

Converting Colors

$Y_{xy}(34.2741, 0.4552, 0.3294)$

Have a look what the booklet for
Yxy(34.2741, 0.4552, 0.3294)
contains.

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Color

Yxy(34.3789, 0.4545, 0.3294)

Conversions

Conversions Part 1

Format	Color
Hex	F37A7A
RGB	243, 122, 122
RGB Percent	95%, 48%, 48%
CMY	0.0471, 0.5215, 0.5215
CMYK	0.00, 0.50, 0.50, 0.05
HSL	360°, 83%, 72%
HSV	360°, 50%, 95%
XYZ	47.4354, 34.3789, 22.5540
YIQ	158.1790, 72.1160, 25.6520

Conversions

Conversions Part 2

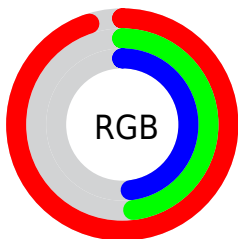
Format	Color
RYB	243, 122, 122
Decimal	15956602
CIELab	65.26, 46.34, 21.77
CIELCh	65, 51.196, 25.166
Yxy	34.3789, 0.4545, 0.3294
Android (android.graphics.Color)	4294146682 (0xFFFF37A7A)
YUV	158.1790, -17.8362, 74.3880
Hunter-Lab	58.6335, 41.8004, 18.2370

Details

The Yxy color **34.3789, 0.4545, 0.3294** is a light color, and the websafe version is hex **CC6666**. A complement of this color would be **74.7090, 0.2476, 0.3288**, and the grayscale version is **34.3373, 0.3127, 0.3290**.

A 20% lighter version of the original color is **55.7603, 0.3851, 0.3324**, and **14.6824, 0.4999, 0.3245** is the 20% darker color. If you saturate the color by 10%, you get **28.6116, 0.5010, 0.3295**, and if you desaturate by 10%, it is **41.7919, 0.4137, 0.3293**.

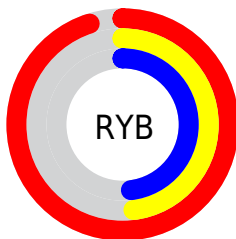
Distribution



Red (95%)

Green (48%)

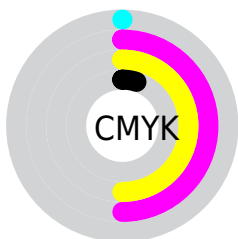
Blue (48%)



Red (95%)

Yellow (48%)

Blue (48%)

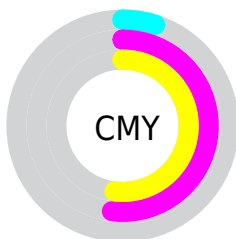


Cyan (0%)

Magenta (50%)

Yellow (50%)

Black (5%)



Cyan (5%)


Magenta (52%)


Yellow (52%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 34.3789, 0.4545, 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 34.3789, 0.4545, 0.3294 by changing the saturation by 10% instead.

