

Converting Colors

$Y_{xy}(34.8798, 0.4510, 0.3366)$

Have a look what the booklet for
Yxy(34.8798, 0.4510, 0.3366)
contains.

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Color

Yxy(35.0601, 0.4509, 0.3370)

Conversions

Conversions Part 1

Format	Color
Hex	F07F78
RGB	240, 127, 120
RGB Percent	94%, 50%, 47%
CMY	0.0589, 0.5019, 0.5294
CMYK	0.00, 0.47, 0.50, 0.06
HSL	4°, 80%, 71%
HSV	4°, 50%, 94%
XYZ	46.9098, 35.0601, 22.0660
YIQ	159.9890, 69.5950, 21.7790

Conversions

Conversions Part 2

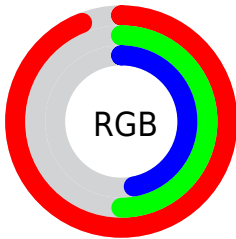
Format	Color
R _Y B	240, 127, 120
Decimal	15761272
CIE Lab	65.80, 42.57, 23.55
CIE LCh	66, 48.648, 28.953
Yxy	35.0601, 0.4509, 0.3370
Android (android.graphics.Color)	4293951352 (0xFFFF07F78)
YUV	159.9890, -19.7146, 70.1696
Hunter-Lab	59.2116, 37.7946, 19.3529

Details

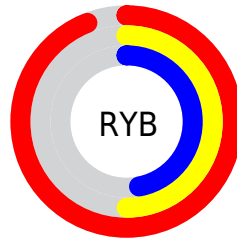
The Yxy color **35.0601, 0.4509, 0.3370** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **68.5416, 0.2458, 0.3203**, and the grayscale version is **35.2196, 0.3127, 0.3290**.

A 20% lighter version of the original color is **57.6945, 0.3852, 0.3397**, and **15.1904, 0.4953, 0.3348** is the 20% darker color. If you saturate the color by 10%, you get **29.3529, 0.4955, 0.3380**, and if you desaturate by 10%, it is **42.2256, 0.4117, 0.3355**.

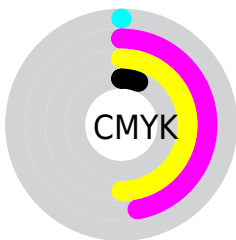
Distribution



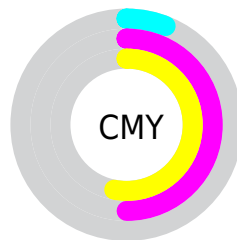
- Red (94%)
- Green (50%)
- Blue (47%)



- Red (94%)
- Yellow (50%)
- Blue (47%)



- Cyan (0%)
- Magenta (47%)
- Yellow (50%)
- Black (6%)





- Cyan (6%)
- Magenta (50%)
- Yellow (53%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 35.0601, 0.4509, 0.3370 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 35.0601, 0.4509, 0.3370 by changing the saturation by 10% instead.


