

Converting Colors

$Y_{xy}(30.2056, 0.4682, 0.3095)$

Have a look what the booklet for
Yxy(30.2056, 0.4682, 0.3095)
contains.

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Color

Yxy(30.1410, 0.4672, 0.3090)

Conversions

Conversions Part 1

Format	Color
Hex	F4667A
RGB	244, 102, 122
RGB Percent	96%, 40%, 48%
CMY	0.0431, 0.6000, 0.5215
CMYK	0.00, 0.58, 0.50, 0.04
HSL	352°, 87%, 68%
HSV	352°, 58%, 96%
XYZ	45.5724, 30.1410, 21.8303
YIQ	146.7380, 78.2120, 36.3240

Conversions

Conversions Part 2

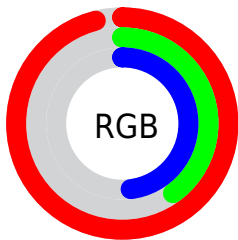
Format	Color
R _Y B	244, 102, 122
Decimal	16017018
CIE Lab	61.78, 56.10, 17.04
CIE LCh	62, 58.634, 16.894
Yxy	30.1410, 0.4672, 0.3090
Android (android.graphics.Color)	4294207098 (0xFFFF4667A)
YUV	146.7380, -12.1958, 85.2988
Hunter-Lab	54.9008, 52.0939, 14.8550

Details

The Yxy color **30.1410, 0.4672, 0.3090** is a light color, and the websafe version is hex **FF6666**. A complement of this color would be **72.9075, 0.2489, 0.3538**, and the grayscale version is **29.0926, 0.3127, 0.3290**.

A 20% lighter version of the original color is **48.7697, 0.3914, 0.3124**, and **12.3631, 0.5189, 0.2961** is the 20% darker color. If you saturate the color by 10%, you get **25.5666, 0.5106, 0.3082**, and if you desaturate by 10%, it is **36.2416, 0.4278, 0.3114**.

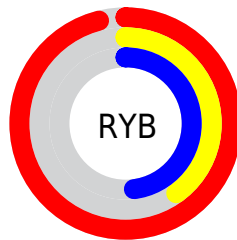
Distribution



Red (96%)

Green (40%)

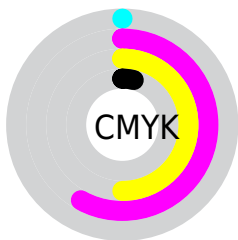
Blue (48%)



Red (96%)

Yellow (40%)

Blue (48%)

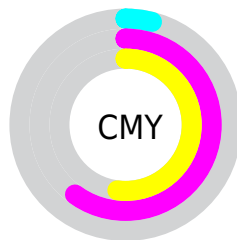


Cyan (0%)

Magenta (58%)

Yellow (50%)

Black (4%)



Cyan (4%)


Magenta (60%)


Yellow (52%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 30.1410, 0.4672, 0.3090 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 30.1410, 0.4672, 0.3090 by changing the saturation by 10% instead.


 30.1410, 0.4672,
0.3090


 30.1410, 0.4672,
0.3090

302.5611, 0.3840,
0.3229


 19.9456, 0.4896,
0.3041


 59.8851, 0.4357,
0.3151


 12.3555, 0.5190,
0.2969

 80.2026, 0.4243,
0.3171

 6.9863, 0.5592,
0.2856


 104.6630, 0.4147,
0.3186

 3.4535, 0.6163,
0.2668

 133.6505, 0.4067,
0.3198

 1.3728, 0.7208,
0.2394

167.5498, 0.3998,
0.3208

 0.1966, 0.9004,
0.0996

206.7450, 0.3938,


 0.0000, 1.0000,


0.3216


0.0000


251.6207, 0.3886,
0.3223

 0.0000, 0.0000,
0.0000


 30.1410, 0.4672,
0.3090


 30.1410, 0.4672,
0.3090


 25.5666, 0.5106,
0.3082


 36.2416, 0.4278,
0.3114


 22.3785, 0.5543,
0.3098

 43.9824, 0.3940,
0.3148


 20.4192, 0.5927,
0.3141


 53.4724, 0.3660,
0.3186

 19.4694, 0.6202,
0.3202

 64.8096, 0.3433,
0.3225

 19.3504, 0.6241,
0.3212

 78.0848, 0.3250,
0.3262

 93.3829, 0.3103,
0.3296

 97.9728, 0.3060,
0.3290

Harmonies

Analogous

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



30.1410, 0.3838, 0.2519



30.1410, 0.4672, 0.3090



30.1410, 0.4982, 0.3735

Triad

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



30.1410, 0.4672, 0.3090



30.1410, 0.3145, 0.4984



30.1410, 0.1684, 0.2001

Complementary

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



30.1410, 0.4672, 0.3090



72.9075, 0.2489, 0.3538

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.



