

Converting Colors

$Y_{xy}(36.1019, 0.4561, 0.3169)$

Have a look what the booklet for
Yxy(36.1019, 0.4561, 0.3169)
contains.

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Color

Yxy(36.0923, 0.4566, 0.3174)

Conversions

Conversions Part 1

Format	Color
Hex	FF7783
RGB	255, 119, 131
RGB Percent	100%, 47%, 51%
CMY	0.0002, 0.5332, 0.4863
CMYK	0.00, 0.53, 0.49, 0.00
HSL	355°, 100%, 73%
HSV	355°, 53%, 100%
XYZ	51.9211, 36.0923, 25.6990
YIQ	161.0320, 77.2040, 32.5640

Conversions

Conversions Part 2

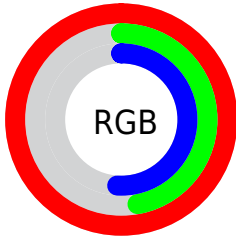
Format	Color
R _Y B	255, 119, 131
Decimal	16742275
CIE Lab	66.59, 52.74, 18.80
CIE LCh	67, 55.989, 19.618
Yxy	36.0923, 0.4566, 0.3174
Android (android.graphics.Color)	4294932355 (0xFFFF7783)
YUV	161.0320, -14.8058, 82.4099
Hunter-Lab	60.0769, 49.1330, 16.6914

Details

The Yxy color **36.0923, 0.4566, 0.3174** is a light color, and the websafe version is hex **FF6666**. A complement of this color would be **81.8886, 0.2492, 0.3428**, and the grayscale version is **35.7044, 0.3127, 0.3290**.

A 20% lighter version of the original color is **55.3806, 0.3766, 0.3197**, and **15.7453, 0.5018, 0.3086** is the 20% darker color. If you saturate the color by 10%, you get **30.2541, 0.5010, 0.3166**, and if you desaturate by 10%, it is **43.7033, 0.4172, 0.3191**.

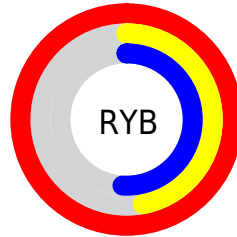
Distribution



Red (100%)

Green (47%)

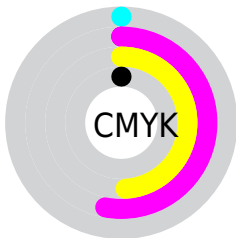
Blue (51%)



Red (100%)

Yellow (47%)

Blue (51%)

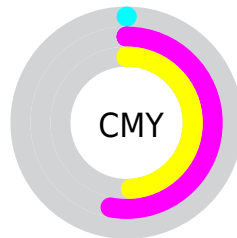


Cyan (0%)

Magenta (53%)

Yellow (49%)

Black (0%)



Cyan (0%)


Magenta (53%)

Yellow (49%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 36.0923, 0.4566, 0.3174 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 36.0923, 0.4566, 0.3174 by changing the saturation by 10% instead.


