

Converting Colors

Yxy(30.4008, 0.4836, 0.3188)

Have a look what the booklet for
Yxy(30.4008, 0.4836, 0.3188)
contains.

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Color

Yxy(30.2514, 0.4839, 0.3187)

Conversions

Conversions Part 1

Format	Color
Hex	F76570
RGB	247, 101, 112
RGB Percent	97%, 40%, 44%
CMY	0.0314, 0.6038, 0.5609
CMYK	0.00, 0.59, 0.55, 0.03
HSL	356°, 90%, 68%
HSV	356°, 59%, 97%
XYZ	45.9324, 30.2514, 18.7375
YIQ	145.9080, 83.4850, 34.3730

Conversions

Conversions Part 2

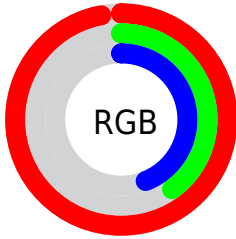
Format	Color
R _Y B	247, 101, 112
Decimal	16213360
CIE Lab	61.87, 56.72, 23.01
CIE LCh	62, 61.213, 22.085
Yxy	30.2514, 0.4839, 0.3187
Android (android.graphics.Color)	4294403440 (0xFFFF76570)
YUV	145.9080, -16.7166, 88.6577
Hunter-Lab	55.0013, 52.8158, 18.3024

Details

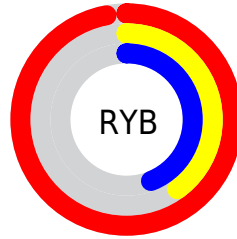
The Yxy color **30.2514, 0.4839, 0.3187** is a light color, and the websafe version is hex **FF6666**. A complement of this color would be **75.3428, 0.2442, 0.3421**, and the grayscale version is **28.7510, 0.3127, 0.3290**.

A 20% lighter version of the original color is **48.0543, 0.4019, 0.3219**, and **12.4122, 0.5408, 0.3079** is the 20% darker color. If you saturate the color by 10%, you get **25.7092, 0.5302, 0.3187**, and if you desaturate by 10%, it is **36.3667, 0.4408, 0.3197**.

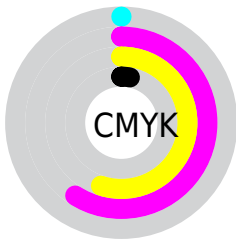
Distribution



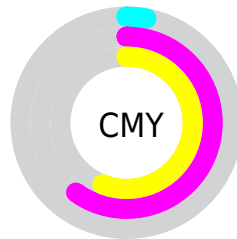
- Red (97%)
- Green (40%)
- Blue (44%)



- Red (97%)
- Yellow (40%)
- Blue (44%)



- Cyan (0%)
- Magenta (59%)
- Yellow (55%)
- Black (3%)





- Cyan (3%)
- Magenta (60%)
- Yellow (56%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 30.2514, 0.4839, 0.3187 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 30.2514, 0.4839, 0.3187 by changing the saturation by 10% instead.


