

Converting Colors

$Y_{xy}(37.7658, 0.4329, 0.3291)$

Have a look what the booklet for
Yxy(37.7658, 0.4329, 0.3291)
contains.

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Color

Yxy(37.8261, 0.4335, 0.3294)

Conversions

Conversions Part 1

Format	Color
Hex	F38686
RGB	243, 134, 134
RGB Percent	95%, 53%, 53%
CMY	0.0472, 0.4744, 0.4746
CMYK	0.00, 0.45, 0.45, 0.05
HSL	0°, 82%, 74%
HSV	0°, 45%, 95%
XYZ	49.7802, 37.8261, 27.2270
YIQ	166.5910, 64.9640, 23.1080

Conversions

Conversions Part 2

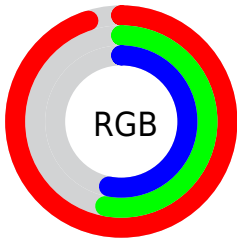
Format	Color
R _Y B	243, 134, 134
Decimal	15959686
CIE Lab	67.89, 41.43, 18.64
CIE LCh	68, 45.431, 24.224
Yxy	37.8261, 0.4335, 0.3294
Android (android.graphics.Color)	4294149766 (0xFFFF38686)
YUV	166.5910, -16.0674, 67.0107
Hunter-Lab	61.5029, 36.8471, 16.8047

Details

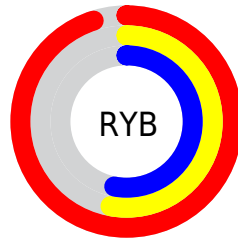
The Yxy color **37.8261, 0.4335, 0.3294** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **75.5893, 0.2524, 0.3288**, and the grayscale version is **38.4927, 0.3127, 0.3290**.

A 20% lighter version of the original color is **61.2430, 0.3700, 0.3313**, and **16.7420, 0.4713, 0.3268** is the 20% darker color. If you saturate the color by 10%, you get **31.2642, 0.4774, 0.3295**, and if you desaturate by 10%, it is **46.0891, 0.3960, 0.3293**.

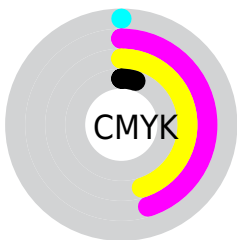
Distribution



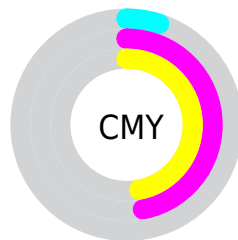
- Red (95%)
- Green (53%)
- Blue (53%)



- Red (95%)
- Yellow (53%)
- Blue (53%)



- Cyan (0%)
- Magenta (45%)
- Yellow (45%)
- Black (5%)




- Cyan (5%)
- Magenta (47%)
- Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 37.8261, 0.4335, 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 37.8261, 0.4335, 0.3294 by changing the saturation by 10% instead.


 37.8261, 0.4335,
0.3294


 37.8261, 0.4335,
0.3294

336.8734, 0.3705,
0.3317


 25.8477, 0.4499,
0.3280


 71.8415, 0.4101,
0.3309

 16.7098, 0.4712,
0.3256

 94.6474, 0.4014,
0.3312

 10.0278, 0.4998,
0.3214


 121.8312, 0.3942,
0.3314

 5.4174, 0.5401,
0.3137

153.7773, 0.3880,
0.3316

 2.4942, 0.5996,
0.2983

190.8703, 0.3827,
0.3316

 0.8737, 0.7238,
0.2762

233.4943, 0.3781,

 0.0000, 1.0000,

0.3317


0.0000


282.0339, 0.3740,
0.3317

 0.0000, 0.0000,
0.0000


 37.8261, 0.4335,
0.3294

 37.8261, 0.4335,
0.3294


 31.2642, 0.4774,
0.3295

 46.0891, 0.3960,
0.3293


 26.2798, 0.5255,
0.3297


 56.1538, 0.3652,
0.3292

 22.7420, 0.5725,
0.3298


 68.1203, 0.3405,
0.3291

 20.4965, 0.6107,
0.3299

 82.0791, 0.3208,
0.3290

 19.3537, 0.6335,
0.3300

 97.7882, 0.3053,
0.3290

 19.0503, 0.6401,
0.3300

Harmonies

Analogous

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



37.8261, 0.3814, 0.2818



37.8261, 0.4335, 0.3294



37.8261, 0.4477, 0.3808

Triad

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



37.8261, 0.4335, 0.3294



37.8261, 0.3018, 0.4384



37.8261, 0.2090, 0.2285

Complementary

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



37.8261, 0.4335, 0.3294



75.5893, 0.2524, 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.



