

Converting Colors

$Y_{xy}(35.3238, 0.4051, 0.3144)$

Have a look what the booklet for
Yxy(35.3238, 0.4051, 0.3144)
contains.

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Color

Yxy(35.3444, 0.4050, 0.3141)

Conversions

Conversions Part 1

Format	Color
Hex	E48592
RGB	228, 133, 146
RGB Percent	89%, 52%, 57%
CMY	0.1058, 0.4784, 0.4275
CMYK	0.00, 0.42, 0.36, 0.11
HSL	352°, 64%, 71%
HSV	352°, 42%, 89%
XYZ	45.5730, 35.3444, 31.6085
YIQ	162.8870, 52.4470, 24.1830

Conversions

Conversions Part 2

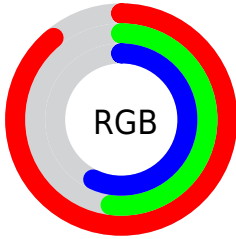
Format	Color
RYB	228, 133, 146
Decimal	14976402
CIELab	66.02, 37.83, 8.98
CIELCh	66, 38.879, 13.353
Yxy	35.3444, 0.4050, 0.3141
Android (android.graphics.Color)	4293166482 (0xFFE48592)
YUV	162.8870, -8.3253, 57.1041
Hunter-Lab	59.4512, 32.7918, 10.0930

Details

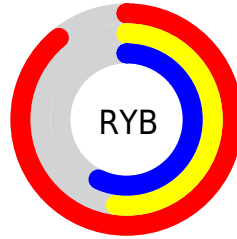
The Yxy color **35.3444, 0.4050, 0.3141** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **65.3883, 0.2624, 0.3453**, and the grayscale version is **36.5918, 0.3127, 0.3290**.

A 20% lighter version of the original color is **60.9708, 0.3595, 0.3157**, and **15.2754, 0.4345, 0.3069** is the 20% darker color. If you saturate the color by 10%, you get **29.2051, 0.4408, 0.3111**, and if you desaturate by 10%, it is **42.9476, 0.3751, 0.3177**.

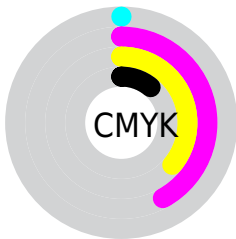
Distribution



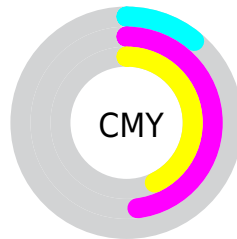
- Red (89%)
- Green (52%)
- Blue (57%)



- Red (89%)
- Yellow (52%)
- Blue (57%)



- Cyan (0%)
- Magenta (42%)
- Yellow (36%)
- Black (11%)




- Cyan (11%)
- Magenta (48%)
- Yellow (43%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 35.3444, 0.4050, 0.3141 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 35.3444, 0.4050, 0.3141 by changing the saturation by 10% instead.


 35.3444, 0.4050,
0.3141


 35.3444, 0.4050,
0.3141


326.0859, 0.3564,
0.3230

 23.9283, 0.4179,
0.3114


 68.0190, 0.3868,
0.3177

 15.2804, 0.4349,
0.3076


 90.0462, 0.3801,
0.3189

 9.0164, 0.4583,
0.3020


 116.3793, 0.3745,
0.3199

 4.7519, 0.4922,
0.2932

147.4026, 0.3698,
0.3207

 2.1024, 0.5453,
0.2774

183.5005, 0.3657,
0.3214

 0.6660, 0.6996,
0.2621

225.0574, 0.3622,

 0.0000, 1.0000,

0.3220


0.0000

272.4577, 0.3591,
0.3225


 0.0000, 0.0000,
0.0000


 35.3444, 0.4050,
0.3141


 35.3444, 0.4050,
0.3141

 29.2051, 0.4408,
0.3111


 42.9476, 0.3751,
0.3177


 24.4306, 0.4818,
0.3092


 52.0952, 0.3506,
0.3214

 20.9176, 0.5259,
0.3091

 62.8679, 0.3309,
0.3250

 18.5458, 0.5684,
0.3115

 75.3392, 0.3150,
0.3285

 17.1715, 0.6036,
0.3164

 89.5784, 0.3023,
0.3316

 16.5960, 0.6243,
0.3213

 95.2362, 0.2964,
0.3290

Harmonies

Analogous

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



35.3444, 0.3516, 0.2739



35.3444, 0.4050, 0.3141



35.3444, 0.4309, 0.3599

Triad

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



35.3444, 0.4050, 0.3141



35.3444, 0.3253, 0.4331



35.3444, 0.2127, 0.2463

Complementary

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



35.3444, 0.4050, 0.3141



65.3883, 0.2624, 0.3453

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.



