

Converting Colors

$Yxy(33.3367, 0.4920, 0.3551)$

Have a look what the booklet for
Yxy(33.3367, 0.4920, 0.3551)
contains.

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Color

Yxy(33.3964, 0.4918, 0.3553)

Conversions

Conversions Part 1

Format	Color
Hex	F5775D
RGB	245, 119, 93
RGB Percent	96%, 47%, 36%
CMY	0.0393, 0.5333, 0.6352
CMYK	0.00, 0.51, 0.62, 0.04
HSL	10°, 88%, 66%
HSV	10°, 62%, 96%
XYZ	46.2267, 33.3964, 14.3718
YIQ	153.7100, 83.4420, 18.6260

Conversions

Conversions Part 2

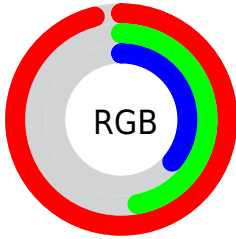
Format	Color
R _Y B	245, 124, 93
Decimal	16086877
CIE Lab	64.48, 46.31, 36.93
CIE LCh	64, 59.230, 38.571
Yxy	33.3964, 0.4918, 0.3553
Android (android.graphics.Color)	4294276957 (0xFFFF5775D)
YUV	153.7100, -29.9300, 80.0613
Hunter-Lab	57.7896, 41.6528, 25.7078

Details

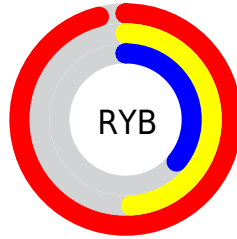
The Yxy color **33.3964, 0.4918, 0.3553** is a light color, and the websafe version is hex **FF6666**. The color can be described as light muted orange. A complement of this color would be **59.5840, 0.2301, 0.2959**, and the grayscale version is **32.2903, 0.3127, 0.3290**.

A 20% lighter version of the original color is **53.5457, 0.4137, 0.3607**, and **14.1610, 0.5453, 0.3515** is the 20% darker color. If you saturate the color by 10%, you get **28.7021, 0.5349, 0.3558**, and if you desaturate by 10%, it is **39.2662, 0.4505, 0.3526**.

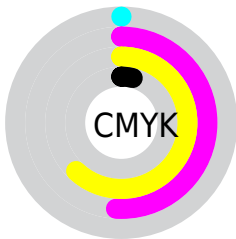
Distribution



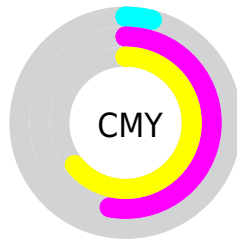
- Red (96%)
- Green (47%)
- Blue (36%)



- Red (96%)
- Yellow (49%)
- Blue (36%)



- Cyan (0%)
- Magenta (51%)
- Yellow (62%)
- Black (4%)




- Cyan (4%)
- Magenta (53%)
- Yellow (64%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 33.3964, 0.4918, 0.3553 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 33.3964, 0.4918, 0.3553 by changing the saturation by 10% instead.


 33.3964, 0.4918,
0.3553


 33.3964, 0.4918,
0.3553


317.4322, 0.3979,
0.3485

 22.4303, 0.5155,
0.3544


 64.9939, 0.4572,
0.3547


 14.1734, 0.5455,
0.3514


 86.3941, 0.4443,
0.3539

 8.2414, 0.5840,
0.3444


 112.0411, 0.4334,
0.3529

 4.2498, 0.6392,
0.3319

 142.3193, 0.4242,
0.3520

 1.8142, 0.7016,
0.2984

177.6131, 0.4162,
0.3511

 0.4960, 0.7889,
0.2111

218.3070, 0.4093,

 0.0000, 1.0000,

0.3502

0.0000

264.7852, 0.4032,
0.3493

0.0000, 0.0000,
0.0000

33.3964, 0.4918,
0.3553

33.3964, 0.4918,
0.3553

28.7021, 0.5349,
0.3558

39.2662, 0.4505,
0.3526

25.0976, 0.5752,
0.3533

46.3786, 0.4136,
0.3485

22.4940, 0.6073,
0.3477


54.8019, 0.3820,
0.3438

21.0588, 0.6249,
0.3420

64.5980, 0.3556,
0.3390

75.8246, 0.3338,
0.3343

 88.5364, 0.3159,
0.3299

 98.1503, 0.3066,
0.3290

Harmonies

Analogous

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



33.3964, 0.4449, 0.2931



33.3964, 0.4918, 0.3553



33.3964, 0.4793, 0.4205

Triad

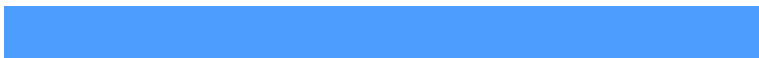
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



33.3964, 0.4918, 0.3553



33.3964, 0.2547, 0.4504



33.3964, 0.1988, 0.1939

Complementary

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



33.3964, 0.4918, 0.3553



59.5840, 0.2301, 0.2959

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.



