

Converting Colors

Yxy(38.7488, 0.4707, 0.3485)

Have a look what the booklet for
Yxy(38.7488, 0.4707, 0.3485)
contains.

Yxy(38.6625, 0.4711, 0.3484)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(38.6625, 0.4711, 0.3484)

Conversions

Conversions Part 1

Format	Color
Hex	FF8370
RGB	255, 131, 112
RGB Percent	100%, 51%, 44%
CMY	0.0000, 0.4862, 0.5609
CMYK	0.00, 0.49, 0.56, 0.00
HSL	8°, 100%, 72%
HSV	8°, 56%, 100%
XYZ	52.2787, 38.6625, 20.0304
YIQ	165.9100, 80.0030, 20.3790

Conversions

Conversions Part 2

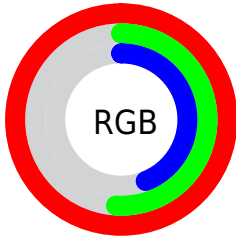
Format	Color
R_{YB}	255, 134, 112
Decimal	16745328
CIE Lab	68.51, 45.42, 31.95
CIE LCh	69, 55.532, 35.128
Yxy	38.6625, 0.4711, 0.3484
Android (android.graphics.Color)	4294935408 (0xFFFF8370)
YUV	165.9100, -26.5776, 78.1319
Hunter-Lab	62.1792, 41.2648, 24.4258

Details

The Yxy color **38.6625, 0.4711, 0.3484** is a light color, and the websafe version is hex **FF6666**. A complement of this color would be **70.6321, 0.2372, 0.3062**, and the grayscale version is **38.1906, 0.3127, 0.3290**.

A 20% lighter version of the original color is **59.0581, 0.3907, 0.3523**, and **17.1564, 0.5169, 0.3458** is the 20% darker color. If you saturate the color by 10%, you get **32.8562, 0.5151, 0.3497**, and if you desaturate by 10%, it is **45.9004, 0.4307, 0.3457**.

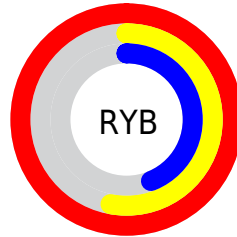
Distribution



Red (100%)

Green (51%)

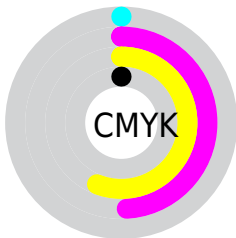
Blue (44%)



Red (100%)

Yellow (53%)

Blue (44%)

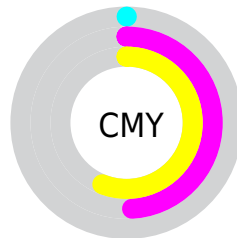


Cyan (0%)

Magenta (49%)

Yellow (56%)

Black (0%)



Cyan (0%)


Magenta (49%)

Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 38.6625, 0.4711, 0.3484 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 38.6625, 0.4711, 0.3484 by changing the saturation by 10% instead.


 38.6625, 0.4711,
0.3484


 38.6625, 0.4711,
0.3484


340.4534, 0.3893,
0.3436


 26.4973, 0.4916,
0.3478


 73.1224, 0.4412,
0.3479


 17.1960, 0.5177,
0.3459


 96.1860, 0.4299,
0.3474

 10.3744, 0.5516,
0.3415


 123.6510, 0.4205,
0.3467

 5.6479, 0.5965,
0.3317

 155.9020, 0.4124,
0.3461

 2.6322, 0.6789,
0.3211

193.3234, 0.4055,
0.3454

 0.9429, 0.7354,
0.2646

236.2995, 0.3994,

 0.0000, 1.0000,

0.3448

0.0000


285.2147, 0.3941,
0.3441


 0.0000, 0.0000,
0.0000

 38.6625, 0.4711,
0.3484


 38.6625, 0.4711,
0.3484


 32.8562, 0.5151,
0.3497


 45.9004, 0.4307,
0.3457

 28.3800, 0.5590,
0.3489

 54.6502, 0.3958,
0.3421


 25.1289, 0.5969,
0.3455

 64.9935, 0.3665,
0.3384

 22.9789, 0.6232,
0.3398

 77.0042, 0.3425,
0.3346

 22.3994, 0.6303,
0.3377

 90.7517, 0.3228,
0.3310

99.9990, 0.3127,
0.3290

Harmonies

Analogous

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



38.6625, 0.4230, 0.2912



38.6625, 0.4711, 0.3484



38.6625, 0.4674, 0.4081

Triad

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



38.6625, 0.4711, 0.3484



38.6625, 0.2699, 0.4439



38.6625, 0.2041, 0.2062

Complementary

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



38.6625, 0.4711, 0.3484



70.6321, 0.2372, 0.3062

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.



