

Converting Colors

$Y_{xy}(30.3508, 0.4769, 0.3174)$

Have a look what the booklet for
Yxy(30.3508, 0.4769, 0.3174)
contains.

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Color

Yxy(30.3508, 0.4769, 0.3174)

Conversions

Conversions Part 1

Format	Color
Hex	F56773
RGB	245, 103, 115
RGB Percent	96%, 40%, 45%
CMY	0.0392, 0.5961, 0.5491
CMYK	0.00, 0.58, 0.53, 0.04
HSL	355°, 88%, 68%
HSV	355°, 58%, 96%
XYZ	45.6027, 30.3508, 19.6697
YIQ	146.8260, 80.7800, 33.8360

Conversions

Conversions Part 2

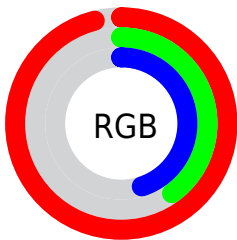
Format	Color
R _Y B	245, 103, 115
Decimal	16082803
CIE Lab	61.96, 55.41, 21.35
CIE LCh	62, 59.383, 21.068
Yxy	30.3508, 0.4769, 0.3174
Android (android.graphics.Color)	4294272883 (0xFFFF56773)
YUV	146.8260, -15.6902, 86.0986
Hunter-Lab	55.0916, 51.3453, 17.3954

Details

The Yxy color **30.3508, 0.4769, 0.3174** is a light color, and the websafe version is hex **FF6666**. A complement of this color would be **74.0787, 0.2456, 0.3435**, and the grayscale version is **29.1433, 0.3127, 0.3290**.

A 20% lighter version of the original color is **48.8463, 0.3981, 0.3208**, and **12.4265, 0.5311, 0.3067** is the 20% darker color. If you saturate the color by 10%, you get **25.7167, 0.5227, 0.3172**, and if you desaturate by 10%, it is **36.5412, 0.4349, 0.3187**.

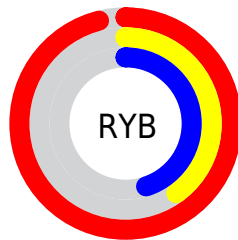
Distribution



Red (96%)

Green (40%)

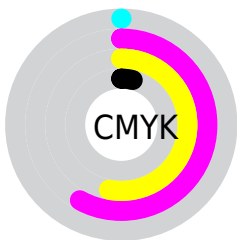
Blue (45%)



Red (96%)

Yellow (40%)

Blue (45%)

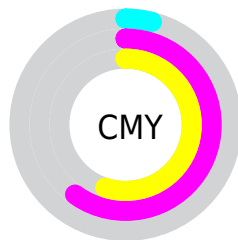


Cyan (0%)

Magenta (58%)

Yellow (53%)

Black (4%)



Cyan (4%)


Magenta (60%)

Yellow (55%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 30.3508, 0.4769, 0.3174 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 30.3508, 0.4769, 0.3174 by changing the saturation by 10% instead.

 30.3508, 0.4769,
0.3174


 30.3508, 0.4769,
0.3174


303.5362, 0.3887,
0.3277

 20.1050, 0.5004,
0.3131


 60.2165, 0.4436,
0.3224


 12.4714, 0.5313,
0.3065


 80.6052, 0.4314,
0.3239

 7.0656, 0.5730,
0.2956


 105.1437, 0.4213,
0.3250

 3.5031, 0.6311,
0.2767

 134.2163, 0.4127,
0.3258

 1.3997, 0.7473,
0.2527

168.2075, 0.4054,
0.3265

 0.2165, 0.8916,
0.1084

207.5016, 0.3991,

 0.0000, 1.0000,

0.3270

0.0000

252.4830, 0.3935,
0.3274

■ 0.0000, 0.0000,
0.0000

■ 30.3508, 0.4769,
0.3174

■ 30.3508, 0.4769,
0.3174

■ 25.7167, 0.5227,
0.3172

■ 36.5412, 0.4349,
0.3187

■ 22.4961, 0.5676,
0.3185

■ 44.4047, 0.3988,
0.3207

■ 20.5283, 0.6051,
0.3215

■ 54.0523, 0.3689,
0.3229

■ 19.5939, 0.6294,
0.3255

■ 65.5842, 0.3447,
0.3252

■ 19.4671, 0.6328,
0.3260

■ 79.0932, 0.3254,
0.3274

94.6661, 0.3098,
0.3294

98.1541, 0.3066,
0.3290

Harmonies

Analogous

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



30.3508, 0.3981, 0.2585



30.3508, 0.4769, 0.3174



30.3508, 0.4992, 0.3829

Triad

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



30.3508, 0.4769, 0.3174



30.3508, 0.3019, 0.4950



30.3508, 0.1714, 0.1960

Complementary

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



30.3508, 0.4769, 0.3174



74.0787, 0.2456, 0.3435

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.



