

Converting Colors

$Y_{xy}(34.8666, 0.4680, 0.3464)$

Have a look what the booklet for
Yxy(34.8666, 0.4680, 0.3464)
contains.

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Color

Yxy(34.8260, 0.4678, 0.3462)

Conversions

Conversions Part 1

Format	Color
Hex	F37D6D
RGB	243, 125, 109
RGB Percent	95%, 49%, 43%
CMY	0.0470, 0.5098, 0.5725
CMYK	0.00, 0.49, 0.55, 0.05
HSL	7°, 85%, 69%
HSV	7°, 55%, 95%
XYZ	47.0584, 34.8260, 18.7107
YIQ	158.4580, 75.4640, 20.0400

Conversions

Conversions Part 2

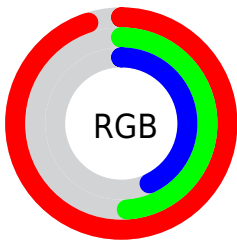
Format	Color
R _Y B	243, 127, 109
Decimal	15957357
CIE Lab	65.61, 43.77, 29.52
CIE LCh	66, 52.795, 33.996
Yxy	34.8260, 0.4678, 0.3462
Android (android.graphics.Color)	4294147437 (0xFFFF37D6D)
YUV	158.4580, -24.3828, 74.1433
Hunter-Lab	59.0136, 39.0650, 22.5112

Details

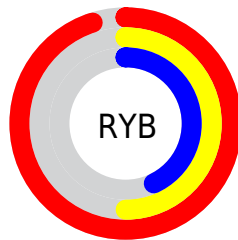
The Yxy color **34.8260, 0.4678, 0.3462** is a light color, and the websafe version is hex **FF6666**. A complement of this color would be **64.6672, 0.2387, 0.3090**, and the grayscale version is **34.4992, 0.3127, 0.3290**.

A 20% lighter version of the original color is **56.4757, 0.3957, 0.3492**, and **14.9167, 0.5164, 0.3431** is the 20% darker color. If you saturate the color by 10%, you get **29.5278, 0.5120, 0.3475**, and if you desaturate by 10%, it is **41.4396, 0.4276, 0.3437**.

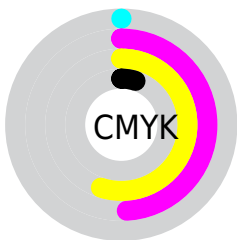
Distribution



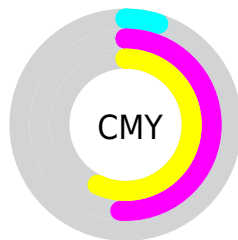
- Red (95%)
- Green (49%)
- Blue (43%)



- Red (95%)
- Yellow (50%)
- Blue (43%)



- Cyan (0%)
- Magenta (49%)
- Yellow (55%)
- Black (5%)





- Cyan (5%)
- Magenta (51%)
- Yellow (57%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 34.8260, 0.4678, 0.3462 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 34.8260, 0.4678, 0.3462 by changing the saturation by 10% instead.

 34.8260, 0.4678,
0.3462

 34.8260, 0.4678,
0.3462


323.7996, 0.3863,
0.3420


 23.5289, 0.4888,
0.3455


 67.2161, 0.4375,
0.3459

 14.9845, 0.5158,
0.3434


 89.0779, 0.4263,
0.3454

 8.8085, 0.5515,
0.3385


 115.2300, 0.4169,
0.3449

 4.6165, 0.5996,
0.3277

 146.0569, 0.4090,
0.3443

 2.0241, 0.6867,
0.3133

181.9429, 0.4021,
0.3437

 0.6214, 0.7586,
0.2414

223.2724, 0.3961,

 0.0000, 1.0000,

0.3431

0.0000

270.4299, 0.3909,
0.3426

0.0000, 0.0000,
0.0000

34.8260, 0.4678,
0.3462

34.8260, 0.4678,
0.3462

29.5278, 0.5120,
0.3475

41.4396, 0.4276,
0.3437

25.4516, 0.5564,
0.3469

49.4429, 0.3930,
0.3405

22.5005, 0.5954,
0.3440

58.9112, 0.3641,
0.3371

20.5597, 0.6228,
0.3390

69.9127, 0.3405,
0.3337

19.9353, 0.6317,
0.3367

82.5113, 0.3212,
0.3305

96.7673, 0.3055,
0.3276

97.7961, 0.3054,
0.3290

Harmonies

Analogous

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



34.8260, 0.4187, 0.2898



34.8260, 0.4678, 0.3462



34.8260, 0.4663, 0.4052

Triad

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



34.8260, 0.4678, 0.3462



34.8260, 0.2735, 0.4444



34.8260, 0.2040, 0.2080

Complementary

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



34.8260, 0.4678, 0.3462



64.6672, 0.2387, 0.3090

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.



