

Converting Colors

$Y_{xy}(40.1705, 0.3895, 0.3291)$

Have a look what the booklet for
Yxy(40.1705, 0.3895, 0.3291)
contains.

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Color

Yxy(40.0546, 0.3894, 0.3280)

Conversions

Conversions Part 1

Format	Color
Hex	E19697
RGB	225, 150, 151
RGB Percent	88%, 59%, 59%
CMY	0.1175, 0.4118, 0.4078
CMYK	0.00, 0.33, 0.33, 0.12
HSL	359°, 56%, 74%
HSV	359°, 33%, 88%
XYZ	47.5526, 40.0546, 34.5105
YIQ	172.5390, 44.3790, 16.2110

Conversions

Conversions Part 2

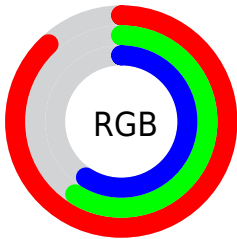
Format	Color
R_{YB}	225, 150, 151
Decimal	14784151
CIE _{Lab}	69.51, 28.36, 11.07
CIE _{LCh}	70, 30.443, 21.316
Yxy	40.0546, 0.3894, 0.3280
Android (android.graphics.Color)	4292974231 (0xFFE19697)
YUV	172.5390, -10.6187, 46.0083
Hunter-Lab	63.2887, 23.3626, 11.9721

Details

The Yxy color **40.0546, 0.3894, 0.3280** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **65.7338, 0.2660, 0.3301**, and the grayscale version is **41.5821, 0.3127, 0.3290**.

A 20% lighter version of the original color is **69.3304, 0.3517, 0.3291**, and **17.9803, 0.4139, 0.3262** is the 20% darker color. If you saturate the color by 10%, you get **32.8973, 0.4251, 0.3278**, and if you desaturate by 10%, it is **48.7305, 0.3602, 0.3283**.

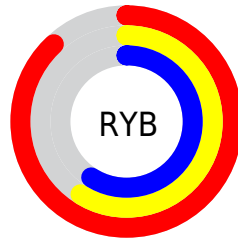
Distribution



Red (88%)

Green (59%)

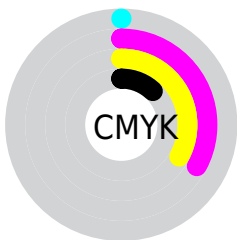
Blue (59%)



Red (88%)

Yellow (59%)

Blue (59%)

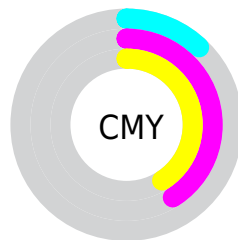


Cyan (0%)

Magenta (33%)

Yellow (33%)

Black (12%)



Cyan (12%)

Magenta (41%)


Yellow (41%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 40.0546, 0.3894, 0.3280 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 40.0546, 0.3894, 0.3280 by changing the saturation by 10% instead.


 40.0546, 0.3894,
0.3280


 40.0546, 0.3894,
0.3280


346.3536, 0.3497,
0.3295

 27.5811, 0.3997,
0.3273


 75.2466, 0.3747,
0.3288

 18.0101, 0.4131,
0.3262


 98.7340, 0.3692,
0.3290

 10.9573, 0.4314,
0.3243


126.6614, 0.3647,
0.3292

 6.0381, 0.4575,
0.3210

159.4134, 0.3608,
0.3293

 2.8683, 0.4975,
0.3143

197.3741, 0.3574,
0.3293

 1.0633, 0.5835,
0.3084

240.9282, 0.3545,

 0.0000, 1.0000,

0.3294

0.0000

290.4599, 0.3520,
0.3294

0.0000, 0.0000,
0.0000

40.0546, 0.3894,
0.3280

40.0546, 0.3894,
0.3280

32.8973, 0.4251,
0.3278

48.7305, 0.3602,
0.3283

27.1659, 0.4673,
0.3276

58.9990, 0.3368,
0.3286

22.7667, 0.5142,
0.3276

70.9365, 0.3181,
0.3289

19.5924, 0.5615,
0.3279

84.6127, 0.3031,
0.3292

17.5192, 0.6022,
0.3284

94.7531, 0.2946,
0.3289

■ 16.3970, 0.6291,
0.3291

■ 16.0199, 0.6389,
0.3293

Harmonies

Analogous

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



40.0546, 0.3541, 0.2944



40.0546, 0.3894, 0.3280



40.0546, 0.4023, 0.3639

Triad

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



40.0546, 0.3894, 0.3280



40.0546, 0.3116, 0.4004



40.0546, 0.2399, 0.2620

Complementary

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



40.0546, 0.3894, 0.3280



65.7338, 0.2660, 0.3301

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.



