

Converting Colors

Yxy(34.7385, 0.4947, 0.3449)

Have a look what the booklet for
Yxy(34.7385, 0.4947, 0.3449)
contains.

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Color

Yxy(34.6709, 0.4950, 0.3447)

Conversions

Conversions Part 1

Format	Color
Hex	FF7464
RGB	255, 116, 100
RGB Percent	100%, 45%, 39%
CMY	0.0000, 0.5451, 0.6079
CMYK	0.00, 0.55, 0.61, 0.00
HSL	6°, 100%, 70%
HSV	6°, 61%, 100%
XYZ	49.7885, 34.6709, 16.1234
YIQ	155.7370, 87.9800, 24.4920

Conversions

Conversions Part 2

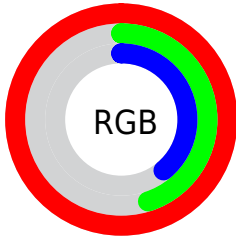
Format	Color
R _Y B	255, 118, 100
Decimal	16741476
CIE _{Lab}	65.49, 51.80, 34.69
CIE _{LCh}	65, 62.344, 33.811
Yxy	34.6709, 0.4950, 0.3447
Android (android.graphics.Color)	4294931556 (0xFFFF7464)
YUV	155.7370, -27.4783, 87.0537
Hunter-Lab	58.8820, 47.8897, 24.9823

Details

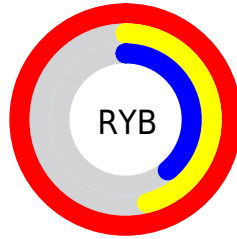
The Yxy color **34.6709, 0.4950, 0.3447** is a light color, and the websafe version is hex **FF6666**. A complement of this color would be **71.6601, 0.2341, 0.3097**, and the grayscale version is **33.2168, 0.3127, 0.3290**.

A 20% lighter version of the original color is **52.6202, 0.4087, 0.3503**, and **14.8010, 0.5490, 0.3379** is the 20% darker color. If you saturate the color by 10%, you get **29.6132, 0.5406, 0.3449**, and if you desaturate by 10%, it is **41.1802, 0.4515, 0.3431**.

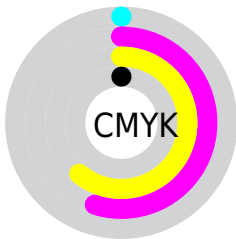
Distribution



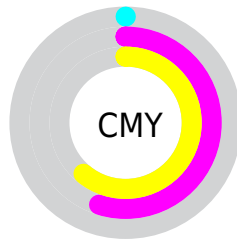
- Red (100%)
- Green (45%)
- Blue (39%)



- Red (100%)
- Yellow (46%)
- Blue (39%)



- Cyan (0%)
- Magenta (55%)
- Yellow (61%)
- Black (0%)



- Cyan (0%)
- Magenta (55%)
- Yellow (61%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 34.6709, 0.4950, 0.3447 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 34.6709, 0.4950, 0.3447 by changing the saturation by 10% instead.

 34.6709, 0.4950,
0.3447

 34.6709, 0.4950,
0.3447


323.1133, 0.3997,
0.3432


 23.4095, 0.5190,
0.3426


 66.9756, 0.4600,
0.3459


 14.8962, 0.5494,
0.3384


 88.7877, 0.4469,
0.3458

 8.7465, 0.5887,
0.3301


 114.8855, 0.4359,
0.3456

 4.5762, 0.6411,
0.3145

 145.6533, 0.4265,
0.3452

 2.0008, 0.7148,
0.2852

181.4756, 0.4184,
0.3447

 0.6080, 0.7903,
0.2097

222.7368, 0.4114,


 0.0000, 1.0000,


0.3442


0.0000


269.8212, 0.4052,
0.3437


 0.0000, 0.0000,
0.0000


 34.6709, 0.4950,
0.3447


 34.6709, 0.4950,
0.3447


 29.6132, 0.5406,
0.3449


 41.1802, 0.4515,
0.3431

 25.8953, 0.5829,
0.3431

 49.2414, 0.4129,
0.3406

 23.3889, 0.6155,
0.3393

 58.9458, 0.3804,
0.3377

 22.0134, 0.6336,
0.3351

 70.3773, 0.3535,
0.3347

 83.6144, 0.3317,
0.3319

98.7306, 0.3140,
0.3292

100.0000, 0.3127,
0.3290

Harmonies

Analogous

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



34.6709, 0.4372, 0.2821



34.6709, 0.4950, 0.3447



34.6709, 0.4906, 0.4117

Triad

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



34.6709, 0.4950, 0.3447



34.6709, 0.2650, 0.4692



34.6709, 0.1874, 0.1903

Complementary

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



34.6709, 0.4950, 0.3447



71.6601, 0.2341, 0.3097

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.



