

Converting Colors

Yxy(34.6454, 0.4071, 0.3604)

Have a look what the booklet for
Yxy(34.6454, 0.4071, 0.3604)
contains.

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Color

Yxy(34.5680, 0.4071, 0.3599)

Conversions

Conversions Part 1

Format	Color
Hex	CF9078
RGB	207, 144, 120
RGB Percent	81%, 56%, 47%
CMY	0.1881, 0.4353, 0.5294
CMYK	0.00, 0.30, 0.42, 0.19
HSL	17°, 48%, 64%
HSV	17°, 42%, 81%
XYZ	39.1015, 34.5680, 22.3794
YIQ	160.1010, 45.2520, 5.8920

Conversions

Conversions Part 2

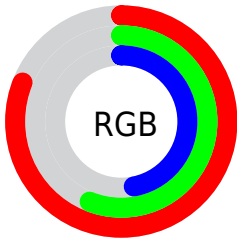
Format	Color
R _Y B	207, 153, 120
Decimal	13602936
CIE Lab	65.41, 20.96, 22.33
CIE LCh	65, 30.628, 46.819
Yxy	34.5680, 0.4071, 0.3599
Android (android.graphics.Color)	4291793016 (0xFFCF9078)
YUV	160.1010, -19.7698, 41.1304
Hunter-Lab	58.7946, 15.8215, 18.5882

Details

The Yxy color **34.5680, 0.4071, 0.3599** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **42.3807, 0.2502, 0.2950**, and the grayscale version is **35.2812, 0.3127, 0.3290**.

A 20% lighter version of the original color is **64.6267, 0.3798, 0.3563**, and **14.7677, 0.4377, 0.3666** is the 20% darker color. If you saturate the color by 10%, you get **29.8758, 0.4400, 0.3666**, and if you desaturate by 10%, it is **39.9756, 0.3784, 0.3524**.

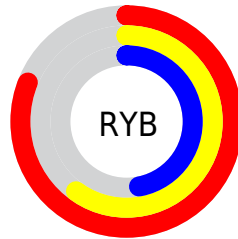
Distribution



Red (81%)

Green (56%)

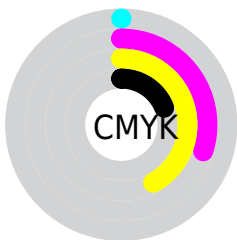
Blue (47%)



Red (81%)

Yellow (60%)

Blue (47%)

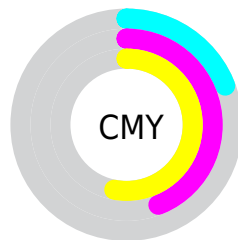


Cyan (0%)

Magenta (30%)

Yellow (42%)

Black (19%)



Cyan (19%)


Magenta (44%)


Yellow (53%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 34.5680, 0.4071, 0.3599 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 34.5680, 0.4071, 0.3599 by changing the saturation by 10% instead.

 34.5680, 0.4071,
0.3599


 34.5680, 0.4071,
0.3599


322.6574, 0.3572,
0.3456


 23.3303, 0.4203,
0.3629


 66.8160, 0.3884,
0.3551

 14.8376, 0.4377,
0.3664


 88.5951, 0.3815,
0.3531

 8.7055, 0.4613,
0.3701


 114.6567, 0.3758,
0.3514

 4.5496, 0.4949,
0.3732

145.3853, 0.3709,
0.3500

 1.9855, 0.5602,
0.3827

181.1653, 0.3668,
0.3487

 0.5990, 0.6483,
0.3517

222.3810, 0.3632,

 0.0000, 1.0000,

0.3475

0.0000

269.4169, 0.3600,
0.3465

0.0000, 0.0000,
0.0000

34.5680, 0.4071,
0.3599

34.5680, 0.4071,
0.3599

29.8758, 0.4400,
0.3666

39.9756, 0.3784,
0.3524

25.8632, 0.4765,
0.3717

46.1223, 0.3539,
0.3448

22.4989, 0.5147,
0.3740


53.0369, 0.3332,
0.3374


19.7468, 0.5515,
0.3724


60.7450, 0.3159,
0.3304

17.5667, 0.5831,
0.3663

69.2712, 0.3014,
0.3239

 16.2036, 0.6032,
0.3592

 78.6389, 0.2892,
0.3180

 88.2151, 0.2840,
0.3226

 92.0097, 0.2844,
0.3289

Harmonies

Analogous

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



34.5680, 0.3895, 0.3221



34.5680, 0.4071, 0.3599



34.5680, 0.3970, 0.3937

Triad

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



34.5680, 0.4071, 0.3599



34.5680, 0.2735, 0.3756



34.5680, 0.2595, 0.2533

Complementary

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



34.5680, 0.4071, 0.3599



42.3807, 0.2502, 0.2950

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.