30.1410, 0.1564, 0.2410



30.1410, 0.4672, 0.3090



30.1410, 0.2321, 0.4276

Square

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



30.1410, 0.4672, 0.3090



30.1410, 0.4010, 0.4933



30.1410, 0.1766, 0.3218



30.1410, 0.2117, 0.1919

Rectangle

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



30.1410, 0.4672, 0.3090



30.1410, 0.4848, 0.4180



30.1410, 0.1766, 0.3218



30.1410, 0.1610, 0.2097

Sweetspot

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



30.1426, 0.4672, 0.3090



73.2213, 0.3410, 0.3229



31.6764, 0.2988, 0.1841



15.0854, 0.3451, 0.3221



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.



30.1426, 0.4672, 0.3090



27.4502, 0.5194, 0.3083



42.5532, 0.4562, 0.3815



16.5205, 0.3271, 0.3257



10.5335, 0.6213, 0.3197



0.9372, 0.5922, 0.3036

Inverse Universe

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



30.1426, 0.4672, 0.3090



27.4502, 0.5194, 0.3083



48.0750, 0.2263, 0.2642



16.5205, 0.3271, 0.3257



10.5335, 0.6213, 0.3197



0.9372, 0.5922, 0.3036

Previews

White Background



This preview shows how the Yxy color 30.1410, 0.4672, 0.3090 looks on a white background.

Color Contrast Check

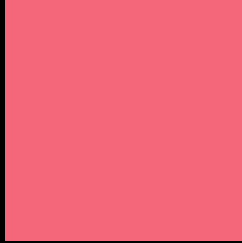
Large Text (above 18pt) WCAG AA × Fail

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 30.1410, 0.4672, 0.3090 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 30.1410, 0.4672, 0.3090

Background



This preview shows how black text looks on a background with the Yxy color 30.1410, 0.4672, 0.3090.



This preview shows how white text looks on a background with the Yxy color 30.1410, 0.4672, 0.3090.

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

30.1410, 0.4672, 0.3090

Protanopia

30.3425, 0.3197, 0.3337

Deuteranopia

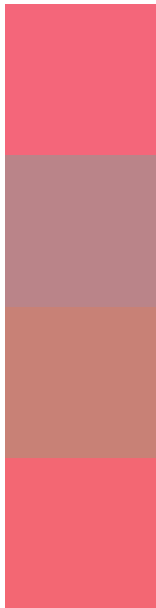
30.2983, 0.3773, 0.3718



Tritanopia

30.1030, 0.4796, 0.3224

Trichromacy



Original Color

30.1410, 0.4672, 0.3090

Protanomaly

28.7478, 0.3700, 0.3221

Deuteranomaly

29.2879, 0.4102, 0.3438

Tritanomaly

29.9930, 0.4750, 0.3172

Monochromacy



Original Color

30.1410, 0.4672, 0.3090

Achromatopsia

29.1771, 0.3127, 0.3290

Achromatomaly

28.0127, 0.3645, 0.3191

CSS Examples

Text

The CSS property to change the color of the text to Yxy 30.1410, 0.4672, 0.3090 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(244, 102, 122)` looks like.

```
.text, #text, p{  
    color:rgb(244, 102, 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(244, 102, 122) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(244, 102, 122) }
```

Border

The CSS property to change the border of an element to Yxy 30.1410, 0.4672, 0.3090 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(244, 102, 122) }
```

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

```
.border{ border-color:rgb(244, 102, 122) }
```

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

Here you see how a box with a 4 pixel `rgb(244, 102, 122)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(244, 102, 122); -webkit-box-  
shadow:4px 4px 4px 4px rgb(244, 102, 122);  
box-shadow:4px 4px 4px 4px rgb(244, 102,  
122) }
```


Background

The CSS property to change the background color of an element to Yxy 30.1410, 0.4672, 0.3090 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(244, 102, 122) }
```

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

```
.background{ background-color: rgb(244,  
102, 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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