 35.0601, 0.4509,
0.3370


 35.0601, 0.4509,
0.3370


324.8335, 0.3780,
0.3363


 23.7092, 0.4699,
0.3359


 67.5789, 0.4237,
0.3377

 15.1180, 0.4947,
0.3336


 89.5155, 0.4137,
0.3376

 8.9023, 0.5279,
0.3291


 115.7495, 0.4053,
0.3375

 4.6775, 0.5741,
0.3197

146.6652, 0.3982,
0.3373

 2.0593, 0.6554,
0.3063

182.6471, 0.3921,
0.3371

 0.6416, 0.7509,
0.2491

224.0795, 0.3868,


 0.0000, 1.0000,


0.3368


0.0000


271.3468, 0.3821,
0.3366


 0.0000, 0.0000,
0.0000


 35.0601, 0.4509,
0.3370

 35.0601, 0.4509,
0.3370


 29.3529, 0.4955,
0.3380

 42.2256, 0.4117,
0.3355


 24.9987, 0.5423,
0.3381


 50.9341, 0.3788,
0.3339


 21.8873, 0.5857,
0.3370

 61.2705, 0.3519,
0.3322

 19.8885, 0.6186,
0.3348

 73.3118, 0.3302,
0.3305

 18.8369, 0.6369,
0.3325

 87.1301, 0.3127,
0.3290

■ 18.8365, 0.6369,
0.3325

■ 97.2616, 0.3035,
0.3290

Harmonies

Analogous

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



35.0601, 0.3990, 0.2849



35.0601, 0.4509, 0.3370



35.0601, 0.4583, 0.3923

Triad

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



35.0601, 0.4509, 0.3370



35.0601, 0.2888, 0.4431



35.0601, 0.2054, 0.2178

Complementary

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



35.0601, 0.4509, 0.3370



68.5416, 0.2458, 0.3203

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.



35.0601, 0.1845, 0.2422



35.0601, 0.4509, 0.3370



35.0601, 0.2274, 0.3735

Square

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



35.0601, 0.4509, 0.3370



35.0601, 0.3605, 0.4666



35.0601, 0.1913, 0.2962



35.0601, 0.2533, 0.2195

Rectangle

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



35.0601, 0.4509, 0.3370



35.0601, 0.4387, 0.4268



35.0601, 0.1913, 0.2962



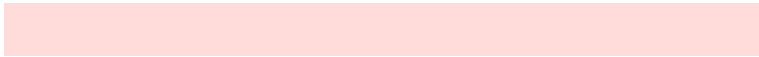
35.0601, 0.1954, 0.2228

Sweetspot

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



35.0619, 0.4509, 0.3370



76.9126, 0.3406, 0.3313



37.8956, 0.3239, 0.2135



15.8470, 0.3453, 0.3317



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.



35.0619, 0.4509, 0.3370



33.5761, 0.4964, 0.3380



54.9920, 0.4144, 0.4007



15.9070, 0.3292, 0.3304



10.3743, 0.6358, 0.3333



0.9148, 0.6250, 0.3419

Inverse Universe

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



68.5416, 0.2458, 0.3203



75.9899, 0.2366, 0.3182



40.5535, 0.2307, 0.2423



17.7613, 0.2981, 0.3276



33.2798, 0.2196, 0.3107



2.8164, 0.2204, 0.3132

Previews

White Background



This preview shows how the Yxy color 35.0601, 0.4509, 0.3370 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 35.0601, 0.4509, 0.3370 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 35.0601, 0.4509, 0.3370

Background



This preview shows how black text looks on a background with the Yxy color 35.0601, 0.4509, 0.3370.



This preview shows how white text looks on a background with the Yxy color 35.0601, 0.4509, 0.3370.

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

35.0601, 0.4509, 0.3370

Protanopia

35.3259, 0.3447, 0.3656

Deuteranopia

35.2962, 0.3887, 0.3823



Tritanopia

35.0892, 0.4363, 0.3196

Trichromacy



Original Color

35.0601, 0.4509, 0.3370

Protanomaly

34.3936, 0.3815, 0.3534

Deuteranomaly

34.6408, 0.4114, 0.3635

Tritanomaly

35.2075, 0.4418, 0.3261

Monochromacy



Original Color

35.0601, 0.4509, 0.3370

Achromatopsia

35.1533, 0.3127, 0.3290

Achromatomaly

34.0430, 0.3591, 0.3332

CSS Examples

Text

The CSS property to change the color of the text to Yxy 35.0601, 0.4509, 0.3370 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(240, 127, 120)` looks like.

```
.text, #text, p{  
    color:rgb(240, 127, 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(240, 127, 120) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(240, 127, 120) }
```

Border

The CSS property to change the border of an element to Yxy 35.0601, 0.4509, 0.3370 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(240, 127, 120) }
```

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

```
.border{ border-color:rgb(240, 127, 120) }
```

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

Here you see how a box with a 4 pixel `rgb(240, 127, 120)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(240, 127, 120); -webkit-box-  
shadow:4px 4px 4px 4px rgb(240, 127, 120);  
box-shadow:4px 4px 4px 4px rgb(240, 127,  
120) }
```


Background

The CSS property to change the background color of an element to Yxy 35.0601, 0.4509, 0.3370 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(240, 127, 120) }
```

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

```
.background{ background-color: rgb(240,  
127, 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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