

Converting Colors

$Y_{xy}(37.6133, 0.4755, 0.3483)$

Have a look what the booklet for
Yxy(37.6133, 0.4755, 0.3483)
contains.

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Color

Yxy(37.6133, 0.4755, 0.3483)

Conversions

Conversions Part 1

Format	Color
Hex	FE806D
RGB	254, 128, 109
RGB Percent	100%, 50%, 43%
CMY	0.0040, 0.4980, 0.5725
CMYK	0.00, 0.50, 0.57, 0.00
HSL	8°, 99%, 71%
HSV	8°, 57%, 100%
XYZ	51.3498, 37.6133, 19.0280
YIQ	163.5080, 81.1950, 20.8030

Conversions

Conversions Part 2

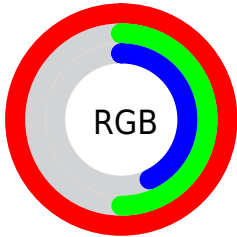
Format	Color
RYB	254, 131, 109
Decimal	16679021
CIELab	67.73, 46.30, 32.55
CIElCh	68, 56.600, 35.109
Yxy	37.6133, 0.4755, 0.3483
Android (android.graphics.Color)	4294869101 (0xFFFE806D)
YUV	163.5080, -26.8724, 79.3615
Hunter-Lab	61.3297, 42.1265, 24.5356

Details

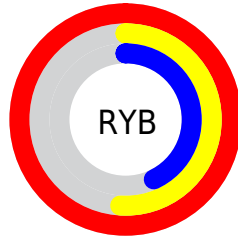
The Yxy color **37.6133, 0.4755, 0.3483** is a light color, and the websafe version is hex **FF6666**. A complement of this color would be **69.8204, 0.2363, 0.3061**, and the grayscale version is **36.9827, 0.3127, 0.3290**.

A 20% lighter version of the original color is **57.7002, 0.3945, 0.3524**, and **16.5755, 0.5232, 0.3456** is the 20% darker color. If you saturate the color by 10%, you get **31.9991, 0.5198, 0.3494**, and if you desaturate by 10%, it is **44.6416, 0.4346, 0.3457**.

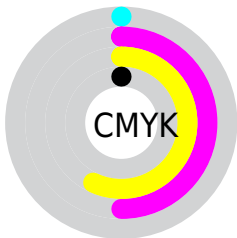
Distribution



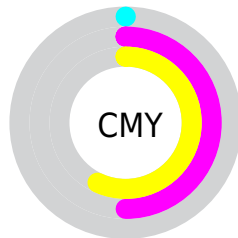
- Red (100%)
- Green (50%)
- Blue (43%)



- Red (100%)
- Yellow (51%)
- Blue (43%)



- Cyan (0%)
- Magenta (50%)
- Yellow (57%)
- Black (0%)





- Cyan (0%)
- Magenta (50%)
- Yellow (57%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 37.6133, 0.4755, 0.3483 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 37.6133, 0.4755, 0.3483 by changing the saturation by 10% instead.

 37.6133, 0.4755,
0.3483


 37.6133, 0.4755,
0.3483


335.9582, 0.3912,
0.3438

 25.6827, 0.4967,
0.3475


 71.5150, 0.4446,
0.3480

 16.5864, 0.5237,
0.3453


 94.2550, 0.4330,
0.3475

 9.9401, 0.5587,
0.3402


 121.3668, 0.4233,
0.3469

 5.3592, 0.6049,
0.3293

 153.2349, 0.4149,
0.3462

 2.4595, 0.6854,
0.3146

190.2437, 0.4078,
0.3456

 0.8563, 0.7445,
0.2555

232.7776, 0.4015,

 0.0000, 1.0000,

0.3450

0.0000

281.2210, 0.3960,
0.3444

0.0000, 0.0000,
0.0000

37.6133, 0.4755,
0.3483

37.6133, 0.4755,
0.3483

31.9991, 0.5198,
0.3494

44.6416, 0.4346,
0.3457

27.6971, 0.5634,
0.3483

53.1651, 0.3991,
0.3423

24.6009, 0.6004,
0.3447

63.2657, 0.3692,
0.3386

22.5840, 0.6253,
0.3390

75.0177, 0.3447,
0.3349

22.1712, 0.6306,
0.3375

88.4905, 0.3246,
0.3313

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.



