

Converting Colors

$Y_{xy}(34.6609, 0.4680, 0.3500)$

Have a look what the booklet for
Yxy(34.6609, 0.4680, 0.3500)
contains.

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Color

Yxy(34.6840, 0.4675, 0.3495)

Conversions

Conversions Part 1

Format	Color
Hex	F17E6B
RGB	241, 126, 107
RGB Percent	95%, 49%, 42%
CMY	0.0548, 0.5059, 0.5804
CMYK	0.00, 0.48, 0.56, 0.05
HSL	9°, 83%, 68%
HSV	9°, 56%, 95%
XYZ	46.3942, 34.6840, 18.1607
YIQ	158.2190, 74.6390, 18.4710

Conversions

Conversions Part 2

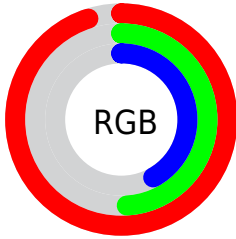
Format	Color
R _Y B	241, 129, 107
Decimal	15826539
CIE Lab	65.50, 42.38, 30.43
CIE LCh	66, 52.173, 35.678
Yxy	34.6840, 0.4675, 0.3495
Android (android.graphics.Color)	4294016619 (0xFFFF17E6B)
YUV	158.2190, -25.2510, 72.5989
Hunter-Lab	58.8931, 37.5538, 22.9421

Details

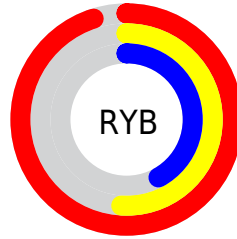
The Yxy color **34.6840, 0.4675, 0.3495** is a light color, and the websafe version is hex **CC6666**. A complement of this color would be **61.7328, 0.2375, 0.3050**, and the grayscale version is **34.3888, 0.3127, 0.3290**.

A 20% lighter version of the original color is **56.8110, 0.3971, 0.3524**, and **14.9166, 0.5151, 0.3483** is the 20% darker color. If you saturate the color by 10%, you get **29.4929, 0.5109, 0.3511**, and if you desaturate by 10%, it is **41.1138, 0.4279, 0.3465**.

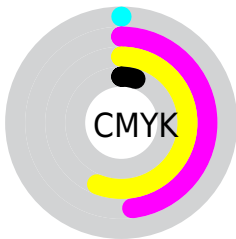
Distribution



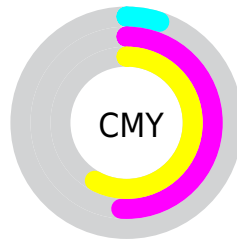
- Red (95%)
- Green (49%)
- Blue (42%)



- Red (95%)
- Yellow (51%)
- Blue (42%)



- Cyan (0%)
- Magenta (48%)
- Yellow (56%)
- Black (5%)





- Cyan (5%)
- Magenta (51%)
- Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 34.6840, 0.4675, 0.3495 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 34.6840, 0.4675, 0.3495 by changing the saturation by 10% instead.


 34.6840, 0.4675,
0.3495


 34.6840, 0.4675,
0.3495


323.1713, 0.3861,
0.3437


 23.4196, 0.4884,
0.3491


 66.9959, 0.4373,
0.3487

 14.9036, 0.5154,
0.3475


 88.8122, 0.4261,
0.3479

 8.7518, 0.5508,
0.3431


 114.9146, 0.4168,
0.3472

 4.5796, 0.5985,
0.3327

 145.6874, 0.4088,
0.3464

 2.0028, 0.6822,
0.3178

181.5151, 0.4019,
0.3457

 0.6091, 0.7546,
0.2454

222.7821, 0.3960,

 0.0000, 1.0000,

0.3450

0.0000

269.8727, 0.3907,
0.3443

0.0000, 0.0000,
0.0000

34.6840, 0.4675,
0.3495

34.6840, 0.4675,
0.3495

29.4929, 0.5109,
0.3511

41.1138, 0.4279,
0.3465

25.4551, 0.5546,
0.3504

48.8495, 0.3936,
0.3427

22.4828, 0.5930,
0.3471

57.9602, 0.3649,
0.3387

20.4727, 0.6204,
0.3413

68.5084, 0.3413,
0.3348

19.8562, 0.6289,
0.3388

80.5525, 0.3220,
0.3310

■ 94.1481, 0.3062,
0.3275

■ 97.4432, 0.3042,
0.3290

Harmonies

Analogous

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



34.6840, 0.4214, 0.2932



34.6840, 0.4675, 0.3495



34.6840, 0.4634, 0.4080

Triad

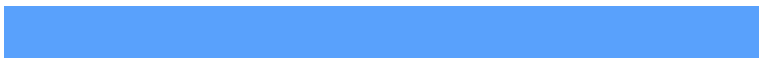
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



34.6840, 0.4675, 0.3495



34.6840, 0.2699, 0.4393



34.6840, 0.2073, 0.2088

Complementary

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



34.6840, 0.4675, 0.3495



61.7328, 0.2375, 0.3050

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.



