

Converting Colors

$Y_{xy}(36.0521, 0.4639, 0.3243)$

Have a look what the booklet for
Yxy(36.0521, 0.4639, 0.3243)
contains.

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Color

Yxy(36.1736, 0.4633, 0.3244)

Conversions

Conversions Part 1

Format	Color
Hex	FF787D
RGB	255, 120, 125
RGB Percent	100%, 47%, 49%
CMY	0.0000, 0.5294, 0.5097
CMYK	0.00, 0.53, 0.51, 0.00
HSL	358°, 100%, 74%
HSV	358°, 53%, 100%
XYZ	51.6622, 36.1736, 23.6734
YIQ	160.9350, 78.8550, 30.1750

Conversions

Conversions Part 2

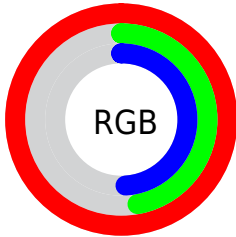
Format	Color
R _Y B	255, 120, 125
Decimal	16742525
CIE Lab	66.65, 51.79, 22.24
CIE LCh	67, 56.365, 23.241
Yxy	36.1736, 0.4633, 0.3244
Android (android.graphics.Color)	4294932605 (0xFFFF787D)
YUV	160.9350, -17.7160, 82.4950
Hunter-Lab	60.1445, 48.0730, 18.7641

Details

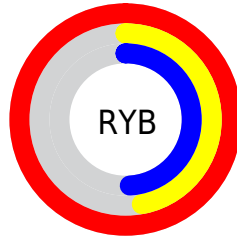
The Yxy color **36.1736, 0.4633, 0.3244** is a light color, and the websafe version is hex **FF6666**. A complement of this color would be **82.4126, 0.2467, 0.3346**, and the grayscale version is **35.6658, 0.3127, 0.3290**.

A 20% lighter version of the original color is **55.1343, 0.3821, 0.3261**, and **15.7717, 0.5114, 0.3170** is the 20% darker color. If you saturate the color by 10%, you get **30.2838, 0.5097, 0.3242**, and if you desaturate by 10%, it is **43.8519, 0.4219, 0.3250**.

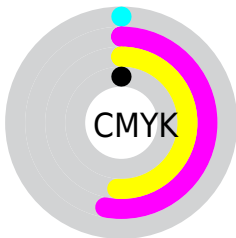
Distribution



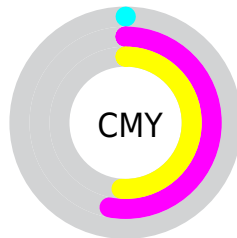
- Red (100%)
- Green (47%)
- Blue (49%)



- Red (100%)
- Yellow (47%)
- Blue (49%)



- Cyan (0%)
- Magenta (53%)
- Yellow (51%)
- Black (0%)





- Cyan (0%)
- Magenta (53%)
- Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 36.1736, 0.4633, 0.3244 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 36.1736, 0.4633, 0.3244 by changing the saturation by 10% instead.


 36.1736, 0.4633,
0.3244

 36.1736, 0.4633,
0.3244


329.7187, 0.3844,
0.3305

 24.5683, 0.4837,
0.3215


 69.2999, 0.4340,
0.3276

 15.7557, 0.5101,
0.3170


 91.5897, 0.4232,
0.3285

 9.3515, 0.5453,
0.3096


 118.2099, 0.4141,
0.3291

 4.9711, 0.5937,
0.2967

149.5447, 0.4064,
0.3296

 2.2303, 0.6692,
0.2750

185.9786, 0.3997,
0.3299

 0.7365, 0.7750,
0.2250

227.8959, 0.3939,

 0.0000, 1.0000,

0.3302

0.0000

275.6812, 0.3889,
0.3304

0.0000, 0.0000,
0.0000

36.1736, 0.4633,
0.3244

36.1736, 0.4633,
0.3244

30.2838, 0.5097,
0.3242

43.8519, 0.4219,
0.3250

26.0370, 0.5570,
0.3246

53.4462, 0.3870,
0.3259

23.2667, 0.5983,
0.3258

65.0736, 0.3585,
0.3269

21.7710, 0.6267,
0.3276

78.8415, 0.3356,
0.3278

21.2809, 0.6374,
0.3285

94.8500, 0.3174,
0.3287

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.