37.8261, 0.1935, 0.2559



37.8261, 0.4335, 0.3294



37.8261, 0.2425, 0.3809

Square

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



37.8261, 0.4335, 0.3294



37.8261, 0.3675, 0.4532



37.8261, 0.2045, 0.3100



37.8261, 0.2499, 0.2261

Rectangle

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



37.8261, 0.4335, 0.3294



37.8261, 0.4342, 0.4130



37.8261, 0.2045, 0.3100



37.8261, 0.2010, 0.2347

Sweetspot

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



37.8280, 0.4335, 0.3294



78.6958, 0.3366, 0.3291



42.5639, 0.3179, 0.2195



16.1521, 0.3414, 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.



37.8280, 0.4335, 0.3294



35.3569, 0.4741, 0.3295



56.9391, 0.4045, 0.3882



16.4836, 0.3294, 0.3291



10.4595, 0.6400, 0.3300



0.9197, 0.6400, 0.3301

Inverse Universe

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



75.5893, 0.2524, 0.3288



82.5075, 0.2437, 0.3287



47.7062, 0.2403, 0.2601



18.7566, 0.2981, 0.3289



38.7012, 0.2246, 0.3286



3.4018, 0.2246, 0.3286

Previews

White Background



This preview shows how the Yxy color 37.8261, 0.4335, 0.3294 looks on a white background.

Color Contrast Check

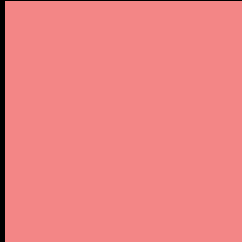
Large Text (above 18pt) WCAG AA × Fail

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 37.8261, 0.4335, 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 37.8261, 0.4335, 0.3294

Background



This preview shows how black text looks on a background with the Yxy color 37.8261, 0.4335, 0.3294.



This preview shows how white text looks on a background with the Yxy color 37.8261, 0.4335, 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

37.8261, 0.4335, 0.3294

Protanopia

37.9644, 0.3346, 0.3517

Deuteranopia

37.8773, 0.3757, 0.3679



Tritanopia

37.9611, 0.4258, 0.3196

Trichromacy



Original Color

37.8261, 0.4335, 0.3294



Protanomaly

37.1306, 0.3677, 0.3423



Deuteranomaly

37.4484, 0.3974, 0.3530



Tritanomaly

37.8722, 0.4293, 0.3228

Monochromacy



Original Color

37.8261, 0.4335, 0.3294



Achromatopsia

38.6429, 0.3127, 0.3290



Achromatomaly

37.4113, 0.3532, 0.3291

CSS Examples

Text

The CSS property to change the color of the text to Yxy 37.8261, 0.4335, 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, 134, 134)` looks like.

```
.text, #text, p{  
    color:rgb(243, 134, 134)  
}
```

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, 134, 134) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(243, 134, 134) }
```

Border

The CSS property to change the border of an element to Yxy 37.8261, 0.4335, 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, 134, 134) }
```

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

```
.border{ border-color:rgb(243, 134, 134) }
```

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

Here you see how a box with a 4 pixel rgb(243, 134, 134) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(243, 134, 134); -webkit-box-  
shadow:4px 4px 4px 4px rgb(243, 134, 134);  
box-shadow:4px 4px 4px 4px rgb(243, 134,  
134) }
```


Background

The CSS property to change the background color of an element to Yxy 37.8261, 0.4335, 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, 134, 134) }
```

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

```
.background{ background-color: rgb(243,  
134, 134) }
```

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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