34.5680, 0.2333, 0.2607



34.5680, 0.4071, 0.3599



34.5680, 0.2407, 0.3290

Square

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



34.5680, 0.4071, 0.3599



34.5680, 0.3184, 0.4081



34.5680, 0.2267, 0.2869



34.5680, 0.3012, 0.2634

Rectangle

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



34.5680, 0.4071, 0.3599



34.5680, 0.3768, 0.4091



34.5680, 0.2267, 0.2869



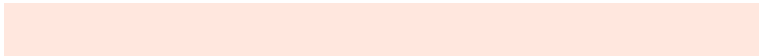
34.5680, 0.2487, 0.2537

Sweetspot

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



34.5697, 0.4071, 0.3599



83.6718, 0.3354, 0.3382



30.1551, 0.3420, 0.2510



17.3630, 0.3398, 0.3398



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.



34.5697, 0.4071, 0.3599



48.8762, 0.4351, 0.3657



50.0484, 0.3844, 0.4107



12.3312, 0.3284, 0.3355



10.3432, 0.6008, 0.3612



0.7124, 0.5639, 0.3904

Inverse Universe

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



42.3807, 0.2502, 0.2950



62.8774, 0.2391, 0.2867



27.3446, 0.2397, 0.2305



12.8329, 0.2983, 0.3224



16.7329, 0.1993, 0.2375



1.0647, 0.2045, 0.2563

Previews

White Background



This preview shows how the Yxy color 34.5680, 0.4071, 0.3599 looks on a white background.

Color Contrast Check

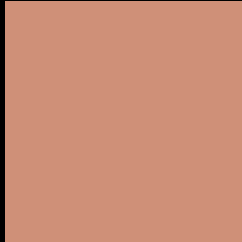
Large Text (above 18pt) WCAG AA × Fail

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 34.5680, 0.4071, 0.3599 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

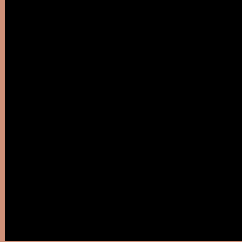
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 34.5680, 0.4071, 0.3599

Background



This preview shows how black text looks on a background with the Yxy color 34.5680, 0.4071, 0.3599.



This preview shows how white text looks on a background with the Yxy color 34.5680, 0.4071, 0.3599.

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

34.5680, 0.4071, 0.3599

Protanopia

34.7636, 0.3526, 0.3761

Deuteranopia

34.7818, 0.3841, 0.3774



Tritanopia

34.6598, 0.3787, 0.3166

Trichromacy



Original Color

34.5680, 0.4071, 0.3599

Protanomaly

34.6337, 0.3722, 0.3713

Deuteranomaly

34.7467, 0.3921, 0.3708

Tritanomaly

34.4691, 0.3896, 0.3318

Monochromacy



Original Color

34.5680, 0.4071, 0.3599

Achromatopsia

35.1533, 0.3127, 0.3290

Achromatomaly

34.5026, 0.3448, 0.3419

CSS Examples

Text

The CSS property to change the color of the text to Yxy 34.5680, 0.4071, 0.3599 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(207, 144, 120)` looks like.

```
.text, #text, p{  
    color:rgb(207, 144, 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(207, 144, 120) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(207, 144, 120) }
```

Border

The CSS property to change the border of an element to Yxy 34.5680, 0.4071, 0.3599 is called "border". The border property can be set on classes, ids or directly on the HTML element.

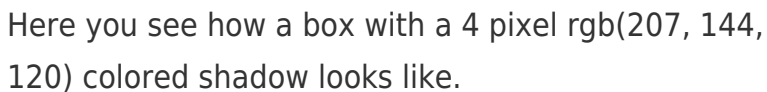
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(207, 144, 120) }
```

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

```
.border{ border-color:rgb(207, 144, 120) }
```

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



Here you see how a box with a 4 pixel `rgb(207, 144, 120)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(207, 144, 120); -webkit-box-shadow:4px 4px 4px 4px rgb(207, 144, 120); box-shadow:4px 4px 4px 4px rgb(207, 144, 120) }
```


Background

The CSS property to change the background color of an element to Yxy 34.5680, 0.4071, 0.3599 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(207, 144, 120) }
```

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

```
.background{ background-color: rgb(207,  
144, 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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