

Converting Colors

$Y_{xy}(32.6919, 0.4412, 0.3061)$

Have a look what the booklet for
Yxy(32.6919, 0.4412, 0.3061)
contains.

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Color

Yxy(32.6894, 0.4404, 0.3058)

Conversions

Conversions Part 1

Format	Color
Hex	F27288
RGB	242, 114, 136
RGB Percent	95%, 45%, 53%
CMY	0.0510, 0.5529, 0.4666
CMYK	0.00, 0.53, 0.44, 0.05
HSL	350°, 83%, 70%
HSV	350°, 53%, 95%
XYZ	47.0779, 32.6894, 27.1307
YIQ	154.7800, 69.2260, 33.9780

Conversions

Conversions Part 2

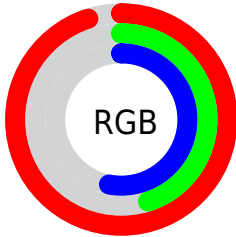
Format	Color
R _Y B	242, 114, 136
Decimal	15889032
CIE Lab	63.91, 51.17, 11.92
CIE LCh	64, 52.542, 13.113
Yxy	32.6894, 0.4404, 0.3058
Android (android.graphics.Color)	4294079112 (0xFFFF27288)
YUV	154.7800, -9.2585, 76.4919
Hunter-Lab	57.1746, 46.9221, 11.8878

Details

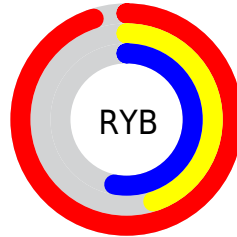
The Yxy color **32.6894, 0.4404, 0.3058** is a light color, and the websafe version is hex **FF6699**. A complement of this color would be **72.2418, 0.2545, 0.3563**, and the grayscale version is **32.6974, 0.3127, 0.3290**.

A 20% lighter version of the original color is **53.3101, 0.3736, 0.3082**, and **13.8487, 0.4834, 0.2964** is the 20% darker color. If you saturate the color by 10%, you get **27.4170, 0.4804, 0.3035**, and if you desaturate by 10%, it is **39.5155, 0.4054, 0.3096**.

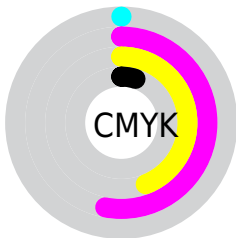
Distribution



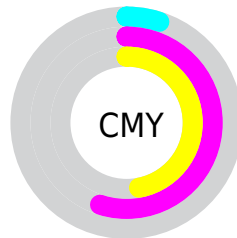
- Red (95%)
- Green (45%)
- Blue (53%)



- Red (95%)
- Yellow (45%)
- Blue (53%)



- Cyan (0%)
- Magenta (53%)
- Yellow (44%)
- Black (5%)





- Cyan (5%)
- Magenta (55%)
- Yellow (47%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 32.6894, 0.4404, 0.3058 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 32.6894, 0.4404, 0.3058 by changing the saturation by 10% instead.


 32.6894, 0.4404,
0.3058


 32.6894, 0.4404,
0.3058


314.2478, 0.3724,
0.3200

 21.8886, 0.4585,
0.3014


 63.8903, 0.4148,
0.3116

 13.7751, 0.4825,
0.2951


 85.0592, 0.4054,
0.3136

 7.9644, 0.5153,
0.2858


 110.4529, 0.3976,
0.3152

 4.0722, 0.5624,
0.2709

140.4559, 0.3911,
0.3165

 1.7140, 0.6346,
0.2449

175.4525, 0.3854,
0.3176

 0.4327, 0.8187,
0.1813

215.8270, 0.3805,


 0.0000, 1.0000,


0.3185


0.0000


261.9640, 0.3762,
0.3193


 0.0000, 0.0000,
0.0000


 32.6894, 0.4404,
0.3058


 32.6894, 0.4404,
0.3058


 27.4170, 0.4804,
0.3035


 39.5155, 0.4054,
0.3096


 23.5705, 0.5233,
0.3034


 47.9993, 0.3760,
0.3141

 21.0107, 0.5647,
0.3064


 58.2421, 0.3519,
0.3188

 19.5673, 0.5993,
0.3125

 70.3354, 0.3324,
0.3234

 19.0398, 0.6177,
0.3176

 84.3643, 0.3167,
0.3278

 97.6153, 0.3047,
0.3290

Harmonies

Analogous

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



32.6894, 0.3647, 0.2549



32.6894, 0.4404, 0.3058



32.6894, 0.4753, 0.3643

Triad

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



32.6894, 0.4404, 0.3058



32.6894, 0.3265, 0.4780



32.6894, 0.1804, 0.2175

Complementary

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



32.6894, 0.4404, 0.3058



72.2418, 0.2545, 0.3563

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.



