

Converting Colors

$Y_{xy}(48.6358, 0.5297, 0.3330)$

Have a look what the booklet for
Yxy(48.6358, 0.5297, 0.3330)
contains.

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Color

Yxy(34.6473, 0.4843, 0.3343)

Conversions

Conversions Part 1

Format	Color
Hex	FF736E
RGB	255, 115, 110
RGB Percent	100%, 45%, 43%
CMY	0.0000, 0.5491, 0.5685
CMYK	0.00, 0.55, 0.57, 0.00
HSL	2°, 100%, 72%
HSV	2°, 57%, 100%
XYZ	50.1935, 34.6473, 18.8005
YIQ	156.2900, 85.0450, 28.1250

Conversions

Conversions Part 2

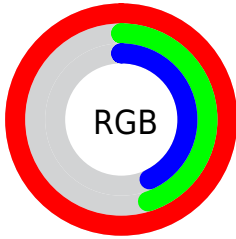
Format	Color
R_{YB}	255, 115, 110
Decimal	16741230
CIE _{Lab}	65.47, 52.97, 29.10
CIE _{LCh}	65, 60.438, 28.784
Yxy	34.6473, 0.4843, 0.3343
Android (android.graphics.Color)	4294931310 (0xFFFF736E)
YUV	156.2900, -22.8210, 86.5687
Hunter-Lab	58.8620, 49.2043, 22.2661

Details

The Yxy color **34.6473, 0.4843, 0.3343** is a light color, and the websafe version is hex **FF6666**. A complement of this color would be **78.9324, 0.2401, 0.3230**, and the grayscale version is **33.4536, 0.3127, 0.3290**.

A 20% lighter version of the original color is **52.9945, 0.3984, 0.3387**, and **14.9170, 0.5375, 0.3275** is the 20% darker color. If you saturate the color by 10%, you get **29.2810, 0.5318, 0.3346**, and if you desaturate by 10%, it is **41.6670, 0.4401, 0.3336**.

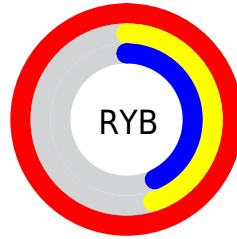
Distribution



Red (100%)

Green (45%)

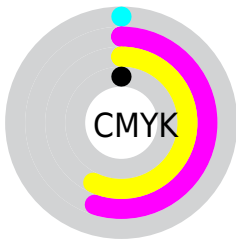
Blue (43%)



Red (100%)

Yellow (45%)

Blue (43%)

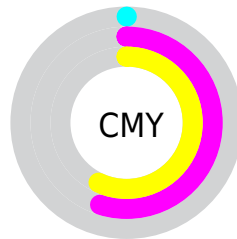


Cyan (0%)

Magenta (55%)

Yellow (57%)

Black (0%)



Cyan (0%)


Magenta (55%)


Yellow (57%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 34.6473, 0.4843, 0.3343 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 34.6473, 0.4843, 0.3343 by changing the saturation by 10% instead.


 34.6473, 0.4843,
0.3343

 34.6473, 0.4843,
0.3343


323.0088, 0.3942,
0.3370


 23.3913, 0.5074,
0.3317


 66.9390, 0.4509,
0.3367


 14.8827, 0.5370,
0.3270


 88.7435, 0.4385,
0.3371

 8.7371, 0.5759,
0.3188


 114.8330, 0.4281,
0.3374

 4.5701, 0.6279,
0.3033

 145.5919, 0.4193,
0.3374

 1.9973, 0.7187,
0.2813

181.4045, 0.4117,
0.3374

 0.6059, 0.7946,
0.2054

222.6552, 0.4051,

 0.0000, 1.0000,

0.3373

0.0000

269.7285, 0.3993,
0.3371

■ 0.0000, 0.0000,
0.0000

■ 34.6473, 0.4843,
0.3343

■ 34.6473, 0.4843,
0.3343

■ 29.2810, 0.5318,
0.3346

■ 41.6670, 0.4401,
0.3336

■ 25.4409, 0.5774,
0.3341

■ 50.4708, 0.4020,
0.3327

■ 22.9657, 0.6136,
0.3330

■ 61.1655, 0.3705,
0.3316

■ 21.6624, 0.6345,
0.3314

■ 73.8523, 0.3449,
0.3306

■ 21.4494, 0.6384,
0.3313

■ 88.6252, 0.3244,
0.3296

100.0000, 0.3127,
0.3290

Harmonies

Analogous

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



34.6473, 0.4194, 0.2740



34.6473, 0.4843, 0.3343



34.6473, 0.4907, 0.3995

Triad

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



34.6473, 0.4843, 0.3343



34.6473, 0.2807, 0.4761



34.6473, 0.1834, 0.1951

Complementary

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



34.6473, 0.4843, 0.3343



78.9324, 0.2401, 0.3230

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.



