

Converting Colors

$Y_{xy}(35.7742, 0.4119, 0.3269)$

Have a look what the booklet for
Yxy(35.7742, 0.4119, 0.3269)
contains.

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Color

Yxy(35.7742, 0.4119, 0.3269)

Conversions

Conversions Part 1

Format	Color
Hex	E3888A
RGB	227, 136, 138
RGB Percent	89%, 53%, 54%
CMY	0.1097, 0.4667, 0.4587
CMYK	0.00, 0.40, 0.39, 0.11
HSL	359°, 62%, 71%
HSV	359°, 40%, 89%
XYZ	45.0761, 35.7742, 28.5843
YIQ	163.4370, 53.5940, 19.9140

Conversions

Conversions Part 2

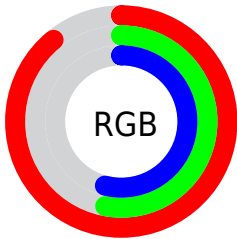
Format	Color
R _Y B	227, 136, 138
Decimal	14911626
CIE Lab	66.35, 34.97, 13.92
CIE LCh	66, 37.640, 21.698
Yxy	35.7742, 0.4119, 0.3269
Android (android.graphics.Color)	4293101706 (0xFFE3888A)
YUV	163.4370, -12.5404, 55.7448
Hunter-Lab	59.8115, 29.8539, 13.5330

Details

The Yxy color **35.7742, 0.4119, 0.3269** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **65.6174, 0.2586, 0.3314**, and the grayscale version is **36.8862, 0.3127, 0.3290**.

A 20% lighter version of the original color is **61.8485, 0.3664, 0.3281**, and **15.4802, 0.4448, 0.3234** is the 20% darker color. If you saturate the color by 10%, you get **29.4663, 0.4517, 0.3265**, and if you desaturate by 10%, it is **43.5711, 0.3787, 0.3274**.

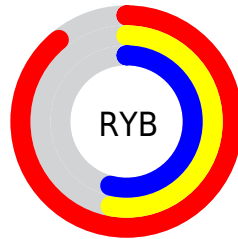
Distribution



Red (89%)

Green (53%)

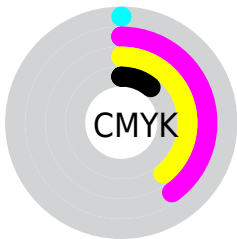
Blue (54%)



Red (89%)

Yellow (53%)

Blue (54%)

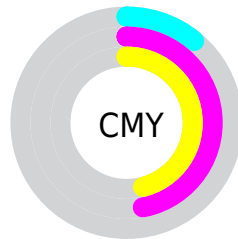


Cyan (0%)

Magenta (40%)

Yellow (39%)

Black (11%)



Cyan (11%)

Magenta (47%)

Yellow (46%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 35.7742, 0.4119, 0.3269 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 35.7742, 0.4119, 0.3269 by changing the saturation by 10% instead.


 35.7742, 0.4119,
0.3269


 35.7742, 0.4119,
0.3269


327.9725, 0.3596,
0.3296

 24.2599, 0.4257,
0.3256


 68.6834, 0.3923,
0.3283

 15.5265, 0.4440,
0.3236


 90.8471, 0.3851,
0.3287

 9.1897, 0.4689,
0.3202


 117.3293, 0.3791,
0.3290

 4.8651, 0.5048,
0.3139

148.5144, 0.3740,
0.3292

 2.1684, 0.5602,
0.3012

184.7870, 0.3697,
0.3293

 0.7027, 0.7101,
0.2899

226.5312, 0.3659,

 0.0000, 1.0000,

0.3295

0.0000

274.1316, 0.3626,
0.3295

■ 0.0000, 0.0000,
0.0000

■ 35.7742, 0.4119,
0.3269

■ 35.7742, 0.4119,
0.3269

■ 29.4663, 0.4517,
0.3265

■ 43.5711, 0.3787,
0.3274

■ 24.5477, 0.4972,
0.3264

■ 52.9378, 0.3517,
0.3279

■ 20.9152, 0.5449,
0.3266

■ 63.9554, 0.3301,
0.3285

■ 18.4488, 0.5886,
0.3272

■ 76.6981, 0.3129,
0.3290

■ 17.0058, 0.6211,
0.3282

■ 91.2356, 0.2991,
0.3295

■ 16.3451, 0.6382,
0.3290

■ 95.0740, 0.2958,
0.3290

Harmonies

Analogous

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



35.7742, 0.3662, 0.2856



35.7742, 0.4119, 0.3269



35.7742, 0.4275, 0.3716

Triad

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



35.7742, 0.4119, 0.3269



35.7742, 0.3093, 0.4223



35.7742, 0.2215, 0.2440

Complementary

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



35.7742, 0.4119, 0.3269



65.6174, 0.2586, 0.3314

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.



