

Converting Colors

$Y_{xy}(30.1060, 0.4791, 0.3026)$

Have a look what the booklet for
Yxy(30.1060, 0.4791, 0.3026)
contains.

Yxy(30.1060, 0.4791, 0.3026)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

Yxy(30.1060, 0.4791, 0.3026)

Conversions

Conversions Part 1

Format	Color
Hex	FC5E7A
RGB	252, 94, 122
RGB Percent	99%, 37%, 48%
CMY	0.0117, 0.6314, 0.5215
CMYK	0.00, 0.63, 0.52, 0.01
HSL	349°, 96%, 68%
HSV	349°, 63%, 99%
XYZ	47.6662, 30.1060, 21.7189
YIQ	144.4340, 85.1800, 42.2040

Conversions

Conversions Part 2

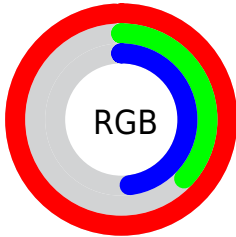
Format	Color
R_{YB}	252, 94, 122
Decimal	16539258
CIE _{Lab}	61.75, 62.14, 17.19
CIE _{LCh}	62, 64.470, 15.461
Yxy	30.1060, 0.4791, 0.3026
Android (android.graphics.Color)	4294729338 (0xFFFC5E7A)
YUV	144.4340, -11.0600, 94.3354
Hunter-Lab	54.8689, 59.0473, 14.9394

Details

The Yxy color **30.1060, 0.4791, 0.3026** is a light color, and the websafe version is hex **FF6666**. The color can be described as light muted rose. A complement of this color would be **77.3910, 0.2484, 0.3635**, and the grayscale version is **28.0936, 0.3127, 0.3290**.

A 20% lighter version of the original color is **46.4492, 0.3937, 0.3051**, and **12.3701, 0.5338, 0.2879** is the 20% darker color. If you saturate the color by 10%, you get **25.8740, 0.5218, 0.3025**, and if you desaturate by 10%, it is **35.9133, 0.4393, 0.3051**.

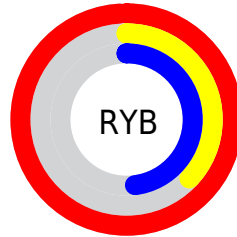
Distribution



Red (99%)

Green (37%)

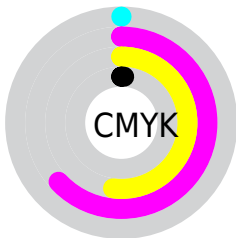
Blue (48%)



Red (99%)

Yellow (37%)

Blue (48%)

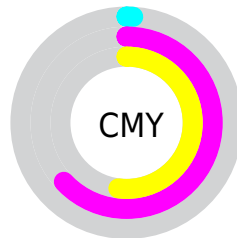


Cyan (0%)

Magenta (63%)

Yellow (52%)

Black (1%)



Cyan (1%)


Magenta (63%)


Yellow (52%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 30.1060, 0.4791, 0.3026 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 30.1060, 0.4791, 0.3026 by changing the saturation by 10% instead.

 30.1060, 0.4791,
0.3026


 30.1060, 0.4791,
0.3026


302.3982, 0.3897,
0.3202


 19.9191, 0.5030,
0.2967


 59.8298, 0.4453,
0.3101


 12.3362, 0.5343,
0.2881


 80.1354, 0.4330,
0.3126

 6.9731, 0.5767,
0.2750


 104.5827, 0.4228,
0.3146

 3.4453, 0.6363,
0.2537

 133.5561, 0.4141,
0.3161

 1.3684, 0.7425,
0.2226

167.4399, 0.4067,
0.3174

 0.1932, 0.9129,
0.0871

206.6186, 0.4003,


 0.0000, 1.0000,


0.3185

0.0000


251.4766, 0.3947,
0.3194


 0.0000, 0.0000,
0.0000


 30.1060, 0.4791,
0.3026


 30.1060, 0.4791,
0.3026


 25.8740, 0.5218,
0.3025


 35.9133, 0.4393,
0.3051


 23.0567, 0.5632,
0.3055


 43.4258, 0.4045,
0.3090

 21.4682, 0.5979,
0.3117

 52.7656, 0.3753,
0.3137

 20.8858, 0.6169,
0.3172

 64.0422, 0.3513,
0.3186

 77.3566, 0.3320,
0.3233

92.8024, 0.3164,
0.3278

99.4385, 0.3109,
0.3290

Harmonies

Analogous

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



30.1060, 0.3851, 0.2428



30.1060, 0.4791, 0.3026



30.1060, 0.5149, 0.3706

Triad

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



30.1060, 0.4791, 0.3026



30.1060, 0.3168, 0.5188



30.1060, 0.1562, 0.1906

Complementary

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



30.1060, 0.4791, 0.3026



77.3910, 0.2484, 0.3635

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.



