

Converting Colors

$Y_{xy}(35.4576, 0.4369, 0.3292)$

Have a look what the booklet for
Yxy(35.4576, 0.4369, 0.3292)
contains.

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Color

Yxy(35.4626, 0.4372, 0.3294)

Conversions

Conversions Part 1

Format	Color
Hex	EE8181
RGB	238, 129, 129
RGB Percent	93%, 51%, 51%
CMY	0.0667, 0.4940, 0.4942
CMYK	0.00, 0.46, 0.46, 0.07
HSL	0°, 76%, 72%
HSV	0°, 46%, 93%
XYZ	47.0682, 35.4626, 25.1274
YIQ	161.5910, 64.9640, 23.1080

Conversions

Conversions Part 2

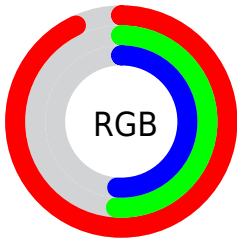
Format	Color
R _Y B	238, 129, 129
Decimal	15630721
CIE Lab	66.11, 41.67, 18.89
CIE LCh	66, 45.749, 24.385
Yxy	35.4626, 0.4372, 0.3294
Android (android.graphics.Color)	4293820801 (0xFFEE8181)
YUV	161.5910, -16.0674, 67.0107
Hunter-Lab	59.5505, 36.8714, 16.6678

Details

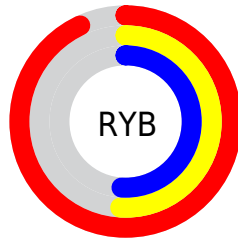
The Yxy color **35.4626, 0.4372, 0.3294** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **71.9594, 0.2515, 0.3288**, and the grayscale version is **35.9853, 0.3127, 0.3290**.

A 20% lighter version of the original color is **58.9184, 0.3757, 0.3313**, and **15.3519, 0.4761, 0.3254** is the 20% darker color. If you saturate the color by 10%, you get **29.3477, 0.4816, 0.3295**, and if you desaturate by 10%, it is **43.1874, 0.3991, 0.3293**.

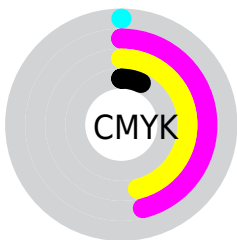
Distribution



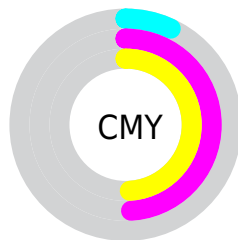
- Red (93%)
- Green (51%)
- Blue (51%)



- Red (93%)
- Yellow (51%)
- Blue (51%)



- Cyan (0%)
- Magenta (46%)
- Yellow (46%)
- Black (7%)





- Cyan (7%)
- Magenta (49%)
- Yellow (49%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 35.4626, 0.4372, 0.3294 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 35.4626, 0.4372, 0.3294 by changing the saturation by 10% instead.