 34.3789, 0.4545,
0.3294


 34.3789, 0.4545,
0.3294


321.8183, 0.3795,
0.3326


 23.1848, 0.4742,
0.3273

 66.5225, 0.4265,
0.3315

 14.7300, 0.4998,
0.3238


 88.2407, 0.4161,
0.3320

 8.6301, 0.5344,
0.3176


 114.2359, 0.4075,
0.3323

 4.5007, 0.5826,
0.3060

144.8923, 0.4002,
0.3325

 1.9574, 0.6650,
0.2883

180.5943, 0.3939,
0.3326

 0.5826, 0.7742,
0.2258

221.7264, 0.3885,


 0.0000, 1.0000,


0.3327


0.0000


268.6729, 0.3837,
0.3327


 0.0000, 0.0000,
0.0000


 34.3789, 0.4545,
0.3294


 34.3789, 0.4545,
0.3294


 28.6116, 0.5010,
0.3295


 41.7919, 0.4137,
0.3293


 24.3599, 0.5493,
0.3297


 50.9572, 0.3796,
0.3292

 21.4829, 0.5929,
0.3298


 61.9786, 0.3520,
0.3291

 19.8110, 0.6241,
0.3299

 74.9504, 0.3300,
0.3290

 19.0667, 0.6398,
0.3300

 89.9604, 0.3124,
0.3290

 19.0546, 0.6401,
0.3300

 97.7946, 0.3054,
0.3290

Harmonies

Analogous

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



34.3789, 0.3946, 0.2761



34.3789, 0.4545, 0.3294



34.3789, 0.4681, 0.3872

Triad

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



34.3789, 0.4545, 0.3294



34.3789, 0.2962, 0.4572



34.3789, 0.1957, 0.2137

Complementary

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



34.3789, 0.4545, 0.3294



74.7090, 0.2476, 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.



34.3789, 0.1775, 0.2425



34.3789, 0.4545, 0.3294



34.3789, 0.2294, 0.3870

Square

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



34.3789, 0.4545, 0.3294



34.3789, 0.3715, 0.4738



34.3789, 0.1882, 0.3030



34.3789, 0.2421, 0.2126

Rectangle

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



34.3789, 0.4545, 0.3294



34.3789, 0.4505, 0.4245



34.3789, 0.1882, 0.3030



34.3789, 0.1865, 0.2200

Sweetspot

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



34.3807, 0.4545, 0.3294



75.7539, 0.3409, 0.3291



39.0893, 0.3165, 0.2082



15.5730, 0.3457, 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.



34.3807, 0.4545, 0.3294



31.7224, 0.5027, 0.3295



53.2990, 0.4187, 0.3922



16.4826, 0.3294, 0.3290



10.4579, 0.6401, 0.3300



0.9192, 0.6400, 0.3299

Inverse Universe

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



34.3807, 0.4545, 0.3294



31.7224, 0.5027, 0.3295



45.1061, 0.2330, 0.2536



16.4826, 0.3294, 0.3290



10.4579, 0.6401, 0.3300



0.9192, 0.6400, 0.3299

Previews

White Background



This preview shows how the Yxy color 34.3789, 0.4545, 0.3294 looks on a white background.

Color Contrast Check

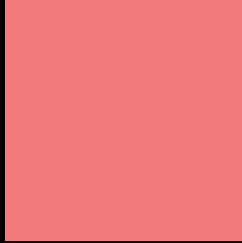
Large Text (above 18pt) WCAG AA × Fail

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 34.3789, 0.4545, 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 34.3789, 0.4545, 0.3294

Background



This preview shows how black text looks on a background with the Yxy color 34.3789, 0.4545, 0.3294.



This preview shows how white text looks on a background with the Yxy color 34.3789, 0.4545, 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

34.3789, 0.4545, 0.3294

Protanopia

34.4248, 0.3383, 0.3571

Deuteranopia

34.4322, 0.3856, 0.3774



Tritanopia

34.4928, 0.4476, 0.3209

Trichromacy



Original Color

34.3789, 0.4545, 0.3294

Protanomaly

33.4136, 0.3784, 0.3454

Deuteranomaly

33.7916, 0.4109, 0.3573

Tritanomaly

34.4142, 0.4512, 0.3241

Monochromacy



Original Color

34.3789, 0.4545, 0.3294

Achromatopsia

34.1914, 0.3127, 0.3290

Achromatomaly

33.1139, 0.3600, 0.3291

CSS Examples

Text

The CSS property to change the color of the text to Yxy 34.3789, 0.4545, 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(243, 122, 122)` looks like.

```
.text, #text, p{  
    color:rgb(243, 122, 122)  
}
```

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(243, 122, 122) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(243, 122, 122) }
```

Border

The CSS property to change the border of an element to Yxy 34.3789, 0.4545, 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(243, 122, 122) }
```

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

```
.border{ border-color:rgb(243, 122, 122) }
```

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

Here you see how a box with a 4 pixel rgb(243, 122, 122) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(243, 122, 122); -webkit-box-  
shadow:4px 4px 4px 4px rgb(243, 122, 122);  
box-shadow:4px 4px 4px 4px rgb(243, 122,  
122) }
```


Background

The CSS property to change the background color of an element to Yxy 34.3789, 0.4545, 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(243, 122, 122) }
```

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

```
.background{ background-color: rgb(243,  
122, 122) }
```

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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