

Converting Colors

$Yxy(36.4366, 0.4761, 0.3388)$

Have a look what the booklet for
Yxy(36.4366, 0.4761, 0.3388)
contains.

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Color

Yxy(36.3713, 0.4761, 0.3383)

Conversions

Conversions Part 1

Format	Color
Hex	FF7A71
RGB	255, 122, 113
RGB Percent	100%, 48%, 44%
CMY	0.0000, 0.5216, 0.5567
CMYK	0.00, 0.52, 0.56, 0.00
HSL	4°, 100%, 72%
HSV	4°, 56%, 100%
XYZ	51.1864, 36.3713, 19.9542
YIQ	160.7410, 82.1570, 25.3970

Conversions

Conversions Part 2

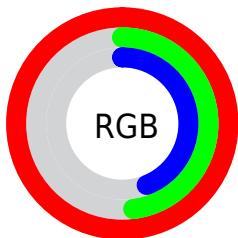
Format	Color
R_{YB}	255, 123, 113
Decimal	16743025
CIE _{Lab}	66.80, 49.89, 29.16
CIE _{LCh}	67, 57.784, 30.308
Yxy	36.3713, 0.4761, 0.3383
Android (android.graphics.Color)	4294933105 (0xFFFF7A71)
YUV	160.7410, -23.5363, 82.6651
Hunter-Lab	60.3086, 45.9603, 22.5988

Details

The Yxy color **36.3713, 0.4761, 0.3383** is a light color, and the websafe version is hex **FF6666**. A complement of this color would be **76.6685, 0.2401, 0.3183**, and the grayscale version is **35.5952, 0.3127, 0.3290**.

A 20% lighter version of the original color is **55.4209, 0.3933, 0.3419**, and **15.8534, 0.5254, 0.3330** is the 20% darker color. If you saturate the color by 10%, you get **30.7111, 0.5225, 0.3389**, and if you desaturate by 10%, it is **43.6318, 0.4335, 0.3370**.

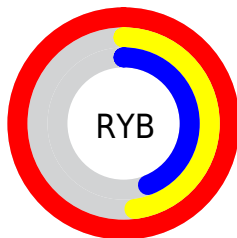
Distribution



Red (100%)

Green (48%)

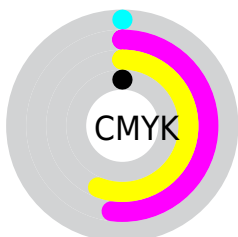
Blue (44%)



Red (100%)

Yellow (48%)

Blue (44%)

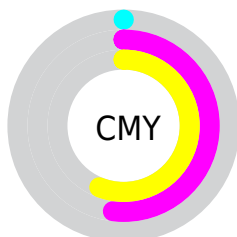


Cyan (0%)

Magenta (52%)

Yellow (56%)

Black (0%)



Cyan (0%)


Magenta (52%)


Yellow (56%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 36.3713, 0.4761, 0.3383 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 36.3713, 0.4761, 0.3383 by changing the saturation by 10% instead.


 36.3713, 0.4761,
0.3383


 36.3713, 0.4761,
0.3383


330.5805, 0.3908,
0.3385

 24.7211, 0.4978,
0.3364


 69.6048, 0.4446,
0.3397


 15.8694, 0.5256,
0.3329


 91.9568, 0.4329,
0.3398

 9.4318, 0.5621,
0.3263


 118.6450, 0.4231,
0.3397

 5.0239, 0.6110,
0.3135

 150.0536, 0.4147,
0.3396

 2.2613, 0.7018,
0.2982

186.5670, 0.4075,
0.3394

 0.7531, 0.7666,
0.2334

228.5697, 0.4012,

 0.0000, 1.0000,

0.3391

0.0000

276.4461, 0.3957,
0.3388

■ 0.0000, 0.0000,
0.0000

■ 36.3713, 0.4761,
0.3383

■ 36.3713, 0.4761,
0.3383

■ 30.7111, 0.5225,
0.3389

■ 43.6318, 0.4335,
0.3370

■ 26.5338, 0.5682,
0.3383

■ 52.6057, 0.3969,
0.3353

■ 23.6993, 0.6064,
0.3364

■ 63.3911, 0.3666,
0.3335

■ 22.0422, 0.6306,
0.3335

■ 76.0796, 0.3420,
0.3316

■ 21.6334, 0.6368,
0.3326

■ 90.7569, 0.3222,
0.3299

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.