 35.4626, 0.4372,
0.3294


 35.4626, 0.4372,
0.3294


326.6055, 0.3716,
0.3318


 24.0194, 0.4545,
0.3278


 68.2018, 0.4127,
0.3310

 15.3480, 0.4770,
0.3252


 90.2666, 0.4036,
0.3313

 9.0640, 0.5076,
0.3205


 116.6408, 0.3961,
0.3316

 4.7830, 0.5508,
0.3117

147.7087, 0.3897,
0.3317

 2.1205, 0.6182,
0.2953

183.8547, 0.3842,
0.3318

 0.6761, 0.7429,
0.2571

225.4633, 0.3794,


 0.0000, 1.0000,

0.3318

0.0000


272.9187, 0.3753,
0.3318

 0.0000, 0.0000,
0.0000


 35.4626, 0.4372,
0.3294


 35.4626, 0.4372,
0.3294

 29.3477, 0.4816,
0.3295


 43.1874, 0.3991,
0.3293


 24.7243, 0.5298,
0.3297


 52.6190, 0.3678,
0.3292


 21.4663, 0.5762,
0.3298

 63.8528, 0.3426,
0.3291


 19.4246, 0.6133,
0.3299

 76.9760, 0.3225,
0.3290

 18.4149, 0.6347,
0.3300

 92.0696, 0.3064,
0.3290

 18.1762, 0.6401,
0.3300

 96.9146, 0.3023,
0.3290

Harmonies

Analogous

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



35.4626, 0.3836, 0.2807



35.4626, 0.4372, 0.3294



35.4626, 0.4514, 0.3820

Triad

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



35.4626, 0.4372, 0.3294



35.4626, 0.3009, 0.4417



35.4626, 0.2066, 0.2258

Complementary

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



35.4626, 0.4372, 0.3294



71.9594, 0.2515, 0.3288

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.



35.4626, 0.1906, 0.2536



35.4626, 0.4372, 0.3294



35.4626, 0.2402, 0.3820

Square

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



35.4626, 0.4372, 0.3294



35.4626, 0.3683, 0.4569



35.4626, 0.2016, 0.3088



35.4626, 0.2484, 0.2236

Rectangle

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



35.4626, 0.4372, 0.3294



35.4626, 0.4372, 0.4151



35.4626, 0.2016, 0.3088



35.4626, 0.1983, 0.2320

Sweetspot

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



35.4644, 0.4372, 0.3294



77.2157, 0.3387, 0.3291



40.0433, 0.3179, 0.2175



15.8609, 0.3435, 0.3291



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.



35.4644, 0.4372, 0.3294



34.7063, 0.4788, 0.3295



53.8266, 0.4068, 0.3893



15.7596, 0.3293, 0.3291



10.1422, 0.6401, 0.3300



0.8440, 0.6400, 0.3300

Inverse Universe

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



71.9594, 0.2515, 0.3288



82.3407, 0.2429, 0.3287



44.9056, 0.2389, 0.2584



17.9281, 0.2981, 0.3290



37.5359, 0.2246, 0.3286



3.1229, 0.2246, 0.3287

Previews

White Background



This preview shows how the Yxy color 35.4626, 0.4372, 0.3294 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 35.4626, 0.4372, 0.3294 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

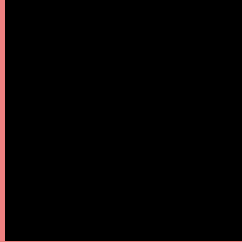
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 35.4626, 0.4372, 0.3294

Background



This preview shows how black text looks on a background with the Yxy color 35.4626, 0.4372, 0.3294.



This preview shows how white text looks on a background with the Yxy color 35.4626, 0.4372, 0.3294.

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

35.4626, 0.4372, 0.3294

Protanopia

35.8282, 0.3350, 0.3538

Deuteranopia

35.7422, 0.3772, 0.3703



Tritanopia

35.5952, 0.4292, 0.3194

Trichromacy



Original Color

35.4626, 0.4372, 0.3294

Protanomaly

34.6964, 0.3694, 0.3427

Deuteranomaly

35.3295, 0.3995, 0.3548

Tritanomaly

35.5103, 0.4328, 0.3227

Monochromacy



Original Color

35.4626, 0.4372, 0.3294

Achromatopsia

36.1307, 0.3127, 0.3290

Achromatomaly

34.9619, 0.3544, 0.3291

CSS Examples

Text

The CSS property to change the color of the text to Yxy 35.4626, 0.4372, 0.3294 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(238, 129, 129)` looks like.

```
.text, #text, p{  
    color:rgb(238, 129, 129)  
}
```

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(238, 129, 129) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(238, 129, 129) }
```

Border

The CSS property to change the border of an element to Yxy 35.4626, 0.4372, 0.3294 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(238, 129, 129) }
```

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

```
.border{ border-color:rgb(238, 129, 129) }
```

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

Here you see how a box with a 4 pixel `rgb(238, 129, 129)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(238, 129, 129); -webkit-box-  
shadow:4px 4px 4px 4px rgb(238, 129, 129);  
box-shadow:4px 4px 4px 4px rgb(238, 129,  
129) }
```


Background

The CSS property to change the background color of an element to Yxy 35.4626, 0.4372, 0.3294 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(238, 129, 129) }
```

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

```
.background{ background-color: rgb(238,  
129, 129) }
```

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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