34.6840, 0.1789, 0.2275



34.6840, 0.4675, 0.3495



34.6840, 0.2100, 0.3569

Square

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



34.6840, 0.4675, 0.3495



34.6840, 0.3457, 0.4773



34.6840, 0.1792, 0.2773



34.6840, 0.2639, 0.2164

Rectangle

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



34.6840, 0.4675, 0.3495



34.6840, 0.4359, 0.4435



34.6840, 0.1792, 0.2773



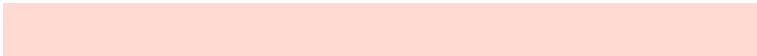
34.6840, 0.1947, 0.2119

Sweetspot

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



34.6858, 0.4675, 0.3495



76.0315, 0.3444, 0.3353



34.5555, 0.3364, 0.2118



15.7385, 0.3490, 0.3361



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.



34.6858, 0.4675, 0.3495



32.7041, 0.5180, 0.3511



57.4105, 0.4212, 0.4187



16.1201, 0.3290, 0.3324



10.8806, 0.6270, 0.3404



1.0162, 0.6057, 0.3573

Inverse Universe

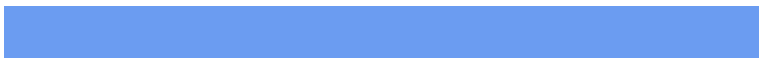
The Inverse Universe completely reimagines the original color for something new.



61.7328, 0.2375, 0.3050



66.1450, 0.2272, 0.2992



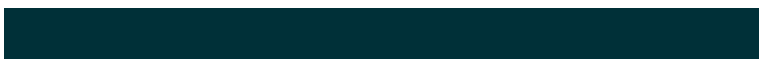
33.3026, 0.2184, 0.2148



17.5247, 0.2981, 0.3256



27.7550, 0.2121, 0.2835



2.4127, 0.2139, 0.2901

Previews

White Background



This preview shows how the Yxy color 34.6840, 0.4675, 0.3495 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 34.6840, 0.4675, 0.3495 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 34.6840, 0.4675, 0.3495

Background



This preview shows how black text looks on a background with the Yxy color 34.6840, 0.4675, 0.3495.



This preview shows how white text looks on a background with the Yxy color 34.6840, 0.4675, 0.3495.

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

34.6840, 0.4675, 0.3495

Protanopia

34.8347, 0.3604, 0.3846

Deuteranopia

34.6222, 0.4047, 0.3962



Tritanopia

34.8593, 0.4430, 0.3208

Trichromacy



Original Color

34.6840, 0.4675, 0.3495

Protanomaly

33.8642, 0.3979, 0.3707

Deuteranomaly

34.3460, 0.4278, 0.3778

Tritanomaly

34.6977, 0.4523, 0.3316

Monochromacy



Original Color

34.6840, 0.4675, 0.3495

Achromatopsia

34.1914, 0.3127, 0.3290

Achromatomaly

33.1132, 0.3651, 0.3388

CSS Examples

Text

The CSS property to change the color of the text to Yxy 34.6840, 0.4675, 0.3495 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(241, 126, 107)` looks like.

```
.text, #text, p{  
    color:rgb(241, 126, 107)  
}
```

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(241, 126, 107) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(241, 126, 107) }
```

Border

The CSS property to change the border of an element to Yxy 34.6840, 0.4675, 0.3495 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(241, 126, 107) }
```

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

```
.border{ border-color:rgb(241, 126, 107) }
```

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

Here you see how a box with a 4 pixel `rgb(241, 126, 107)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(241, 126, 107); -webkit-box-  
shadow:4px 4px 4px 4px rgb(241, 126, 107);  
box-shadow:4px 4px 4px 4px rgb(241, 126,  
107) }
```


Background

The CSS property to change the background color of an element to Yxy 34.6840, 0.4675, 0.3495 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(241, 126, 107) }
```

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

```
.background{ background-color: rgb(241,  
126, 107) }
```

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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