 39.4010, 0.3715,
0.3556

 26.4164, 0.4614,
0.3803


 44.8941, 0.3487,
0.3463

 23.1783, 0.4965,
0.3846

 51.0040, 0.3293,
0.3374

 20.4435, 0.5311,
0.3849

 57.7495, 0.3127,
0.3290

 18.1833, 0.5621,
0.3803

 65.1488, 0.2987,
0.3212

■ 16.3618, 0.5875,
0.3717

■ 73.2193, 0.2869,
0.3141

■ 81.6532, 0.2794,
0.3127

■ 89.7256, 0.2804,
0.3268

■ 91.0202, 0.2805,
0.3289

Harmonies

Analogous

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



34.5029, 0.3874, 0.3305



34.5029, 0.3980, 0.3648



34.5029, 0.3840, 0.3931

Triad

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



34.5029, 0.3980, 0.3648



34.5029, 0.2697, 0.3623



34.5029, 0.2718, 0.2608

Complementary

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



34.5029, 0.3980, 0.3648



38.0365, 0.2520, 0.2895

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.



34.5029, 0.2443, 0.2642



34.5029, 0.3980, 0.3648



34.5029, 0.2430, 0.3202

Square

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



34.5029, 0.3980, 0.3648



34.5029, 0.3089, 0.3953



34.5029, 0.2342, 0.2847



34.5029, 0.3119, 0.2731

Rectangle

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



34.5029, 0.3980, 0.3648



34.5029, 0.3635, 0.4041



34.5029, 0.2342, 0.2847



34.5029, 0.2609, 0.2601

Sweetspot

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



34.5046, 0.3980, 0.3648



85.9296, 0.3332, 0.3393



28.7353, 0.3462, 0.2610



18.0858, 0.3357, 0.3405



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.



34.5046, 0.3980, 0.3648



53.1940, 0.4239, 0.3723



49.0349, 0.3780, 0.4127



11.2128, 0.3281, 0.3369



10.5523, 0.5850, 0.3737



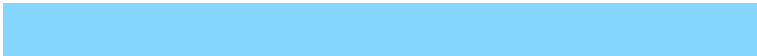
0.6341, 0.5441, 0.4062

Inverse Universe

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



38.0365, 0.2520, 0.2895



60.0917, 0.2399, 0.2792



25.0207, 0.2425, 0.2281



11.4407, 0.2984, 0.3210



13.3916, 0.1933, 0.2157



0.7641, 0.2006, 0.2421

Previews

White Background



This preview shows how the Yxy color 34.5029, 0.3980, 0.3648 looks on a white background.

Color Contrast Check

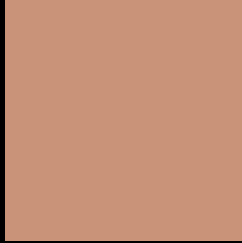
Large Text (above 18pt) WCAG AA × Fail

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 34.5029, 0.3980, 0.3648 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

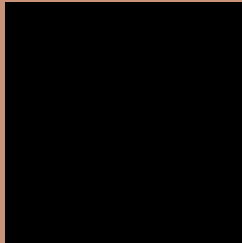
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 34.5029, 0.3980, 0.3648

Background



This preview shows how black text looks on a background with the Yxy color 34.5029, 0.3980, 0.3648.



This preview shows how white text looks on a background with the Yxy color 34.5029, 0.3980, 0.3648.

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

34.5029, 0.3980, 0.3648

Protanopia

34.7120, 0.3545, 0.3791

Deuteranopia

34.4797, 0.3836, 0.3747



Tritanopia

34.3424, 0.3673, 0.3149

Trichromacy



Original Color

34.5029, 0.3980, 0.3648

Protanomaly

34.5760, 0.3696, 0.3746

Deuteranomaly

34.3511, 0.3889, 0.3713

Tritanomaly

34.4262, 0.3787, 0.3331

Monochromacy



Original Color

34.5029, 0.3980, 0.3648

Achromatopsia

35.1533, 0.3127, 0.3290

Achromatomaly

34.6010, 0.3425, 0.3434

CSS Examples

Text

The CSS property to change the color of the text to Yxy 34.5029, 0.3980, 0.3648 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, 147, 120)` looks like.

```
.text, #text, p{  
    color:rgb(200, 147, 120)  
}
```

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, 147, 120) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(200, 147, 120) }
```

Border

The CSS property to change the border of an element to Yxy 34.5029, 0.3980, 0.3648 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, 147, 120) }
```

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

```
.border{ border-color:rgb(200, 147, 120) }
```

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

Here you see how a box with a 4 pixel `rgb(200, 147, 120)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(200, 147, 120); -webkit-box-  
shadow:4px 4px 4px 4px rgb(200, 147, 120);  
box-shadow:4px 4px 4px 4px rgb(200, 147,  
120) }
```


Background

The CSS property to change the background color of an element to Yxy 34.5029, 0.3980, 0.3648 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(200, 147, 120) }
```

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

```
.background{ background-color: rgb(200,  
147, 120) }
```

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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