

Converting Colors

Yxy(30.5440, 0.4879, 0.3168)

Have a look what the booklet for
Yxy(30.5440, 0.4879, 0.3168)
contains.

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Color

Yxy(30.6028, 0.4887, 0.3171)

Conversions

Conversions Part 1

Format	Color
Hex	FB6370
RGB	251, 99, 112
RGB Percent	98%, 39%, 44%
CMY	0.0158, 0.6116, 0.5609
CMYK	0.00, 0.61, 0.55, 0.02
HSL	355°, 95%, 69%
HSV	355°, 61%, 98%
XYZ	47.1636, 30.6028, 18.7419
YIQ	145.9300, 86.4190, 36.2670

Conversions

Conversions Part 2

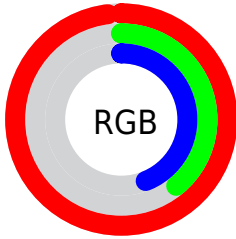
Format	Color
R _Y B	251, 99, 112
Decimal	16474992
CIE Lab	62.17, 58.90, 23.52
CIE LCh	62, 63.426, 21.770
Yxy	30.6028, 0.4887, 0.3171
Android (android.graphics.Color)	4294665072 (0xFFFB6370)
YUV	145.9300, -16.7275, 92.1464
Hunter-Lab	55.3198, 55.3729, 18.6369

Details

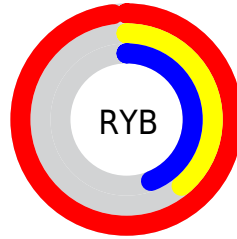
The Yxy color **30.6028, 0.4887, 0.3171** is a light color, and the websafe version is hex **FF6666**. A complement of this color would be **77.8117, 0.2438, 0.3444**, and the grayscale version is **28.7612, 0.3127, 0.3290**.

A 20% lighter version of the original color is **47.3830, 0.4027, 0.3198**, and **12.6400, 0.5471, 0.3055** is the 20% darker color. If you saturate the color by 10%, you get **26.1157, 0.5348, 0.3173**, and if you desaturate by 10%, it is **36.7008, 0.4454, 0.3182**.

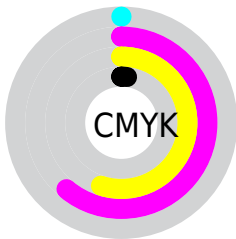
Distribution



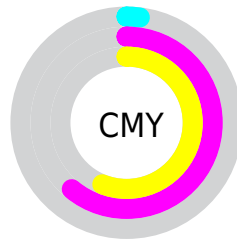
- Red (98%)
- Green (39%)
- Blue (44%)



- Red (98%)
- Yellow (39%)
- Blue (44%)



- Cyan (0%)
- Magenta (61%)
- Yellow (55%)
- Black (2%)





- Cyan (2%)
- Magenta (61%)
- Yellow (56%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 30.6028, 0.4887, 0.3171 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 30.6028, 0.4887, 0.3171 by changing the saturation by 10% instead.


 30.6028, 0.4887,
0.3171


 30.6028, 0.4887,
0.3171


304.7042, 0.3944,
0.3283


 20.2966, 0.5136,
0.3124


 60.6142, 0.4533,
0.3226


 12.6108, 0.5460,
0.3050


 81.0881, 0.4403,
0.3242

 7.1611, 0.5893,
0.2931


 105.7201, 0.4294,
0.3254

 3.5631, 0.6487,
0.2725

 134.8945, 0.4203,
0.3263

 1.4323, 0.7569,
0.2431

168.9957, 0.4124,
0.3270

 0.2403, 0.8910,
0.1090

208.4081, 0.4056,

 0.0000, 1.0000,

0.3275

0.0000

253.5162, 0.3997,
0.3279

■ 0.0000, 0.0000,
0.0000

■ 30.6028, 0.4887,
0.3171

■ 30.6028, 0.4887,
0.3171

■ 26.1157, 0.5348,
0.3173

■ 36.7008, 0.4454,
0.3182

■ 23.0824, 0.5785,
0.3191

■ 44.5376, 0.4076,
0.3200

■ 21.3231, 0.6129,
0.3224

■ 54.2340, 0.3761,
0.3222

■ 20.5610, 0.6329,
0.3260

■ 65.8985, 0.3505,
0.3245

■ 79.6315, 0.3300,
0.3268

95.5264, 0.3135,
0.3289

99.2455, 0.3102,
0.3290

Harmonies

Analogous

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



30.6028, 0.4057, 0.2557



30.6028, 0.4887, 0.3171



30.6028, 0.5097, 0.3853

Triad

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



30.6028, 0.4887, 0.3171



30.6028, 0.2977, 0.5061



30.6028, 0.1651, 0.1885

Complementary

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



30.6028, 0.4887, 0.3171



77.8117, 0.2438, 0.3444

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.