36.3713, 0.4173, 0.2799



36.3713, 0.4761, 0.3383



36.3713, 0.4802, 0.4008

Triad

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



36.3713, 0.4761, 0.3383



36.3713, 0.2793, 0.4630



36.3713, 0.1917, 0.2012

Complementary

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



36.3713, 0.4761, 0.3383



76.6685, 0.2401, 0.3183

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.



36.3713, 0.1670, 0.2258



36.3713, 0.4761, 0.3383



36.3713, 0.2107, 0.3766

Square

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



36.3713, 0.4761, 0.3383



36.3713, 0.3615, 0.4912



36.3713, 0.1725, 0.2852



36.3713, 0.2466, 0.2050

Rectangle

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



36.3713, 0.4761, 0.3383



36.3713, 0.4545, 0.4412



36.3713, 0.1725, 0.2852



36.3713, 0.1802, 0.2059

Sweetspot

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



36.3699, 0.4761, 0.3383



74.2846, 0.3450, 0.3319



39.8484, 0.3253, 0.2023



15.3320, 0.3497, 0.3322



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.



36.3699, 0.4761, 0.3383



30.0748, 0.5288, 0.3388



59.7643, 0.4292, 0.4080



18.1709, 0.3293, 0.3306



11.3735, 0.6357, 0.3335



1.1690, 0.6256, 0.3415

Inverse Universe

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



76.6685, 0.2401, 0.3183



73.9438, 0.2312, 0.3159



42.1443, 0.2213, 0.2299



20.2734, 0.2980, 0.3274



36.0848, 0.2192, 0.3091



3.5705, 0.2199, 0.3116

Previews

White Background



This preview shows how the Yxy color 36.3713, 0.4761, 0.3383 looks on a white background.

Color Contrast Check

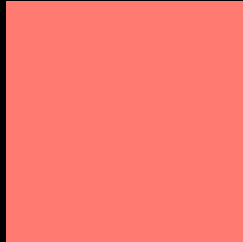
Large Text (above 18pt) WCAG AA × Fail

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 36.3713, 0.4761, 0.3383 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 36.3713, 0.4761, 0.3383

Background



This preview shows how black text looks on a background with the Yxy color 36.3713, 0.4761, 0.3383.



This preview shows how white text looks on a background with the Yxy color 36.3713, 0.4761, 0.3383.

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

36.3713, 0.4761, 0.3383

Protanopia

36.7173, 0.3517, 0.3751

Deuteranopia

36.5742, 0.4017, 0.3938



Tritanopia

36.2779, 0.4585, 0.3204

Trichromacy



Original Color

36.3713, 0.4761, 0.3383

Protanomaly

35.3316, 0.3964, 0.3604

Deuteranomaly

35.8024, 0.4292, 0.3716

Tritanomaly

36.3648, 0.4651, 0.3275

Monochromacy



Original Color

36.3713, 0.4761, 0.3383

Achromatopsia

35.6400, 0.3127, 0.3290

Achromatomaly

34.4832, 0.3669, 0.3332

CSS Examples

Text

The CSS property to change the color of the text to Yxy 36.3713, 0.4761, 0.3383 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, 122, 113)` looks like.

```
.text, #text, p{  
    color:rgb(255, 122, 113)  
}
```

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, 122, 113) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 122, 113) }
```

Border

The CSS property to change the border of an element to Yxy 36.3713, 0.4761, 0.3383 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, 122, 113) }
```

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

```
.border{ border-color:rgb(255, 122, 113) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 122, 113)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 122, 113); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 122, 113);  
box-shadow:4px 4px 4px 4px rgb(255, 122,  
113) }
```


Background

The CSS property to change the background color of an element to Yxy 36.3713, 0.4761, 0.3383 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 122, 113) }
```

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

```
.background{ background-color: rgb(255,  
122, 113) }
```

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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