34.6473, 0.1594, 0.2220



34.6473, 0.4843, 0.3343



34.6473, 0.2076, 0.3848

Square

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



34.6473, 0.4843, 0.3343



34.6473, 0.3673, 0.5009



34.6473, 0.1664, 0.2859



34.6473, 0.2390, 0.1980

Rectangle

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



34.6473, 0.4843, 0.3343



34.6473, 0.4644, 0.4426



34.6473, 0.1664, 0.2859



34.6473, 0.1720, 0.2004

Sweetspot

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



34.6442, 0.4843, 0.3343



73.6514, 0.3452, 0.3306



39.3297, 0.3234, 0.1984



15.1850, 0.3499, 0.3308



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.



34.6442, 0.4843, 0.3343



28.7661, 0.5373, 0.3345



58.0733, 0.4338, 0.4070



18.0866, 0.3294, 0.3299



11.2509, 0.6377, 0.3319



1.1290, 0.6321, 0.3363

Inverse Universe

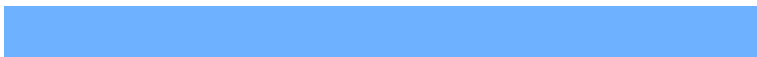
The Inverse Universe completely reimagines the original color for something new.



78.9324, 0.2401, 0.3230



76.7888, 0.2321, 0.3217



42.2499, 0.2202, 0.2306



20.3685, 0.2980, 0.3281



38.3478, 0.2217, 0.3183



3.7659, 0.2221, 0.3195

Previews

White Background



This preview shows how the Yxy color 34.6473, 0.4843, 0.3343 looks on a white background.

Color Contrast Check

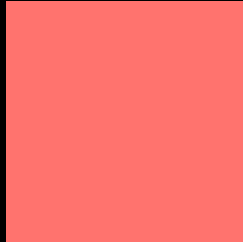
Large Text (above 18pt) WCAG AA × Fail

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 34.6473, 0.4843, 0.3343 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 34.6473, 0.4843, 0.3343

Background



This preview shows how black text looks on a background with the Yxy color 34.6473, 0.4843, 0.3343.



This preview shows how white text looks on a background with the Yxy color 34.6473, 0.4843, 0.3343.

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

34.6473, 0.4843, 0.3343

Protanopia

34.8163, 0.3507, 0.3732

Deuteranopia

34.6624, 0.4028, 0.3937



Tritanopia

34.6751, 0.4717, 0.3226

Trichromacy



Original Color

34.6473, 0.4843, 0.3343

Protanomaly

33.3294, 0.3979, 0.3570

Deuteranomaly

33.9529, 0.4337, 0.3695

Tritanomaly

34.5790, 0.4766, 0.3266

Monochromacy



Original Color

34.6473, 0.4843, 0.3343

Achromatopsia

33.2452, 0.3127, 0.3290

Achromatomaly

32.1203, 0.3712, 0.3319

CSS Examples

Text

The CSS property to change the color of the text to Yxy 34.6473, 0.4843, 0.3343 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(255, 115, 110)` looks like.

```
.text, #text, p{  
    color:rgb(255, 115, 110)  
}
```

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(255, 115, 110) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 115, 110) }
```

Border

The CSS property to change the border of an element to Yxy 34.6473, 0.4843, 0.3343 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(255, 115, 110) }
```

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

```
.border{ border-color:rgb(255, 115, 110) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 115, 110)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 115, 110); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 115, 110);  
box-shadow:4px 4px 4px 4px rgb(255, 115,  
110) }
```


Background

The CSS property to change the background color of an element to Yxy 34.6473, 0.4843, 0.3343 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 115, 110) }
```

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

```
.background{ background-color: rgb(255,  
115, 110) }
```

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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