

Converting Colors

$Y_{xy}(35.3238, 0.4973, 0.3532)$

Have a look what the booklet for
Yxy(35.3238, 0.4973, 0.3532)
contains.

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Color

Yxy(35.3300, 0.4965, 0.3533)

Conversions

Conversions Part 1

Format	Color
Hex	FE785F
RGB	254, 120, 95
RGB Percent	100%, 47%, 37%
CMY	0.0040, 0.5293, 0.6276
CMYK	0.00, 0.53, 0.63, 0.00
HSL	9°, 99%, 68%
HSV	9°, 63%, 100%
XYZ	49.6500, 35.3300, 15.0200
YIQ	157.2160, 87.8890, 20.6330

Conversions

Conversions Part 2

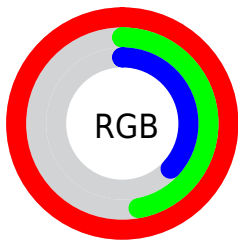
Format	Color
R _Y B	254, 125, 95
Decimal	16676959
CIE Lab	66.00, 49.21, 38.05
CIE LCh	66, 62.207, 37.708
Yxy	35.3300, 0.4965, 0.3533
Android (android.graphics.Color)	4294867039 (0xFFFE785F)
YUV	157.2160, -30.6725, 84.8796
Hunter-Lab	59.4390, 45.0844, 26.6250

Details

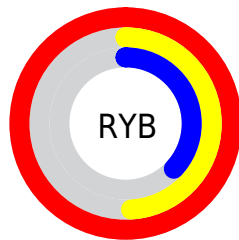
The Yxy color **35.3300, 0.4965, 0.3533** is a light color, and the websafe version is hex **FF6666**. The color can be described as light muted orange. A complement of this color would be **65.5841, 0.2301, 0.2982**, and the grayscale version is **33.9319, 0.3127, 0.3290**.

A 20% lighter version of the original color is **53.9953, 0.4114, 0.3597**, and **15.3163, 0.5503, 0.3480** is the 20% darker color. If you saturate the color by 10%, you get **30.3578, 0.5401, 0.3535**, and if you desaturate by 10%, it is **41.6063, 0.4544, 0.3510**.

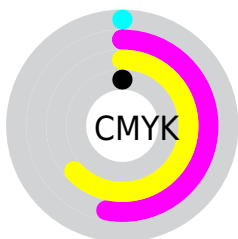
Distribution



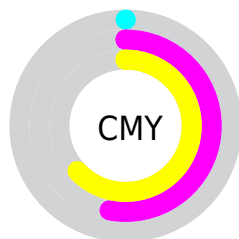
- Red (100%)
- Green (47%)
- Blue (37%)



- Red (100%)
- Yellow (49%)
- Blue (37%)



- Cyan (0%)
- Magenta (53%)
- Yellow (63%)
- Black (0%)





- Cyan (0%)
- Magenta (53%)
- Yellow (63%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 35.3300, 0.4965, 0.3533 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 35.3300, 0.4965, 0.3533 by changing the saturation by 10% instead.


