

Converting Colors

Yxy(34.9660, 0.4884, 0.3406)

Have a look what the booklet for
Yxy(34.9660, 0.4884, 0.3406)
contains.

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Color

Yxy(35.0025, 0.4887, 0.3411)

Conversions

Conversions Part 1

Format	Color
Hex	FF7569
RGB	255, 117, 105
RGB Percent	100%, 46%, 41%
CMY	0.0000, 0.5411, 0.5884
CMYK	0.00, 0.54, 0.59, 0.00
HSL	5°, 100%, 71%
HSV	5°, 59%, 100%
XYZ	50.1487, 35.0025, 17.4653
YIQ	156.8940, 86.1000, 25.5240

Conversions

Conversions Part 2

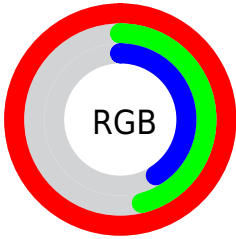
Format	Color
R _Y B	255, 118, 105
Decimal	16741737
CIE Lab	65.75, 51.65, 32.28
CIE LCh	66, 60.911, 32.003
Yxy	35.0025, 0.4887, 0.3411
Android (android.graphics.Color)	4294931817 (0xFFFF7569)
YUV	156.8940, -25.5837, 86.0390
Hunter-Lab	59.1629, 47.7682, 23.9112

Details

The Yxy color **35.0025, 0.4887, 0.3411** is a light color, and the websafe version is hex **FF6666**. A complement of this color would be **74.2850, 0.2367, 0.3145**, and the grayscale version is **33.7555, 0.3127, 0.3290**.

A 20% lighter version of the original color is **53.1653, 0.4036, 0.3461**, and **15.0882, 0.5417, 0.3339** is the 20% darker color. If you saturate the color by 10%, you get **29.7587, 0.5350, 0.3414**, and if you desaturate by 10%, it is **41.7757, 0.4452, 0.3397**.

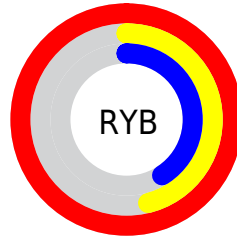
Distribution



Red (100%)

Green (46%)

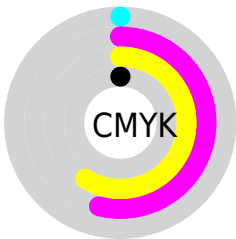
Blue (41%)



Red (100%)

Yellow (46%)

Blue (41%)

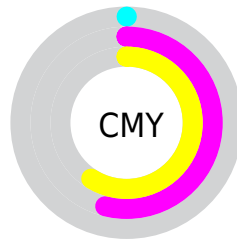


Cyan (0%)

Magenta (54%)

Yellow (59%)

Black (0%)



Cyan (0%)


Magenta (54%)

Yellow (59%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 35.0025, 0.4887, 0.3411 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 35.0025, 0.4887, 0.3411 by changing the saturation by 10% instead.


 35.0025, 0.4887,
0.3411


 35.0025, 0.4887,
0.3411


324.5794, 0.3966,
0.3409

 23.6648, 0.5121,
0.3390


 67.4896, 0.4547,
0.3426


 15.0852, 0.5418,
0.3348


 89.4079, 0.4421,
0.3427

 8.8792, 0.5805,
0.3270


 115.6217, 0.4315,
0.3425

 4.6625, 0.6316,
0.3117

 146.5156, 0.4224,
0.3423

 2.0506, 0.7130,
0.2870

182.4739, 0.4146,
0.3420

 0.6366, 0.7860,
0.2140

223.8811, 0.4078,

 0.0000, 1.0000,

0.3416

0.0000

271.1214, 0.4019,
0.3412

■ 0.0000, 0.0000,
0.0000

■ 35.0025, 0.4887,
0.3411

■ 35.0025, 0.4887,
0.3411

■ 29.7587, 0.5350,
0.3414

■ 41.7757, 0.4452,
0.3397

■ 25.9200, 0.5789,
0.3402

■ 50.1788, 0.4071,
0.3377

■ 23.3518, 0.6135,
0.3374

■ 60.3102, 0.3752,
0.3354

■ 21.8873, 0.6339,
0.3338

■ 72.2593, 0.3491,
0.3331

■ 21.7775, 0.6356,
0.3335

■ 86.1088, 0.3280,
0.3308

99.9995, 0.3127,
0.3290

Harmonies

Analogous

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



35.0025, 0.4290, 0.2799



35.0025, 0.4887, 0.3411



35.0025, 0.4885, 0.4067

Triad

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



35.0025, 0.4887, 0.3411



35.0025, 0.2715, 0.4695



35.0025, 0.1874, 0.1936

Complementary

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



35.0025, 0.4887, 0.3411



74.2850, 0.2367, 0.3145

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.



