

Converting Colors

Yxy(33.6464, 0.4046, 0.3586)

Have a look what the booklet for
Yxy(33.6464, 0.4046, 0.3586)
contains.

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Color

Yxy(33.5394, 0.4050, 0.3578)

Conversions

Conversions Part 1

Format	Color
Hex	CC8E78
RGB	204, 142, 120
RGB Percent	80%, 56%, 47%
CMY	0.2000, 0.4431, 0.5295
CMYK	0.00, 0.30, 0.41, 0.20
HSL	16°, 45%, 64%
HSV	16°, 41%, 80%
XYZ	37.9638, 33.5394, 22.2346
YIQ	158.0300, 44.0140, 6.3020

Conversions

Conversions Part 2

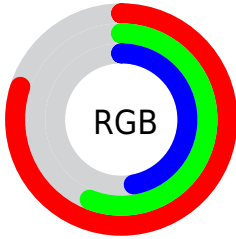
Format	Color
R _Y B	204, 150, 120
Decimal	13405816
CIE Lab	64.60, 20.83, 21.18
CIE LCh	65, 29.710, 45.478
Yxy	33.5394, 0.4050, 0.3578
Android (android.graphics.Color)	4291595896 (0xFFCC8E78)
YUV	158.0300, -18.7488, 40.3157
Hunter-Lab	57.9132, 15.6639, 17.7760

Details

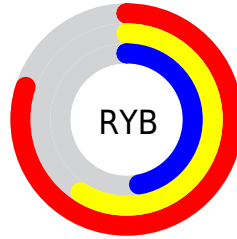
The Yxy color **33.5394, 0.4050, 0.3578** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **41.7948, 0.2517, 0.2975**, and the grayscale version is **34.2782, 0.3127, 0.3290**.

A 20% lighter version of the original color is **63.7184, 0.3804, 0.3543**, and **14.2330, 0.4368, 0.3637** is the 20% darker color. If you saturate the color by 10%, you get **28.9166, 0.4380, 0.3643**, and if you desaturate by 10%, it is **38.8757, 0.3764, 0.3507**.

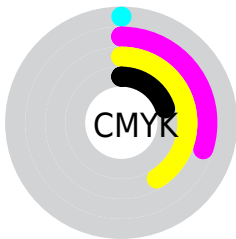
Distribution



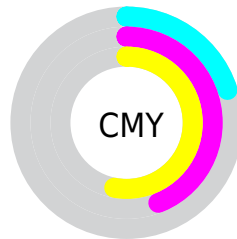
- Red (80%)
- Green (56%)
- Blue (47%)



- Red (80%)
- Yellow (59%)
- Blue (47%)



- Cyan (0%)
- Magenta (30%)
- Yellow (41%)
- Black (20%)





- Cyan (20%)
- Magenta (44%)
- Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 33.5394, 0.4050, 0.3578 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 33.5394, 0.4050, 0.3578 by changing the saturation by 10% instead.


 33.5394, 0.4050,
0.3578


 33.5394, 0.4050,
0.3578


318.0733, 0.3559,
0.3444


 22.5400, 0.4181,
0.3606


 65.2168, 0.3865,
0.3533

 14.2542, 0.4354,
0.3639


 86.6635, 0.3798,
0.3514

 8.2977, 0.4590,
0.3673


 112.3614, 0.3741,
0.3499

 4.2860, 0.4931,
0.3702

142.6950, 0.3694,
0.3485

 1.8348, 0.5617,
0.3806

178.0486, 0.3653,
0.3473

 0.5087, 0.6631,
0.3369

218.8066, 0.3618,

 0.0000, 0.0000,


0.3462

0.0000


265.3534, 0.3587,
0.3452


 33.5394, 0.4050,
0.3578


 33.5394, 0.4050,
0.3578


 28.9166, 0.4380,
0.3643


 38.8757, 0.3764,
0.3507


 24.9717, 0.4747,
0.3692

 44.9496, 0.3521,
0.3434


 21.6731, 0.5134,
0.3715


 51.7900, 0.3317,
0.3364


 18.9845, 0.5510,
0.3702

 59.4225, 0.3146,
0.3298

 16.8657, 0.5836,
0.3645

 67.8720, 0.3002,
0.3236

 15.4281, 0.6061,
0.3569

 77.1618, 0.2883,
0.3181

 86.8034, 0.2822,
0.3209

 91.5773, 0.2827,
0.3289

Harmonies

Analogous

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



33.5394, 0.3866, 0.3207



33.5394, 0.4050, 0.3578



33.5394, 0.3963, 0.3912

Triad

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



33.5394, 0.4050, 0.3578



33.5394, 0.2761, 0.3765



33.5394, 0.2590, 0.2546

Complementary

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



33.5394, 0.4050, 0.3578



41.7948, 0.2517, 0.2975

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.