38.6625, 0.1758, 0.2256



38.6625, 0.4711, 0.3484



38.6625, 0.2083, 0.3592

Square

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



38.6625, 0.4711, 0.3484



38.6625, 0.3475, 0.4815



38.6625, 0.1765, 0.2769



38.6625, 0.2613, 0.2136

Rectangle

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



38.6625, 0.4711, 0.3484



38.6625, 0.4395, 0.4449



38.6625, 0.1765, 0.2769



38.6625, 0.1915, 0.2095

Sweetspot

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



38.6645, 0.4711, 0.3484



75.8379, 0.3445, 0.3349



39.0343, 0.3344, 0.2088



15.6933, 0.3490, 0.3357



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.



38.6645, 0.4711, 0.3484



32.3943, 0.5192, 0.3497



63.8169, 0.4242, 0.4174



18.3766, 0.3291, 0.3322



11.8236, 0.6285, 0.3392



1.2658, 0.6110, 0.3531

Inverse Universe

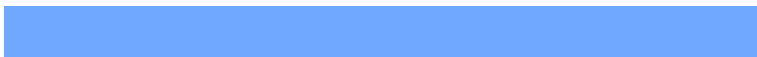
The Inverse Universe completely reimagines the original color for something new.



70.6321, 0.2372, 0.3062



66.9730, 0.2277, 0.3010



38.2282, 0.2180, 0.2164



20.0447, 0.2980, 0.3258



30.9716, 0.2129, 0.2862



3.1250, 0.2143, 0.2916

Previews

White Background



This preview shows how the Yxy color 38.6625, 0.4711, 0.3484 looks on a white background.

Color Contrast Check

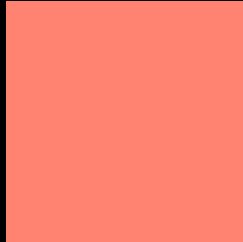
Large Text (above 18pt) WCAG AA × Fail

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 38.6625, 0.4711, 0.3484 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 38.6625, 0.4711, 0.3484

Background



This preview shows how black text looks on a background with the Yxy color 38.6625, 0.4711, 0.3484.



This preview shows how white text looks on a background with the Yxy color 38.6625, 0.4711, 0.3484.

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

38.6625, 0.4711, 0.3484

Protanopia

38.7534, 0.3601, 0.3851

Deuteranopia

38.7597, 0.4054, 0.3969



Tritanopia

38.7667, 0.4441, 0.3212

Trichromacy



Original Color

38.6625, 0.4711, 0.3484

Protanomaly

37.7817, 0.3995, 0.3699

Deuteranomaly

37.9712, 0.4298, 0.3767

Tritanomaly

38.7838, 0.4540, 0.3315

Monochromacy



Original Color

38.6625, 0.4711, 0.3484

Achromatopsia

38.1326, 0.3127, 0.3290

Achromatomaly

36.8636, 0.3660, 0.3384

CSS Examples

Text

The CSS property to change the color of the text to Yxy 38.6625, 0.4711, 0.3484 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, 131, 112)` looks like.

```
.text, #text, p{  
    color:rgb(255, 131, 112)  
}
```

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, 131, 112) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 131, 112) }
```

Border

The CSS property to change the border of an element to Yxy 38.6625, 0.4711, 0.3484 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, 131, 112) }
```

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

```
.border{ border-color:rgb(255, 131, 112) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 131, 112)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 131, 112); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 131, 112);  
box-shadow:4px 4px 4px 4px rgb(255, 131,  
112) }
```


Background

The CSS property to change the background color of an element to Yxy 38.6625, 0.4711, 0.3484 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 131, 112) }
```

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

```
.background{ background-color: rgb(255,  
131, 112) }
```

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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