 36.0923, 0.4566,
0.3174


 36.0923, 0.4566,
0.3174


329.3638, 0.3812,
0.3265


 24.5055, 0.4762,
0.3140


 69.1745, 0.4285,
0.3215

 15.7090, 0.5017,
0.3089


 91.4387, 0.4182,
0.3229

 9.3185, 0.5358,
0.3010


 118.0308, 0.4095,
0.3239

 4.9495, 0.5833,
0.2877

149.3352, 0.4021,
0.3246

 2.2177, 0.6539,
0.2644

185.7363, 0.3958,
0.3253

 0.7296, 0.7790,
0.2210

227.6185, 0.3903,

 0.0000, 1.0000,

0.3258


0.0000


275.3662, 0.3854,
0.3262


 0.0000, 0.0000,
0.0000

 36.0923, 0.4566,
0.3174


 36.0923, 0.4566,
0.3174

 30.2541, 0.5010,
0.3166


 43.7033, 0.4172,
0.3191


 26.0400, 0.5471,
0.3172


 53.2086, 0.3841,
0.3214


 23.2868, 0.5889,
0.3195

 64.7256, 0.3570,
0.3237

 21.7942, 0.6198,
0.3233

 78.3608, 0.3352,
0.3261

 21.3112, 0.6326,
0.3259

 94.2129, 0.3177,
0.3283

99.9917, 0.3127,
0.3290

Harmonies

Analogous

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



36.0923, 0.3850, 0.2631



36.0923, 0.4566, 0.3174



36.0923, 0.4806, 0.3779

Triad

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



36.0923, 0.4566, 0.3174



36.0923, 0.3088, 0.4765



36.0923, 0.1826, 0.2094

Complementary

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



36.0923, 0.4566, 0.3174



81.8886, 0.2492, 0.3428

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.



36.0923, 0.1688, 0.2452



36.0923, 0.4566, 0.3174



36.0923, 0.2346, 0.4086

Square

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



36.0923, 0.4566, 0.3174



36.0923, 0.3884, 0.4809



36.0923, 0.1855, 0.3158



36.0923, 0.2258, 0.2036

Rectangle

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



36.0923, 0.4566, 0.3174



36.0923, 0.4668, 0.4185



36.0923, 0.1855, 0.3158



36.0923, 0.1747, 0.2177

Sweetspot

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



36.0942, 0.4566, 0.3174



74.5052, 0.3406, 0.3255



39.1863, 0.3065, 0.1968



15.3341, 0.3449, 0.3250



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.



36.0942, 0.4566, 0.3174



29.9233, 0.5042, 0.3166



52.6288, 0.4359, 0.3850



18.0130, 0.3281, 0.3269



11.1487, 0.6306, 0.3247



1.0939, 0.6113, 0.3141

Inverse Universe

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



36.0942, 0.4566, 0.3174



29.9233, 0.5042, 0.3166



52.7252, 0.2305, 0.2617



18.0130, 0.3281, 0.3269



11.1487, 0.6306, 0.3247



1.0939, 0.6113, 0.3141

Previews

White Background



This preview shows how the Yxy color 36.0923, 0.4566, 0.3174 looks on a white background.

Color Contrast Check

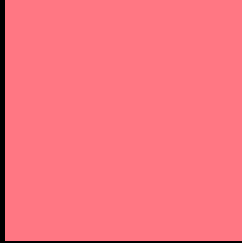
Large Text (above 18pt) WCAG AA × Fail

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 36.0923, 0.4566, 0.3174 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 36.0923, 0.4566, 0.3174

Background



This preview shows how black text looks on a background with the Yxy color 36.0923, 0.4566, 0.3174.



This preview shows how white text looks on a background with the Yxy color 36.0923, 0.4566, 0.3174.

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

36.0923, 0.4566, 0.3174

Protanopia

36.4325, 0.3275, 0.3435

Deuteranopia

36.3340, 0.3788, 0.3712



Tritanopia

36.2515, 0.4597, 0.3214

Trichromacy



Original Color

36.0923, 0.4566, 0.3174

Protanomaly

34.8507, 0.3726, 0.3318

Deuteranomaly

35.4734, 0.4073, 0.3491

Tritanomaly

36.2779, 0.4585, 0.3204

Monochromacy



Original Color

36.0923, 0.4566, 0.3174

Achromatopsia

35.6400, 0.3127, 0.3290

Achromatomaly

34.3619, 0.3608, 0.3238

CSS Examples

Text

The CSS property to change the color of the text to Yxy 36.0923, 0.4566, 0.3174 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, 119, 131)` looks like.

```
.text, #text, p{  
    color:rgb(255, 119, 131)  
}
```

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, 119, 131) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 119, 131) }
```

Border

The CSS property to change the border of an element to Yxy 36.0923, 0.4566, 0.3174 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, 119, 131) }
```

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

```
.border{ border-color:rgb(255, 119, 131) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 119, 131)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 119, 131); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 119, 131);  
box-shadow:4px 4px 4px 4px rgb(255, 119,  
131) }
```


Background

The CSS property to change the background color of an element to Yxy 36.0923, 0.4566, 0.3174 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 119, 131) }
```

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

```
.background{ background-color: rgb(255,  
119, 131) }
```

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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