33.5394, 0.2341, 0.2628



33.5394, 0.4050, 0.3578



33.5394, 0.2431, 0.3311

Square

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



33.5394, 0.4050, 0.3578



33.5394, 0.3205, 0.4072



33.5394, 0.2284, 0.2893



33.5394, 0.2995, 0.2638

Rectangle

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



33.5394, 0.4050, 0.3578



33.5394, 0.3772, 0.4068



33.5394, 0.2284, 0.2893



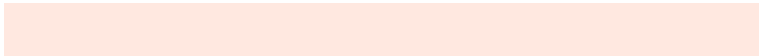
33.5394, 0.2487, 0.2553

Sweetspot

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



33.5410, 0.4050, 0.3578



84.6152, 0.3335, 0.3370



29.6836, 0.3396, 0.2510



17.7779, 0.3360, 0.3379



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.



33.5410, 0.4050, 0.3578



49.0002, 0.4326, 0.3634



48.0575, 0.3835, 0.4075



11.6840, 0.3284, 0.3351



9.8412, 0.6037, 0.3589



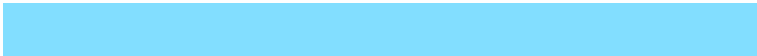
0.6345, 0.5642, 0.3902

Inverse Universe

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



41.7948, 0.2517, 0.2975



64.3397, 0.2408, 0.2898



27.3959, 0.2418, 0.2352



12.2099, 0.2983, 0.3228



16.7350, 0.2007, 0.2424



0.9826, 0.2059, 0.2613

Previews

White Background



This preview shows how the Yxy color 33.5394, 0.4050, 0.3578 looks on a white background.

Color Contrast Check

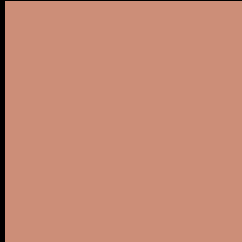
Large Text (above 18pt) WCAG AA × Fail

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 33.5394, 0.4050, 0.3578 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

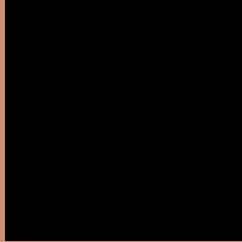
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 33.5394, 0.4050, 0.3578

Background



This preview shows how black text looks on a background with the Yxy color 33.5394, 0.4050, 0.3578.



This preview shows how white text looks on a background with the Yxy color 33.5394, 0.4050, 0.3578.

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

33.5394, 0.4050, 0.3578

Protanopia

33.8617, 0.3512, 0.3737

Deuteranopia

33.7555, 0.3818, 0.3753



Tritanopia

33.5805, 0.3785, 0.3164

Trichromacy



Original Color

33.5394, 0.4050, 0.3578

Protanomaly

33.6150, 0.3699, 0.3690

Deuteranomaly

33.7182, 0.3899, 0.3687

Tritanomaly

33.4220, 0.3884, 0.3305

Monochromacy



Original Color

33.5394, 0.4050, 0.3578

Achromatopsia

34.1914, 0.3127, 0.3290

Achromatomaly

33.5840, 0.3442, 0.3406

CSS Examples

Text

The CSS property to change the color of the text to Yxy 33.5394, 0.4050, 0.3578 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(204, 142, 120)` looks like.

```
.text, #text, p{  
    color:rgb(204, 142, 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(204, 142, 120) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(204, 142, 120) }
```

Border

The CSS property to change the border of an element to Yxy 33.5394, 0.4050, 0.3578 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(204, 142, 120) }
```

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

```
.border{ border-color:rgb(204, 142, 120) }
```

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

Here you see how a box with a 4 pixel rgb(204, 142, 120) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(204, 142, 120); -webkit-box-  
shadow:4px 4px 4px 4px rgb(204, 142, 120);  
box-shadow:4px 4px 4px 4px rgb(204, 142,  
120) }
```


Background

The CSS property to change the background color of an element to Yxy 33.5394, 0.4050, 0.3578 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(204, 142, 120) }
```

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

```
.background{ background-color: rgb(204,  
142, 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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