30.3508, 0.1549, 0.2321



30.3508, 0.4769, 0.3174



30.3508, 0.2214, 0.4142

Square

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



30.3508, 0.4769, 0.3174



30.3508, 0.3900, 0.4996



30.3508, 0.1704, 0.3079



30.3508, 0.2194, 0.1919

Rectangle

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



30.3508, 0.4769, 0.3174



30.3508, 0.4805, 0.4277



30.3508, 0.1704, 0.3079



30.3508, 0.1625, 0.2041

Sweetspot

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



30.3525, 0.4769, 0.3174



73.0943, 0.3428, 0.3254



33.2511, 0.3056, 0.1874



15.0558, 0.3471, 0.3249



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.



30.3525, 0.4769, 0.3174



27.2631, 0.5328, 0.3173



45.4674, 0.4502, 0.3888



16.5052, 0.3280, 0.3270



10.4944, 0.6308, 0.3249



0.9300, 0.6102, 0.3135

Inverse Universe

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



30.3525, 0.4769, 0.3174



27.2631, 0.5328, 0.3173



45.5314, 0.2244, 0.2548



16.5052, 0.3280, 0.3270



10.4944, 0.6308, 0.3249



0.9300, 0.6102, 0.3135

Previews

White Background



This preview shows how the Yxy color 30.3508, 0.4769, 0.3174 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 30.3508, 0.4769, 0.3174 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 30.3508, 0.4769, 0.3174

Background



This preview shows how black text looks on a background with the Yxy color 30.3508, 0.4769, 0.3174.



This preview shows how white text looks on a background with the Yxy color 30.3508, 0.4769, 0.3174.

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

30.3508, 0.4769, 0.3174

Protanopia

30.6868, 0.3315, 0.3492

Deuteranopia

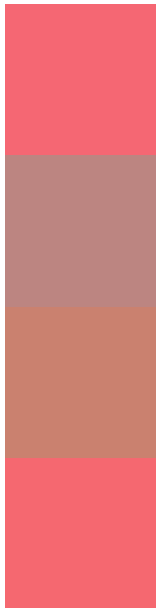
30.4942, 0.3881, 0.3813



Tritanopia

30.4608, 0.4814, 0.3225

Trichromacy



Original Color

30.3508, 0.4769, 0.3174

Protanomaly

29.0514, 0.3813, 0.3348

Deuteranomaly

29.4048, 0.4208, 0.3528

Tritanomaly

30.4830, 0.4801, 0.3215

Monochromacy



Original Color

30.3508, 0.4769, 0.3174

Achromatopsia

29.1771, 0.3127, 0.3290

Achromatomaly

28.0491, 0.3692, 0.3235

CSS Examples

Text

The CSS property to change the color of the text to Yxy 30.3508, 0.4769, 0.3174 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, 103, 115)` looks like.

```
.text, #text, p{  
    color:rgb(245, 103, 115)  
}
```

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, 103, 115) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(245, 103, 115) }
```

Border

The CSS property to change the border of an element to Yxy 30.3508, 0.4769, 0.3174 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, 103, 115) }
```

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

```
.border{ border-color:rgb(245, 103, 115) }
```

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

Here you see how a box with a 4 pixel `rgb(245, 103, 115)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(245, 103, 115); -webkit-box-  
shadow:4px 4px 4px 4px rgb(245, 103, 115);  
box-shadow:4px 4px 4px 4px rgb(245, 103,  
115) }
```


Background

The CSS property to change the background color of an element to Yxy 30.3508, 0.4769, 0.3174 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(245, 103, 115) }
```

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

```
.background{ background-color: rgb(245,  
103, 115) }
```

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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