35.0025, 0.1600, 0.2170



35.0025, 0.4887, 0.3411



35.0025, 0.2010, 0.3736

Square

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



35.0025, 0.4887, 0.3411



35.0025, 0.3581, 0.5027



35.0025, 0.1636, 0.2768



35.0025, 0.2466, 0.1994

Rectangle

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



35.0025, 0.4887, 0.3411



35.0025, 0.4588, 0.4495



35.0025, 0.1636, 0.2768



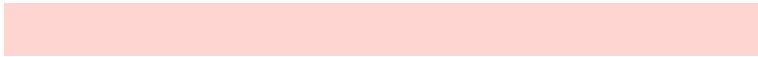
35.0025, 0.1748, 0.1979

Sweetspot

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



35.0044, 0.4887, 0.3411



73.3508, 0.3472, 0.3329



37.9459, 0.3284, 0.1986



14.9047, 0.3541, 0.3335



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.



35.0044, 0.4887, 0.3411



28.8157, 0.5449, 0.3413



59.0965, 0.4356, 0.4139



18.2215, 0.3293, 0.3310



11.4610, 0.6342, 0.3346



1.1928, 0.6219, 0.3444

Inverse Universe

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



74.2850, 0.2367, 0.3145



71.2589, 0.2278, 0.3111



38.9600, 0.2157, 0.2197



20.2168, 0.2980, 0.3270



34.7761, 0.2177, 0.3036



3.4570, 0.2185, 0.3067

Previews

White Background



This preview shows how the Yxy color 35.0025, 0.4887, 0.3411 looks on a white background.

Color Contrast Check

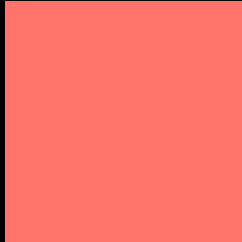
Large Text (above 18pt) WCAG AA × Fail

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 35.0025, 0.4887, 0.3411 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 35.0025, 0.4887, 0.3411

Background



This preview shows how black text looks on a background with the Yxy color 35.0025, 0.4887, 0.3411.



This preview shows how white text looks on a background with the Yxy color 35.0025, 0.4887, 0.3411.

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

35.0025, 0.4887, 0.3411

Protanopia

35.2296, 0.3582, 0.3830

Deuteranopia

35.1527, 0.4091, 0.4006



Tritanopia

34.9515, 0.4687, 0.3215

Trichromacy



Original Color

35.0025, 0.4887, 0.3411

Protanomaly

33.7640, 0.4060, 0.3658

Deuteranomaly

34.2947, 0.4393, 0.3762

Tritanomaly

35.0117, 0.4765, 0.3295

Monochromacy



Original Color

35.0025, 0.4887, 0.3411

Achromatopsia

33.7164, 0.3127, 0.3290

Achromatomaly

32.5184, 0.3730, 0.3346

CSS Examples

Text

The CSS property to change the color of the text to Yxy 35.0025, 0.4887, 0.3411 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, 117, 105)` looks like.

```
.text, #text, p{  
    color:rgb(255, 117, 105)  
}
```

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, 117, 105) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 117, 105) }
```

Border

The CSS property to change the border of an element to Yxy 35.0025, 0.4887, 0.3411 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, 117, 105) }
```

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

```
.border{ border-color:rgb(255, 117, 105) }
```

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

Here you see how a box with a 4 pixel rgb(255, 117, 105) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 117, 105); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 117, 105);  
box-shadow:4px 4px 4px 4px rgb(255, 117,  
105) }
```


Background

The CSS property to change the background color of an element to Yxy 35.0025, 0.4887, 0.3411 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 117, 105) }
```

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

```
.background{ background-color: rgb(255,  
117, 105) }
```

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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