34.8260, 0.1770, 0.2284



34.8260, 0.4678, 0.3462



34.8260, 0.2116, 0.3622

Square

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



34.8260, 0.4678, 0.3462



34.8260, 0.3502, 0.4792



34.8260, 0.1789, 0.2804



34.8260, 0.2595, 0.2144

Rectangle

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



34.8260, 0.4678, 0.3462



34.8260, 0.4399, 0.4417



34.8260, 0.1789, 0.2804



34.8260, 0.1918, 0.2116

Sweetspot

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



34.8278, 0.4678, 0.3462



75.5314, 0.3446, 0.3343



35.5610, 0.3339, 0.2107



15.6220, 0.3492, 0.3350



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.



34.8278, 0.4678, 0.3462



32.4151, 0.5166, 0.3475



57.7016, 0.4217, 0.4160



16.8010, 0.3291, 0.3319



11.0402, 0.6300, 0.3380



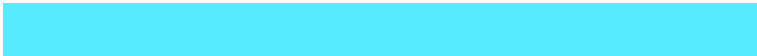
1.0711, 0.6117, 0.3525

Inverse Universe

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



64.6672, 0.2387, 0.3090



68.5963, 0.2291, 0.3044



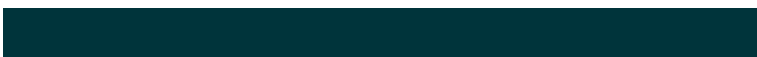
34.9939, 0.2198, 0.2190



18.4002, 0.2981, 0.3261



30.0767, 0.2141, 0.2909



2.7369, 0.2156, 0.2961

Previews

White Background



This preview shows how the Yxy color 34.8260, 0.4678, 0.3462 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 34.8260, 0.4678, 0.3462 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 34.8260, 0.4678, 0.3462

Background



This preview shows how black text looks on a background with the Yxy color 34.8260, 0.4678, 0.3462.



This preview shows how white text looks on a background with the Yxy color 34.8260, 0.4678, 0.3462.

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

34.8260, 0.4678, 0.3462

Protanopia

35.1429, 0.3562, 0.3818

Deuteranopia

34.9884, 0.4022, 0.3950



Tritanopia

34.7909, 0.4445, 0.3198

Trichromacy



Original Color

34.8260, 0.4678, 0.3462

Protanomaly

34.0697, 0.3958, 0.3665

Deuteranomaly

34.5344, 0.4268, 0.3752

Tritanomaly

34.8291, 0.4537, 0.3294

Monochromacy



Original Color

34.8260, 0.4678, 0.3462

Achromatopsia

34.1914, 0.3127, 0.3290

Achromatomaly

33.2700, 0.3651, 0.3374

CSS Examples

Text

The CSS property to change the color of the text to Yxy 34.8260, 0.4678, 0.3462 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, 125, 109)` looks like.

```
.text, #text, p{  
    color:rgb(243, 125, 109)  
}
```

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, 125, 109) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(243, 125, 109) }
```

Border

The CSS property to change the border of an element to Yxy 34.8260, 0.4678, 0.3462 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, 125, 109) }
```

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

```
.border{ border-color:rgb(243, 125, 109) }
```

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

Here you see how a box with a 4 pixel `rgb(243, 125, 109)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(243, 125, 109); -webkit-box-  
shadow:4px 4px 4px 4px rgb(243, 125, 109);  
box-shadow:4px 4px 4px 4px rgb(243, 125,  
109) }
```


Background

The CSS property to change the background color of an element to Yxy 34.8260, 0.4678, 0.3462 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(243, 125, 109) }
```

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

```
.background{ background-color: rgb(243,  
125, 109) }
```

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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