30.1060, 0.1447, 0.2352



30.1060, 0.4791, 0.3026



30.1060, 0.2274, 0.4440

Square

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



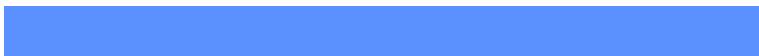
30.1060, 0.4791, 0.3026



30.1060, 0.4100, 0.5051



30.1060, 0.1669, 0.3250



30.1060, 0.2001, 0.1812

Rectangle

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



30.1060, 0.4791, 0.3026



30.1060, 0.5007, 0.4183



30.1060, 0.1669, 0.3250



30.1060, 0.1488, 0.2010

Sweetspot

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



30.1077, 0.4791, 0.3026



70.5817, 0.3437, 0.3203



30.7278, 0.2922, 0.1726



14.3055, 0.3496, 0.3190



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.



30.1077, 0.4791, 0.3026



25.7745, 0.5318, 0.3029



41.4623, 0.4765, 0.3788



17.2755, 0.3266, 0.3248



10.8930, 0.6135, 0.3153



1.0223, 0.5832, 0.2986

Inverse Universe

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



30.1077, 0.4791, 0.3026



25.7745, 0.5318, 0.3029



51.6374, 0.2224, 0.2652



17.2755, 0.3266, 0.3248



10.8930, 0.6135, 0.3153



1.0223, 0.5832, 0.2986

Previews

White Background



This preview shows how the Yxy color 30.1060, 0.4791, 0.3026 looks on a white background.

Color Contrast Check

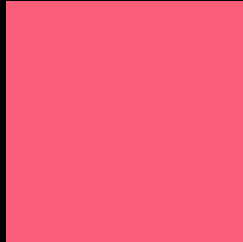
Large Text (above 18pt) WCAG AA × Fail

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 30.1060, 0.4791, 0.3026 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

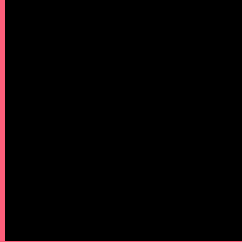
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 30.1060, 0.4791, 0.3026

Background



This preview shows how black text looks on a background with the Yxy color 30.1060, 0.4791, 0.3026.



This preview shows how white text looks on a background with the Yxy color 30.1060, 0.4791, 0.3026.

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

30.1060, 0.4791, 0.3026

Protanopia

30.3723, 0.3148, 0.3275

Deuteranopia

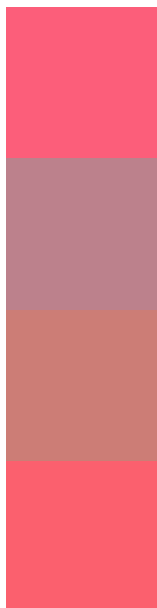
30.1128, 0.3789, 0.3702



Tritanopia

30.0379, 0.5016, 0.3240

Trichromacy



Original Color

30.1060, 0.4791, 0.3026

Protanomaly

28.2853, 0.3698, 0.3139

Deuteranomaly

28.8126, 0.4170, 0.3384

Tritanomaly

30.0008, 0.4932, 0.3163

Monochromacy



Original Color

30.1060, 0.4791, 0.3026

Achromatopsia

27.8894, 0.3127, 0.3290

Achromatomaly

26.7666, 0.3698, 0.3149

CSS Examples

Text

The CSS property to change the color of the text to Yxy 30.1060, 0.4791, 0.3026 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(252, 94, 122)` looks like.

```
.text, #text, p{  
    color:rgb(252, 94, 122)  
}
```

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(252, 94, 122) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(252, 94, 122) }
```

Border

The CSS property to change the border of an element to Yxy 30.1060, 0.4791, 0.3026 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(252, 94, 122) }
```

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

```
.border{ border-color:rgb(252, 94, 122) }
```

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

Here you see how a box with a 4 pixel `rgb(252, 94, 122)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(252, 94, 122); -webkit-box-  
shadow:4px 4px 4px 4px rgb(252, 94, 122);  
box-shadow:4px 4px 4px 4px rgb(252, 94,  
122) }
```


Background

The CSS property to change the background color of an element to Yxy 30.1060, 0.4791, 0.3026 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(252, 94, 122) }
```

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

```
.background{ background-color: rgb(252, 94,  
122) }
```

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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