

Converting Colors

$Y_{xy}(30.0539, 0.4744, 0.3086)$

Have a look what the booklet for
Yxy(30.0539, 0.4744, 0.3086)
contains.

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Color

Yxy(30.0539, 0.4744, 0.3086)

Conversions

Conversions Part 1

Format	Color
Hex	F76378
RGB	247, 99, 120
RGB Percent	97%, 39%, 47%
CMY	0.0315, 0.6116, 0.5294
CMYK	0.00, 0.60, 0.51, 0.03
HSL	352°, 90%, 68%
HSV	352°, 60%, 97%
XYZ	46.2008, 30.0539, 21.1332
YIQ	145.6460, 81.4670, 37.9070

Conversions

Conversions Part 2

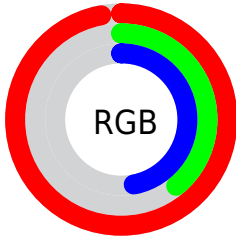
Format	Color
R_{YB}	247, 99, 120
Decimal	16212856
CIE _{Lab}	61.70, 58.22, 18.17
CIE _{LCh}	62, 60.986, 17.333
Yxy	30.0539, 0.4744, 0.3086
Android (android.graphics.Color)	4294402936 (0xFFFF76378)
YUV	145.6460, -12.6435, 88.8875
Hunter-Lab	54.8214, 54.4935, 15.5192

Details

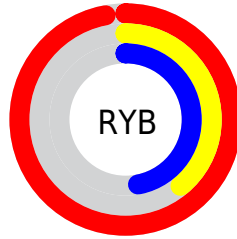
The Yxy color **30.0539, 0.4744, 0.3086** is a light color, and the websafe version is hex **FF6666**. A complement of this color would be **74.6478, 0.2478, 0.3548**, and the grayscale version is **28.6252, 0.3127, 0.3290**.

A 20% lighter version of the original color is **47.6812, 0.3945, 0.3114**, and **12.2998, 0.5275, 0.2958** is the 20% darker color. If you saturate the color by 10%, you get **25.6088, 0.5182, 0.3082**, and if you desaturate by 10%, it is **36.0467, 0.4341, 0.3108**.

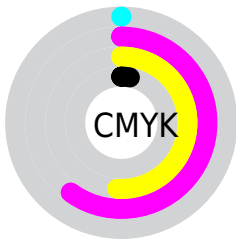
Distribution



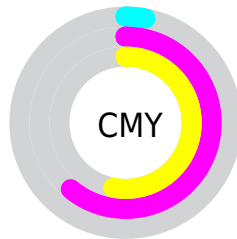
- Red (97%)
- Green (39%)
- Blue (47%)



- Red (97%)
- Yellow (39%)
- Blue (47%)



- Cyan (0%)
- Magenta (60%)
- Yellow (51%)
- Black (3%)





- Cyan (3%)
- Magenta (61%)
- Yellow (53%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 30.0539, 0.4744, 0.3086 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 30.0539, 0.4744, 0.3086 by changing the saturation by 10% instead.


 30.0539, 0.4744,
0.3086


 30.0539, 0.4744,
0.3086


302.1556, 0.3874,
0.3231

 19.8795, 0.4977,
0.3034


 59.7474, 0.4415,
0.3150


 12.3075, 0.5284,
0.2958

 80.0353, 0.4295,
0.3170

 6.9534, 0.5700,
0.2839


 104.4632, 0.4195,
0.3186

 3.4330, 0.6286,
0.2639

 133.4154, 0.4111,
0.3199

 1.3618, 0.7394,
0.2363

167.2763, 0.4039,
0.3209

 0.1883, 0.9077,
0.0923

206.4304, 0.3976,

 0.0000, 1.0000,

0.3218

0.0000

251.2621, 0.3922,
0.3225

■ 0.0000, 0.0000,
0.0000

■ 30.0539, 0.4744,
0.3086

■ 30.0539, 0.4744,
0.3086

■ 25.6088, 0.5182,
0.3082

■ 36.0467, 0.4341,
0.3108

■ 22.5636, 0.5614,
0.3102

■ 43.7071, 0.3993,
0.3141

■ 20.7507, 0.5982,
0.3149


■ 53.1492, 0.3704,
0.3179

■ 19.8962, 0.6239,
0.3211

■ 64.4753, 0.3468,
0.3218

■ 19.8893, 0.6241,
0.3212

■ 77.7801, 0.3278,
0.3255

 93.1519, 0.3126,
0.3290

 98.5081, 0.3078,
0.3290

Harmonies

Analogous

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



30.0539, 0.3880, 0.2499



30.0539, 0.4744, 0.3086



30.0539, 0.5051, 0.3748

Triad

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



30.0539, 0.4744, 0.3086



30.0539, 0.3123, 0.5057



30.0539, 0.1643, 0.1953

Complementary

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



30.0539, 0.4744, 0.3086



74.6478, 0.2478, 0.3548

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.