34.6709, 0.1577, 0.2119



34.6709, 0.4950, 0.3447



34.6709, 0.1949, 0.3680

Square

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



34.6709, 0.4950, 0.3447



34.6709, 0.3532, 0.5077



34.6709, 0.1592, 0.2703



34.6709, 0.2495, 0.1979

Rectangle

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



34.6709, 0.4950, 0.3447



34.6709, 0.4581, 0.4553



34.6709, 0.1592, 0.2703



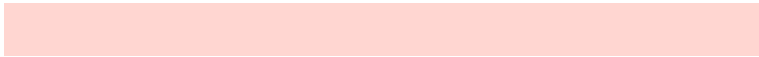
34.6709, 0.1740, 0.1940

Sweetspot

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



34.6708, 0.4950, 0.3447



73.8801, 0.3470, 0.3339



36.6352, 0.3340, 0.1991



15.0309, 0.3538, 0.3348



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.



34.6708, 0.4950, 0.3447



28.6786, 0.5505, 0.3447



60.3193, 0.4368, 0.4208



18.2887, 0.3292, 0.3315



11.6002, 0.6320, 0.3364



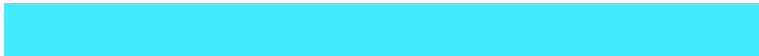
1.2245, 0.6170, 0.3483

Inverse Universe

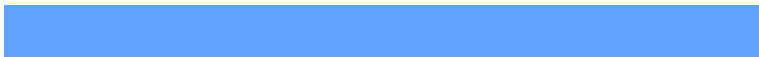
The Inverse Universe completely reimagines the original color for something new.



71.6601, 0.2341, 0.3097



68.3445, 0.2252, 0.3052



35.7690, 0.2111, 0.2084



20.1420, 0.2980, 0.3265



33.0893, 0.2156, 0.2962



3.3102, 0.2167, 0.3002

Previews

White Background



This preview shows how the Yxy color 34.6709, 0.4950, 0.3447 looks on a white background.

Color Contrast Check

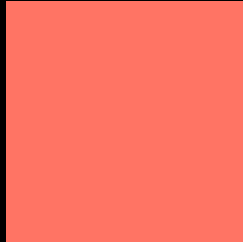
Large Text (above 18pt) WCAG AA × Fail

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 34.6709, 0.4950, 0.3447 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 34.6709, 0.4950, 0.3447

Background



This preview shows how black text looks on a background with the Yxy color 34.6709, 0.4950, 0.3447.



This preview shows how white text looks on a background with the Yxy color 34.6709, 0.4950, 0.3447.

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

34.6709, 0.4950, 0.3447

Protanopia

34.7386, 0.3642, 0.3905

Deuteranopia

34.7161, 0.4153, 0.4067



Tritanopia

34.6751, 0.4717, 0.3226

Trichromacy



Original Color

34.6709, 0.4950, 0.3447

Protanomaly

33.3492, 0.4120, 0.3709

Deuteranomaly

33.9087, 0.4452, 0.3806

Tritanomaly

34.7137, 0.4808, 0.3314

Monochromacy



Original Color

34.6709, 0.4950, 0.3447

Achromatopsia

33.2452, 0.3127, 0.3290

Achromatomaly

32.0338, 0.3745, 0.3360

CSS Examples

Text

The CSS property to change the color of the text to Yxy 34.6709, 0.4950, 0.3447 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, 116, 100)` looks like.

```
.text, #text, p{  
    color:rgb(255, 116, 100)  
}
```

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, 116, 100) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 116, 100) }
```

Border

The CSS property to change the border of an element to Yxy 34.6709, 0.4950, 0.3447 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, 116, 100) }
```

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

```
.border{ border-color:rgb(255, 116, 100) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 116, 100)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 116, 100); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 116, 100);  
box-shadow:4px 4px 4px 4px rgb(255, 116,  
100) }
```


Background

The CSS property to change the background color of an element to Yxy 34.6709, 0.4950, 0.3447 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 116, 100) }
```

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

```
.background{ background-color: rgb(255,  
116, 100) }
```

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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