35.7742, 0.2098, 0.2707



35.7742, 0.4119, 0.3269



35.7742, 0.2572, 0.3773

Square

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



35.7742, 0.4119, 0.3269



35.7742, 0.3651, 0.4331



35.7742, 0.2219, 0.3187



35.7742, 0.2555, 0.2395

Rectangle

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



35.7742, 0.4119, 0.3269



35.7742, 0.4186, 0.3992



35.7742, 0.2219, 0.3187



35.7742, 0.2150, 0.2504

Sweetspot

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



35.7760, 0.4119, 0.3269



80.2274, 0.3340, 0.3284



38.9982, 0.3145, 0.2297



16.7539, 0.3367, 0.3283



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.



35.7760, 0.4119, 0.3269



39.6845, 0.4441, 0.3266



50.1401, 0.3935, 0.3784



14.3732, 0.3289, 0.3285



9.5330, 0.6376, 0.3286



0.7063, 0.6307, 0.3248

Inverse Universe

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



35.7760, 0.4119, 0.3269



39.6845, 0.4441, 0.3266



45.2864, 0.2489, 0.2731



14.3732, 0.3289, 0.3285



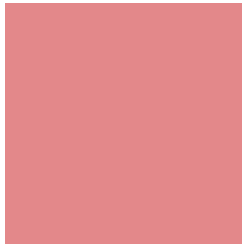
9.5330, 0.6376, 0.3286



0.7063, 0.6307, 0.3248

Previews

White Background



This preview shows how the Yxy color 35.7742, 0.4119, 0.3269 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 35.7742, 0.4119, 0.3269 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

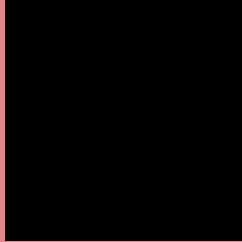
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 35.7742, 0.4119, 0.3269

Background



This preview shows how black text looks on a background with the Yxy color 35.7742, 0.4119, 0.3269.



This preview shows how white text looks on a background with the Yxy color 35.7742, 0.4119, 0.3269.

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

35.7742, 0.4119, 0.3269

Protanopia

35.9396, 0.3276, 0.3435

Deuteranopia

36.0910, 0.3646, 0.3581



Tritanopia

35.8663, 0.4053, 0.3176

Trichromacy



Original Color

35.7742, 0.4119, 0.3269

Protanomaly

35.3506, 0.3569, 0.3373

Deuteranomaly

35.8290, 0.3821, 0.3462

Tritanomaly

35.7749, 0.4088, 0.3211

Monochromacy



Original Color

35.7742, 0.4119, 0.3269

Achromatopsia

36.6253, 0.3127, 0.3290

Achromatomaly

35.5547, 0.3454, 0.3277

CSS Examples

Text

The CSS property to change the color of the text to Yxy 35.7742, 0.4119, 0.3269 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(227, 136, 138)` looks like.

```
.text, #text, p{  
    color:rgb(227, 136, 138)  
}
```

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(227, 136, 138) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(227, 136, 138) }
```

Border

The CSS property to change the border of an element to Yxy 35.7742, 0.4119, 0.3269 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(227, 136, 138) }
```

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

```
.border{ border-color:rgb(227, 136, 138) }
```

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

Here you see how a box with a 4 pixel `rgb(227, 136, 138)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(227, 136, 138); -webkit-box-  
shadow:4px 4px 4px 4px rgb(227, 136, 138);  
box-shadow:4px 4px 4px 4px rgb(227, 136,  
138) }
```


Background

The CSS property to change the background color of an element to Yxy 35.7742, 0.4119, 0.3269 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(227, 136, 138) }
```

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

```
.background{ background-color: rgb(227,  
136, 138) }
```

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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