30.0539, 0.1514, 0.2364



30.0539, 0.4744, 0.3086



30.0539, 0.2276, 0.4305

Square

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



30.0539, 0.4744, 0.3086



30.0539, 0.4018, 0.4998



30.0539, 0.1712, 0.3194



30.0539, 0.2090, 0.1877

Rectangle

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



30.0539, 0.4744, 0.3086



30.0539, 0.4900, 0.4206



30.0539, 0.1712, 0.3194



30.0539, 0.1565, 0.2048

Sweetspot

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



30.0555, 0.4744, 0.3086



71.8473, 0.3430, 0.3225



31.6167, 0.2982, 0.1805



14.5475, 0.3491, 0.3214



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.



30.0555, 0.4744, 0.3086



26.6882, 0.5281, 0.3084



42.7435, 0.4622, 0.3826



16.5207, 0.3271, 0.3257



10.5341, 0.6212, 0.3196



0.9374, 0.5919, 0.3035

Inverse Universe

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



30.0555, 0.4744, 0.3086



26.6882, 0.5281, 0.3084



48.4850, 0.2241, 0.2619



16.5207, 0.3271, 0.3257



10.5341, 0.6212, 0.3196



0.9374, 0.5919, 0.3035

Previews

White Background



This preview shows how the Yxy color 30.0539, 0.4744, 0.3086 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

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 30.0539, 0.4744, 0.3086 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 30.0539, 0.4744, 0.3086

Background



This preview shows how black text looks on a background with the Yxy color 30.0539, 0.4744, 0.3086.

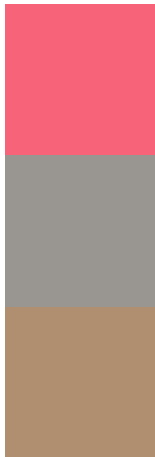


This preview shows how white text looks on a background with the Yxy color 30.0539, 0.4744, 0.3086.

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

30.0539, 0.4744, 0.3086

Protanopia

30.3115, 0.3207, 0.3352

Deuteranopia

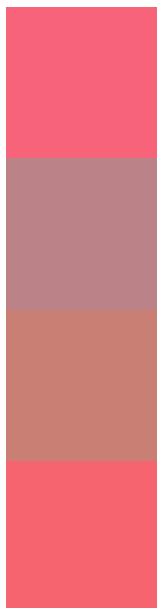
30.0673, 0.3811, 0.3731



Tritanopia

29.9829, 0.4882, 0.3226

Trichromacy



Original Color

30.0539, 0.4744, 0.3086

Protanomaly

28.5750, 0.3727, 0.3222

Deuteranomaly

28.9963, 0.4160, 0.3437

Tritanomaly

29.8770, 0.4836, 0.3176

Monochromacy



Original Color

30.0539, 0.4744, 0.3086

Achromatopsia

28.7441, 0.3127, 0.3290

Achromatomaly

27.5739, 0.3675, 0.3178

CSS Examples

Text

The CSS property to change the color of the text to Yxy 30.0539, 0.4744, 0.3086 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(247, 99, 120)` looks like.

```
.text, #text, p{  
  color:rgb(247, 99, 120)  
}
```

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(247, 99, 120) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(247, 99, 120) }
```

Border

The CSS property to change the border of an element to Yxy 30.0539, 0.4744, 0.3086 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(247, 99, 120) }
```

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

```
.border{ border-color:rgb(247, 99, 120) }
```

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

Here you see how a box with a 4 pixel rgb(247, 99, 120) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(247, 99, 120); -webkit-box-  
shadow:4px 4px 4px 4px rgb(247, 99, 120);  
box-shadow:4px 4px 4px 4px rgb(247, 99,  
120) }
```


Background

The CSS property to change the background color of an element to Yxy 30.0539, 0.4744, 0.3086 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(247, 99, 120) }
```

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

```
.background{ background-color: rgb(247, 99,  
120) }
```

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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