35.3444, 0.2074, 0.2802



35.3444, 0.4050, 0.3141



35.3444, 0.2688, 0.3950

Square

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



35.3444, 0.4050, 0.3141



35.3444, 0.3813, 0.4333



35.3444, 0.2266, 0.3348



35.3444, 0.2416, 0.2357

Rectangle

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



35.3444, 0.4050, 0.3141



35.3444, 0.4281, 0.3898



35.3444, 0.2266, 0.3348



35.3444, 0.2082, 0.2550

Sweetspot

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



35.3462, 0.4050, 0.3141



78.9348, 0.3334, 0.3245



36.6375, 0.3042, 0.2227



16.2101, 0.3376, 0.3237



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.



35.3462, 0.4050, 0.3141



38.6103, 0.4356, 0.3114



45.5548, 0.4031, 0.3679



14.3999, 0.3271, 0.3258



9.5918, 0.6217, 0.3198



0.7191, 0.5878, 0.3012

Inverse Universe

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



35.3462, 0.4050, 0.3141



38.6103, 0.4356, 0.3114



49.5109, 0.2489, 0.2856



14.3999, 0.3271, 0.3258



9.5918, 0.6217, 0.3198



0.7191, 0.5878, 0.3012

Previews

White Background



This preview shows how the Yxy color 35.3444, 0.4050, 0.3141 looks on a white background.

Color Contrast Check

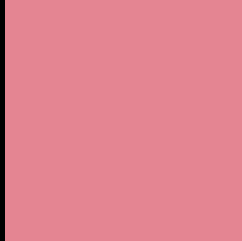
Large Text (above 18pt) WCAG AA × Fail

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 35.3444, 0.4050, 0.3141 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

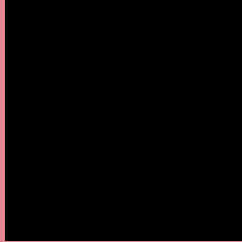
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 35.3444, 0.4050, 0.3141

Background



This preview shows how black text looks on a background with the Yxy color 35.3444, 0.4050, 0.3141.



This preview shows how white text looks on a background with the Yxy color 35.3444, 0.4050, 0.3141.

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

35.3444, 0.4050, 0.3141

Protanopia

35.6073, 0.3157, 0.3276

Deuteranopia

35.4630, 0.3538, 0.3472



Tritanopia

35.2522, 0.4085, 0.3176

Trichromacy



Original Color

35.3444, 0.4050, 0.3141

Protanomaly

34.7778, 0.3451, 0.3209

Deuteranomaly

34.9927, 0.3722, 0.3345

Tritanomaly

35.2827, 0.4073, 0.3164

Monochromacy



Original Color

35.3444, 0.4050, 0.3141

Achromatopsia

36.6253, 0.3127, 0.3290

Achromatomaly

35.4556, 0.3437, 0.3223

CSS Examples

Text

The CSS property to change the color of the text to Yxy 35.3444, 0.4050, 0.3141 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(228, 133, 146)` looks like.

```
.text, #text, p{  
    color:rgb(228, 133, 146)  
}
```

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(228, 133, 146) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(228, 133, 146) }
```

Border

The CSS property to change the border of an element to Yxy 35.3444, 0.4050, 0.3141 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(228, 133, 146) }
```

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

```
.border{ border-color:rgb(228, 133, 146) }
```

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

Here you see how a box with a 4 pixel rgb(228, 133, 146) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(228, 133, 146); -webkit-box-  
shadow:4px 4px 4px 4px rgb(228, 133, 146);  
box-shadow:4px 4px 4px 4px rgb(228, 133,  
146) }
```


Background

The CSS property to change the background color of an element to Yxy 35.3444, 0.4050, 0.3141 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(228, 133, 146) }
```

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

```
.background{ background-color: rgb(228,  
133, 146) }
```

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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