36.1736, 0.3958, 0.2688



36.1736, 0.4633, 0.3244



36.1736, 0.4807, 0.3855

Triad

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



36.1736, 0.4633, 0.3244



36.1736, 0.2990, 0.4723



36.1736, 0.1856, 0.2066

Complementary

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



36.1736, 0.4633, 0.3244



82.4126, 0.2467, 0.3346

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.



36.1736, 0.1682, 0.2386



36.1736, 0.4633, 0.3244



36.1736, 0.2265, 0.3979

Square

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



36.1736, 0.4633, 0.3244



36.1736, 0.3795, 0.4845



36.1736, 0.1811, 0.3053



36.1736, 0.2326, 0.2041

Rectangle

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



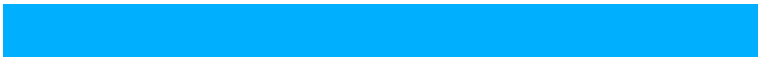
36.1736, 0.4633, 0.3244



36.1736, 0.4628, 0.4260



36.1736, 0.1811, 0.3053



36.1736, 0.1765, 0.2137

Sweetspot

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



36.1740, 0.4633, 0.3244



74.3980, 0.3421, 0.3275



40.6546, 0.3126, 0.1999



15.3089, 0.3467, 0.3273



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.



36.1740, 0.4633, 0.3244



29.7595, 0.5147, 0.3242



55.5617, 0.4305, 0.3915



17.9981, 0.3289, 0.3282



11.1245, 0.6363, 0.3279



1.0868, 0.6274, 0.3230

Inverse Universe

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



36.1740, 0.4633, 0.3244



29.7595, 0.5147, 0.3242



49.9074, 0.2293, 0.2535



17.9981, 0.3289, 0.3282



11.1245, 0.6363, 0.3279



1.0868, 0.6274, 0.3230

Previews

White Background



This preview shows how the Yxy color 36.1736, 0.4633, 0.3244 looks on a white background.

Color Contrast Check

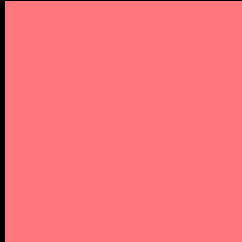
Large Text (above 18pt) WCAG AA × Fail

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 36.1736, 0.4633, 0.3244 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 36.1736, 0.4633, 0.3244

Background



This preview shows how black text looks on a background with the Yxy color 36.1736, 0.4633, 0.3244.



This preview shows how white text looks on a background with the Yxy color 36.1736, 0.4633, 0.3244.

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

36.1736, 0.4633, 0.3244

Protanopia

36.3200, 0.3349, 0.3537

Deuteranopia

36.3153, 0.3858, 0.3791



Tritanopia

36.2515, 0.4597, 0.3214

Trichromacy



Original Color

36.1736, 0.4633, 0.3244

Protanomaly

34.9818, 0.3787, 0.3410

Deuteranomaly

35.4725, 0.4149, 0.3564

Tritanomaly

36.2252, 0.4609, 0.3224

Monochromacy



Original Color

36.1736, 0.4633, 0.3244

Achromatopsia

35.6400, 0.3127, 0.3290

Achromatomaly

34.2980, 0.3630, 0.3265

CSS Examples

Text

The CSS property to change the color of the text to Yxy 36.1736, 0.4633, 0.3244 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, 120, 125)` looks like.

```
.text, #text, p{  
    color:rgb(255, 120, 125)  
}
```

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, 120, 125) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 120, 125) }
```

Border

The CSS property to change the border of an element to Yxy 36.1736, 0.4633, 0.3244 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, 120, 125) }
```

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

```
.border{ border-color:rgb(255, 120, 125) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 120, 125)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 120, 125); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 120, 125);  
box-shadow:4px 4px 4px 4px rgb(255, 120,  
125) }
```


Background

The CSS property to change the background color of an element to Yxy 36.1736, 0.4633, 0.3244 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 120, 125) }
```

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

```
.background{ background-color: rgb(255,  
120, 125) }
```

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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