37.6133, 0.4261, 0.2900



37.6133, 0.4755, 0.3483



37.6133, 0.4714, 0.4094

Triad

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



37.6133, 0.4755, 0.3483



37.6133, 0.2685, 0.4477



37.6133, 0.2015, 0.2033

Complementary

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



37.6133, 0.4755, 0.3483



69.8204, 0.2363, 0.3061

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.



37.6133, 0.1726, 0.2229



37.6133, 0.4755, 0.3483



37.6133, 0.2056, 0.3600

Square

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



37.6133, 0.4755, 0.3483



37.6133, 0.3480, 0.4861



37.6133, 0.1733, 0.2752



37.6133, 0.2598, 0.2110

Rectangle

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



37.6133, 0.4755, 0.3483



37.6133, 0.4425, 0.4473



37.6133, 0.1733, 0.2752



37.6133, 0.1886, 0.2066

Sweetspot

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



37.6153, 0.4755, 0.3483



75.7916, 0.3445, 0.3349



38.1292, 0.3349, 0.2072



15.6826, 0.3490, 0.3356



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.



37.6153, 0.4755, 0.3483



31.8279, 0.5240, 0.3494



62.7518, 0.4264, 0.4187



18.3705, 0.3291, 0.3322



11.8065, 0.6287, 0.3390



1.2629, 0.6114, 0.3528

Inverse Universe

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



69.8204, 0.2363, 0.3061



66.8680, 0.2270, 0.3010



37.1710, 0.2163, 0.2140



20.0514, 0.2980, 0.3258



31.1154, 0.2130, 0.2869



3.1376, 0.2145, 0.2922

Previews

White Background



This preview shows how the Yxy color 37.6133, 0.4755, 0.3483 looks on a white background.

Color Contrast Check

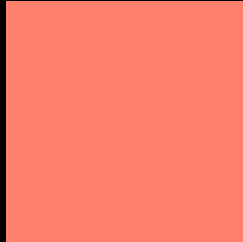
Large Text (above 18pt) WCAG AA × Fail

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 37.6133, 0.4755, 0.3483 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 37.6133, 0.4755, 0.3483

Background



This preview shows how black text looks on a background with the Yxy color 37.6133, 0.4755, 0.3483.



This preview shows how white text looks on a background with the Yxy color 37.6133, 0.4755, 0.3483.

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

37.6133, 0.4755, 0.3483

Protanopia

37.7380, 0.3606, 0.3857

Deuteranopia

37.7326, 0.4073, 0.3988



Tritanopia

37.6485, 0.4498, 0.3203

Trichromacy



Original Color

37.6133, 0.4755, 0.3483

Protanomaly

36.7675, 0.4015, 0.3715

Deuteranomaly

37.1237, 0.4332, 0.3779

Tritanomaly

37.6624, 0.4598, 0.3304

Monochromacy



Original Color

37.6133, 0.4755, 0.3483

Achromatopsia

37.1238, 0.3127, 0.3290

Achromatomaly

36.0172, 0.3677, 0.3384

CSS Examples

Text

The CSS property to change the color of the text to Yxy 37.6133, 0.4755, 0.3483 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, 128, 109)` looks like.

```
.text, #text, p{  
    color:rgb(254, 128, 109)  
}
```

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, 128, 109) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 128, 109) }
```

Border

The CSS property to change the border of an element to Yxy 37.6133, 0.4755, 0.3483 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, 128, 109) }
```

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

```
.border{ border-color:rgb(254, 128, 109) }
```

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

Here you see how a box with a 4 pixel `rgb(254, 128, 109)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 128, 109); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 128, 109);  
box-shadow:4px 4px 4px 4px rgb(254, 128,  
109) }
```


Background

The CSS property to change the background color of an element to Yxy 37.6133, 0.4755, 0.3483 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(254, 128, 109) }
```

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

```
.background{ background-color: rgb(254,  
128, 109) }
```

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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