30.6028, 0.1472, 0.2246



30.6028, 0.4887, 0.3171



30.6028, 0.2138, 0.4175

Square

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



30.6028, 0.4887, 0.3171



30.6028, 0.3904, 0.5104



30.6028, 0.1619, 0.3032



30.6028, 0.2157, 0.1854

Rectangle

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



30.6028, 0.4887, 0.3171



30.6028, 0.4880, 0.4324



30.6028, 0.1619, 0.3032



30.6028, 0.1556, 0.1964

Sweetspot

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



30.6045, 0.4887, 0.3171



71.7146, 0.3449, 0.3251



33.6896, 0.3051, 0.1822



14.5158, 0.3514, 0.3245



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.



30.6045, 0.4887, 0.3171



26.1490, 0.5463, 0.3176



46.4832, 0.4587, 0.3907



17.2492, 0.3281, 0.3270



10.8181, 0.6308, 0.3249



1.0099, 0.6111, 0.3140

Inverse Universe

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



30.6045, 0.4887, 0.3171



26.1490, 0.5463, 0.3176



46.5322, 0.2210, 0.2507



17.2492, 0.3281, 0.3270



10.8181, 0.6308, 0.3249



1.0099, 0.6111, 0.3140

Previews

White Background



This preview shows how the Yxy color 30.6028, 0.4887, 0.3171 looks on a white background.

Color Contrast Check

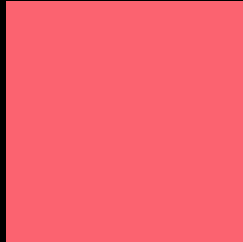
Large Text (above 18pt) WCAG AA × Fail

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 30.6028, 0.4887, 0.3171 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 30.6028, 0.4887, 0.3171

Background



This preview shows how black text looks on a background with the Yxy color 30.6028, 0.4887, 0.3171.



This preview shows how white text looks on a background with the Yxy color 30.6028, 0.4887, 0.3171.

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

30.6028, 0.4887, 0.3171

Protanopia

30.7584, 0.3336, 0.3507

Deuteranopia

30.6697, 0.3936, 0.3851



Tritanopia

30.6642, 0.4958, 0.3238

Trichromacy



Original Color

30.6028, 0.4887, 0.3171

Protanomaly

28.8413, 0.3880, 0.3347

Deuteranomaly

29.6429, 0.4295, 0.3548

Tritanomaly

30.7063, 0.4932, 0.3219

Monochromacy



Original Color

30.6028, 0.4887, 0.3171

Achromatopsia

28.7441, 0.3127, 0.3290

Achromatomaly

27.6121, 0.3723, 0.3221

CSS Examples

Text

The CSS property to change the color of the text to Yxy 30.6028, 0.4887, 0.3171 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(251, 99, 112)` looks like.

```
.text, #text, p{  
    color:rgb(251, 99, 112)  
}
```

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(251, 99, 112) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(251, 99, 112) }
```

Border

The CSS property to change the border of an element to Yxy 30.6028, 0.4887, 0.3171 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(251, 99, 112) }
```

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

```
.border{ border-color:rgb(251, 99, 112) }
```

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

Here you see how a box with a 4 pixel `rgb(251, 99, 112)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(251, 99, 112); -webkit-box-  
shadow:4px 4px 4px 4px rgb(251, 99, 112);  
box-shadow:4px 4px 4px 4px rgb(251, 99,  
112) }
```


Background

The CSS property to change the background color of an element to Yxy 30.6028, 0.4887, 0.3171 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(251, 99, 112) }
```

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

```
.background{ background-color: rgb(251, 99,  
112) }
```

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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