 30.2514, 0.4839,
0.3187


 30.2514, 0.4839,
0.3187


303.0745, 0.3919,
0.3288


 20.0295, 0.5083,
0.3143


 60.0595, 0.4492,
0.3237


 12.4165, 0.5402,
0.3074


 80.4145, 0.4366,
0.3252

 7.0280, 0.5831,
0.2960


 104.9160, 0.4260,
0.3263

 3.4796, 0.6422,
0.2762

 133.9484, 0.4171,
0.3271

 1.3870, 0.7520,
0.2480

167.8960, 0.4094,
0.3277

 0.2071, 0.8978,
0.1022

207.1433, 0.4028,


 0.0000, 1.0000,


0.3282

0.0000

252.0747, 0.3970,
0.3285


 0.0000, 0.0000,
0.0000


 30.2514, 0.4839,
0.3187

 30.2514, 0.4839,
0.3187

 25.7092, 0.5302,
0.3187


 36.3667, 0.4408,
0.3197


 22.5915, 0.5747,
0.3201


 44.1762, 0.4036,
0.3214

 20.7305, 0.6106,
0.3230


 53.7945, 0.3727,
0.3234


 19.8734, 0.6326,
0.3264

 65.3252, 0.3476,
0.3254

 19.8180, 0.6340,
0.3266

 78.8639, 0.3275,
0.3273

 94.4998, 0.3114,
0.3292

 98.5126, 0.3078,
0.3290

Harmonies

Analogous

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



30.2514, 0.4040, 0.2583



30.2514, 0.4839, 0.3187



30.2514, 0.5041, 0.3857

Triad

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



30.2514, 0.4839, 0.3187



30.2514, 0.2978, 0.4994



30.2514, 0.1690, 0.1919

Complementary

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



30.2514, 0.4839, 0.3187



75.3428, 0.2442, 0.3421

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.



30.2514, 0.1511, 0.2271



30.2514, 0.4839, 0.3187



30.2514, 0.2161, 0.4134

Square

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



30.2514, 0.4839, 0.3187



30.2514, 0.3883, 0.5056



30.2514, 0.1655, 0.3034



30.2514, 0.2191, 0.1889

Rectangle

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



30.2514, 0.4839, 0.3187



30.2514, 0.4832, 0.4316



30.2514, 0.1655, 0.3034



30.2514, 0.1596, 0.1996

Sweetspot

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



30.2531, 0.4839, 0.3187



71.6909, 0.3452, 0.3256



33.6590, 0.3077, 0.1861



14.5102, 0.3518, 0.3250



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.



30.2531, 0.4839, 0.3187



26.8476, 0.5396, 0.3189



46.4975, 0.4521, 0.3922



16.5027, 0.3282, 0.3273



10.4895, 0.6321, 0.3256



0.9288, 0.6134, 0.3153

Inverse Universe

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



30.2531, 0.4839, 0.3187



26.8476, 0.5396, 0.3189



44.6723, 0.2221, 0.2497



16.5027, 0.3282, 0.3273



10.4895, 0.6321, 0.3256



0.9288, 0.6134, 0.3153

Previews

White Background



This preview shows how the Yxy color 30.2514, 0.4839, 0.3187 looks on a white background.

Color Contrast Check

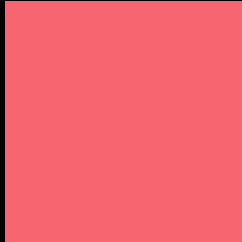
Large Text (above 18pt) WCAG AA × Fail

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 30.2514, 0.4839, 0.3187 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 30.2514, 0.4839, 0.3187

Background



This preview shows how black text looks on a background with the Yxy color 30.2514, 0.4839, 0.3187.



This preview shows how white text looks on a background with the Yxy color 30.2514, 0.4839, 0.3187.

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

30.2514, 0.4839, 0.3187

Protanopia

30.3121, 0.3337, 0.3509

Deuteranopia

30.1298, 0.3919, 0.3842



Tritanopia

30.3596, 0.4884, 0.3236

Trichromacy



Original Color

30.2514, 0.4839, 0.3187

Protanomaly

28.8537, 0.3853, 0.3362

Deuteranomaly

29.2176, 0.4262, 0.3552

Tritanomaly

30.3810, 0.4871, 0.3226

Monochromacy



Original Color

30.2514, 0.4839, 0.3187

Achromatopsia

28.7441, 0.3127, 0.3290

Achromatomaly

27.7538, 0.3708, 0.3235

CSS Examples

Text

The CSS property to change the color of the text to Yxy 30.2514, 0.4839, 0.3187 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, 101, 112)` looks like.

```
.text, #text, p{  
    color:rgb(247, 101, 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(247, 101, 112) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(247, 101, 112) }
```

Border

The CSS property to change the border of an element to Yxy 30.2514, 0.4839, 0.3187 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, 101, 112) }
```

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

```
.border{ border-color:rgb(247, 101, 112) }
```

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

Here you see how a box with a 4 pixel `rgb(247, 101, 112)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(247, 101, 112); -webkit-box-  
shadow:4px 4px 4px 4px rgb(247, 101, 112);  
box-shadow:4px 4px 4px 4px rgb(247, 101,  
112) }
```


Background

The CSS property to change the background color of an element to Yxy 30.2514, 0.4839, 0.3187 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(247, 101, 112) }
```

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

```
.background{ background-color: rgb(247,  
101, 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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