32.6894, 0.1733, 0.2598



32.6894, 0.4404, 0.3058



32.6894, 0.2511, 0.4242

Square

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



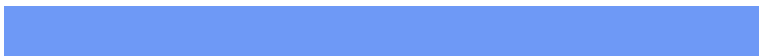
32.6894, 0.4404, 0.3058



32.6894, 0.4023, 0.4705



32.6894, 0.1966, 0.3352



32.6894, 0.2165, 0.2057

Rectangle

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



32.6894, 0.4404, 0.3058



32.6894, 0.4693, 0.4042



32.6894, 0.1966, 0.3352



32.6894, 0.1748, 0.2279

Sweetspot

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



32.6911, 0.4404, 0.3058



74.6865, 0.3381, 0.3220



33.4344, 0.2967, 0.1940



15.3767, 0.3420, 0.3210



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.



32.6911, 0.4404, 0.3058



30.7326, 0.4817, 0.3034



43.3798, 0.4412, 0.3731



15.8032, 0.3266, 0.3250



10.2430, 0.6144, 0.3158



0.8648, 0.5807, 0.2973

Inverse Universe

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



32.6911, 0.4404, 0.3058



30.7326, 0.4817, 0.3034



51.9779, 0.2343, 0.2770



15.8032, 0.3266, 0.3250



10.2430, 0.6144, 0.3158



0.8648, 0.5807, 0.2973

Previews

White Background



This preview shows how the Yxy color 32.6894, 0.4404, 0.3058 looks on a white background.

Color Contrast Check

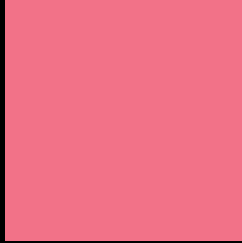
Large Text (above 18pt) WCAG AA × Fail

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 32.6894, 0.4404, 0.3058 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

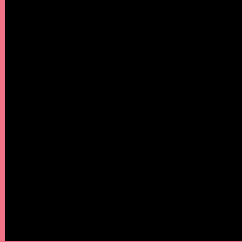
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 32.6894, 0.4404, 0.3058

Background



This preview shows how black text looks on a background with the Yxy color 32.6894, 0.4404, 0.3058.



This preview shows how white text looks on a background with the Yxy color 32.6894, 0.4404, 0.3058.

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

32.6894, 0.4404, 0.3058

Protanopia

32.7479, 0.3120, 0.3230

Deuteranopia

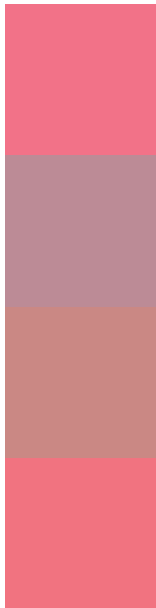
32.6903, 0.3638, 0.3564



Tritanopia

32.6468, 0.4537, 0.3209

Trichromacy



Original Color

32.6894, 0.4404, 0.3058

Protanomaly

31.3586, 0.3552, 0.3140

Deuteranomaly

31.8308, 0.3922, 0.3345

Tritanomaly

32.5208, 0.4492, 0.3155

Monochromacy



Original Color

32.6894, 0.4404, 0.3058

Achromatopsia

32.7778, 0.3127, 0.3290

Achromatomaly

31.4591, 0.3561, 0.3181

CSS Examples

Text

The CSS property to change the color of the text to Yxy 32.6894, 0.4404, 0.3058 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(242, 114, 136)` looks like.

```
.text, #text, p{  
    color:rgb(242, 114, 136)  
}
```

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(242, 114, 136) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(242, 114, 136) }
```

Border

The CSS property to change the border of an element to Yxy 32.6894, 0.4404, 0.3058 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(242, 114, 136) }
```

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

```
.border{ border-color:rgb(242, 114, 136) }
```

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

Here you see how a box with a 4 pixel `rgb(242, 114, 136)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(242, 114, 136); -webkit-box-  
shadow:4px 4px 4px 4px rgb(242, 114, 136);  
box-shadow:4px 4px 4px 4px rgb(242, 114,  
136) }
```


Background

The CSS property to change the background color of an element to Yxy 32.6894, 0.4404, 0.3058 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(242, 114, 136) }
```

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

```
.background{ background-color: rgb(242,  
114, 136) }
```

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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