 35.3300, 0.4965,
0.3533


 35.3300, 0.4965,
0.3533


326.0225, 0.4011,
0.3480

 23.9172, 0.5202,
0.3520


 67.9967, 0.4616,
0.3533

 15.2722, 0.5501,
0.3485


 90.0193, 0.4485,
0.3527

 9.0106, 0.5881,
0.3411


 116.3474, 0.4375,
0.3519

 4.7481, 0.6400,
0.3273

 147.3652, 0.4280,
0.3511

 2.1002, 0.7036,
0.2964

183.4573, 0.4199,
0.3503

 0.6648, 0.7738,
0.2262

225.0079, 0.4128,

 0.0000, 1.0000,

0.3495

0.0000

272.4015, 0.4066,
0.3487

0.0000, 0.0000,
0.0000

35.3300, 0.4965,
0.3533

35.3300, 0.4965,
0.3533

30.3578, 0.5401,
0.3535

41.6063, 0.4544,
0.3510

26.5911, 0.5804,
0.3508

49.2646, 0.4166,
0.3473


23.9266, 0.6116,
0.3452

58.3831, 0.3843,
0.3430

22.5873, 0.6271,
0.3403

69.0328, 0.3573,
0.3385

81.2798, 0.3351,
0.3341

 95.1863, 0.3169,
0.3300

99.8081, 0.3121,
0.3290

Harmonies

Analogous

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



35.3300, 0.4467, 0.2901



35.3300, 0.4965, 0.3533



35.3300, 0.4846, 0.4200

Triad

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



35.3300, 0.4965, 0.3533



35.3300, 0.2550, 0.4572



35.3300, 0.1944, 0.1907

Complementary

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



35.3300, 0.4965, 0.3533



65.5841, 0.2301, 0.2982

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.



35.3300, 0.1607, 0.2081



35.3300, 0.4965, 0.3533



35.3300, 0.1891, 0.3536

Square

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



35.3300, 0.4965, 0.3533



35.3300, 0.3416, 0.5058



35.3300, 0.1582, 0.2610



35.3300, 0.2605, 0.2016

Rectangle

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



35.3300, 0.4965, 0.3533



35.3300, 0.4489, 0.4625



35.3300, 0.1582, 0.2610



35.3300, 0.1797, 0.1931

Sweetspot

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



35.3319, 0.4965, 0.3533



73.9297, 0.3488, 0.3369



34.9666, 0.3429, 0.2023



15.0956, 0.3555, 0.3382



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.



35.3319, 0.4965, 0.3533



29.6126, 0.5503, 0.3531



62.4319, 0.4354, 0.4301



18.4491, 0.3291, 0.3328



12.0443, 0.6250, 0.3419



1.2997, 0.6061, 0.3569

Inverse Universe

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



65.5841, 0.2301, 0.2982



62.0780, 0.2206, 0.2911



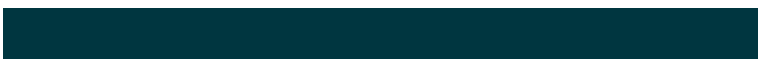
31.5973, 0.2058, 0.1935



19.9651, 0.2980, 0.3252



29.3019, 0.2106, 0.2780



2.9782, 0.2123, 0.2844

Previews

White Background



This preview shows how the Yxy color 35.3300, 0.4965, 0.3533 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 35.3300, 0.4965, 0.3533 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 35.3300, 0.4965, 0.3533

Background



This preview shows how black text looks on a background with the Yxy color 35.3300, 0.4965, 0.3533.



This preview shows how white text looks on a background with the Yxy color 35.3300, 0.4965, 0.3533.

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

35.3300, 0.4965, 0.3533

Protanopia

35.6361, 0.3721, 0.4009

Deuteranopia

35.3741, 0.4213, 0.4115



Tritanopia

35.4378, 0.4663, 0.3225

Trichromacy



Original Color

35.3300, 0.4965, 0.3533

Protanomaly

34.2742, 0.4174, 0.3819

Deuteranomaly

34.7105, 0.4505, 0.3878

Tritanomaly

35.4091, 0.4788, 0.3344

Monochromacy



Original Color

35.3300, 0.4965, 0.3533

Achromatopsia

33.7164, 0.3127, 0.3290

Achromatomaly

32.8742, 0.3756, 0.3428

CSS Examples

Text

The CSS property to change the color of the text to Yxy 35.3300, 0.4965, 0.3533 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(254, 120, 95)` looks like.

```
.text, #text, p{  
    color:rgb(254, 120, 95)  
}
```

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(254, 120, 95) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 120, 95) }
```

Border

The CSS property to change the border of an element to Yxy 35.3300, 0.4965, 0.3533 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(254, 120, 95) }
```

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

```
.border{ border-color:rgb(254, 120, 95) }
```

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

Here you see how a box with a 4 pixel `rgb(254, 120, 95)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 120, 95); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 120, 95);  
box-shadow:4px 4px 4px 4px rgb(254, 120,  
95) }
```


Background

The CSS property to change the background color of an element to Yxy 35.3300, 0.4965, 0.3533 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(254, 120, 95) }
```

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

```
.background{ background-color: rgb(254,  
120, 95) }
```

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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