33.3964, 0.1648, 0.2103



33.3964, 0.4918, 0.3553



33.3964, 0.1911, 0.3502

Square

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



33.3964, 0.4918, 0.3553



33.3964, 0.3390, 0.5000



33.3964, 0.1615, 0.2612



33.3964, 0.2643, 0.2053

Rectangle

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



33.3964, 0.4918, 0.3553



33.3964, 0.4441, 0.4613



33.3964, 0.1615, 0.2612



33.3964, 0.1840, 0.1961

Sweetspot

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



33.3982, 0.4918, 0.3553



74.2601, 0.3487, 0.3375



32.3932, 0.3452, 0.2054



15.1740, 0.3553, 0.3389



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.



33.3982, 0.4918, 0.3553



30.4993, 0.5439, 0.3555



58.9337, 0.4320, 0.4316



16.9404, 0.3289, 0.3331



11.4820, 0.6227, 0.3438



1.1369, 0.6009, 0.3611

Inverse Universe

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



59.5840, 0.2301, 0.2959



61.0200, 0.2204, 0.2884



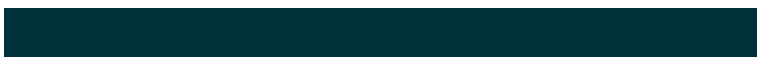
28.7705, 0.2062, 0.1918



18.2472, 0.2980, 0.3249



26.7673, 0.2093, 0.2735



2.4771, 0.2114, 0.2812

Previews

White Background



This preview shows how the Yxy color 33.3964, 0.4918, 0.3553 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 33.3964, 0.4918, 0.3553 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 33.3964, 0.4918, 0.3553

Background



This preview shows how black text looks on a background with the Yxy color 33.3964, 0.4918, 0.3553.



This preview shows how white text looks on a background with the Yxy color 33.3964, 0.4918, 0.3553.

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

33.3964, 0.4918, 0.3553

Protanopia

33.7427, 0.3725, 0.4011

Deuteranopia

33.5772, 0.4191, 0.4125



Tritanopia

33.4657, 0.4613, 0.3212

Trichromacy



Original Color

33.3964, 0.4918, 0.3553

Protanomaly

32.4945, 0.4151, 0.3821

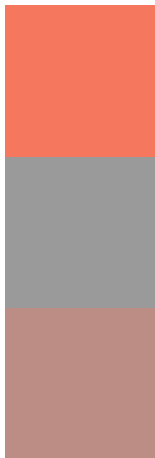
Deuteranomaly

33.0354, 0.4471, 0.3897

Tritanomaly

33.2535, 0.4732, 0.3336

Monochromacy



Original Color

33.3964, 0.4918, 0.3553

Achromatopsia

32.3143, 0.3127, 0.3290

Achromatomaly

31.2805, 0.3735, 0.3418

CSS Examples

Text

The CSS property to change the color of the text to Yxy 33.3964, 0.4918, 0.3553 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(245, 119, 93)` looks like.

```
.text, #text, p{  
    color:rgb(245, 119, 93)  
}
```

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(245, 119, 93) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(245, 119, 93) }
```

Border

The CSS property to change the border of an element to Yxy 33.3964, 0.4918, 0.3553 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(245, 119, 93) }
```

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

```
.border{ border-color:rgb(245, 119, 93) }
```

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

Here you see how a box with a 4 pixel rgb(245, 119, 93) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(245, 119, 93); -webkit-box-  
shadow:4px 4px 4px 4px rgb(245, 119, 93);  
box-shadow:4px 4px 4px 4px rgb(245, 119,  
93) }
```


Background

The CSS property to change the background color of an element to Yxy 33.3964, 0.4918, 0.3553 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(245, 119, 93) }
```

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

```
.background{ background-color: rgb(245,  
119, 93) }
```

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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