40.0546, 0.2306, 0.2845



40.0546, 0.3894, 0.3280



40.0546, 0.2700, 0.3668

Square

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



40.0546, 0.3894, 0.3280



40.0546, 0.3553, 0.4097



40.0546, 0.2411, 0.3225



40.0546, 0.2674, 0.2574

Rectangle

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



40.0546, 0.3894, 0.3280



40.0546, 0.3962, 0.3854



40.0546, 0.2411, 0.3225



40.0546, 0.2346, 0.2675

Sweetspot

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



40.0565, 0.3894, 0.3280



83.2805, 0.3302, 0.3287



43.0593, 0.3155, 0.2462



17.3621, 0.3330, 0.3287



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.



40.0565, 0.3894, 0.3280



46.3890, 0.4134, 0.3278



53.4420, 0.3764, 0.3713



13.7036, 0.3290, 0.3287



9.2296, 0.6385, 0.3291



0.6408, 0.6340, 0.3266

Inverse Universe

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



40.0565, 0.3894, 0.3280



46.3890, 0.4134, 0.3278



48.2135, 0.2595, 0.2823



13.7036, 0.3290, 0.3287



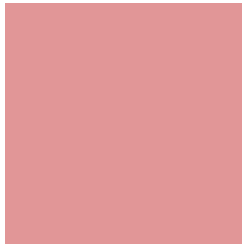
9.2296, 0.6385, 0.3291



0.6408, 0.6340, 0.3266

Previews

White Background



This preview shows how the Yxy color 40.0546, 0.3894, 0.3280 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 40.0546, 0.3894, 0.3280 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 40.0546, 0.3894, 0.3280

Background



This preview shows how black text looks on a background with the Yxy color 40.0546, 0.3894, 0.3280.



This preview shows how white text looks on a background with the Yxy color 40.0546, 0.3894, 0.3280.

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

40.0546, 0.3894, 0.3280

Protanopia

40.0631, 0.3251, 0.3401

Deuteranopia

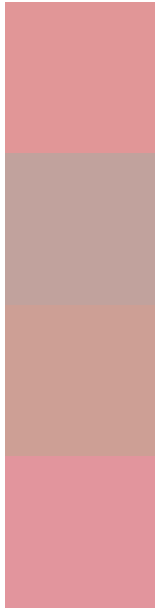
40.1584, 0.3565, 0.3503



Tritanopia

40.2017, 0.3812, 0.3162

Trichromacy



Original Color

40.0546, 0.3894, 0.3280

Protanomaly

39.6124, 0.3475, 0.3357

Deuteranomaly

39.9453, 0.3681, 0.3419

Tritanomaly

40.0980, 0.3844, 0.3198

Monochromacy



Original Color

40.0546, 0.3894, 0.3280

Achromatopsia

41.7885, 0.3127, 0.3290

Achromatomaly

40.8333, 0.3384, 0.3291

CSS Examples

Text

The CSS property to change the color of the text to Yxy 40.0546, 0.3894, 0.3280 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(225, 150, 151)` looks like.

```
.text, #text, p{  
    color:rgb(225, 150, 151)  
}
```

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(225, 150, 151) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(225, 150, 151) }
```

Border

The CSS property to change the border of an element to Yxy 40.0546, 0.3894, 0.3280 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(225, 150, 151) }
```

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

```
.border{ border-color:rgb(225, 150, 151) }
```

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

Here you see how a box with a 4 pixel rgb(225, 150, 151) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(225, 150, 151); -webkit-box-  
shadow:4px 4px 4px 4px rgb(225, 150, 151);  
box-shadow:4px 4px 4px 4px rgb(225, 150,  
151) }
```


Background

The CSS property to change the background color of an element to Yxy 40.0546, 0.3894, 0.3280 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(225, 150, 151) }
```

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

```
.background{ background-color: rgb(225,  
150, 151) }
```

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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