

Converting Colors

$Yxy(25.8737, 0.4896, 0.2893)$

Have a look what the booklet for
Yxy(25.8737, 0.4896, 0.2893)
contains.

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Color

Yxy(25.7984, 0.4894, 0.2888)

Conversions

Conversions Part 1

Format	Color
Hex	F64A76
RGB	246, 74, 118
RGB Percent	96%, 29%, 46%
CMY	0.0354, 0.7096, 0.5373
CMYK	0.00, 0.70, 0.52, 0.04
HSL	345°, 90%, 63%
HSV	345°, 70%, 96%
XYZ	43.7179, 25.7984, 19.8133
YIQ	130.4440, 88.3880, 50.1480

Conversions

Conversions Part 2

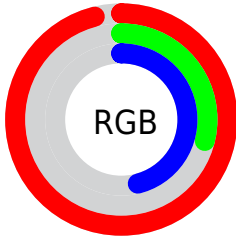
Format	Color
R_{YB}	246, 74, 118
Decimal	16140918
CIE _{Lab}	57.85, 67.66, 13.98
CIE _{LCh}	58, 69.093, 11.678
Yxy	25.7984, 0.4894, 0.2888
Android (android.graphics.Color)	4294330998 (0xFFFF64A76)
YUV	130.4440, -6.1349, 101.3426
Hunter-Lab	50.7921, 64.7527, 12.4263

Details

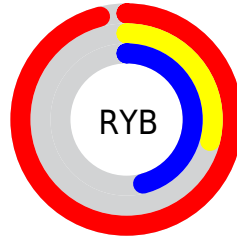
The Yxy color **25.7984, 0.4894, 0.2888** is a dark color, and the websafe version is hex **FF3366**. The color can be described as middle washed rose. A complement of this color would be **71.6189, 0.2506, 0.3864**, and the grayscale version is **22.4941, 0.3127, 0.3290**.

A 20% lighter version of the original color is **40.9373, 0.4041, 0.2908**, and **10.6325, 0.5457, 0.2780** is the 20% darker color. If you saturate the color by 10%, you get **22.7366, 0.5286, 0.2903**, and if you desaturate by 10%, it is **30.2308, 0.4513, 0.2910**.

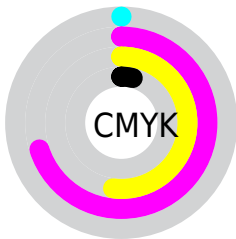
Distribution



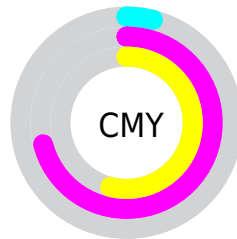
- Red (96%)
- Green (29%)
- Blue (46%)



- Red (96%)
- Yellow (29%)
- Blue (46%)



- Cyan (0%)
- Magenta (70%)
- Yellow (52%)
- Black (4%)



- Cyan (4%)
- Magenta (71%)
- Yellow (54%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 25.7984, 0.4894, 0.2888 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 25.7984, 0.4894, 0.2888 by changing the saturation by 10% instead.


 25.7984, 0.4894,
0.2888


 25.7984, 0.4894,
0.2888

281.7910, 0.3926,
0.3139


 16.6729, 0.5160,
0.2807


 52.9495, 0.4523,
0.2992


 10.0015, 0.5512,
0.2692


 71.7439, 0.4390,
0.3028


 5.4000, 0.5996,
0.2519

 94.5301, 0.4279,
0.3056

 2.4838, 0.6685,
0.2242

 121.6924, 0.4186,
0.3079

 0.8685, 0.8126,
0.1874

 153.6153, 0.4106,
0.3098

 0.0000, 1.0000,
0.0000

190.6831, 0.4038,

 0.0000, 0.0000,

0.3114

0.0000

233.2802, 0.3978,
0.3127

■ 25.7984, 0.4894,
0.2888

■ 25.7984, 0.4894,
0.2888

■ 22.7366, 0.5286,
0.2903

■ 30.2308, 0.4513,
0.2910

■ 20.8768, 0.5651,
0.2961

■ 36.1678, 0.4170,
0.2957


■ 19.9533, 0.5951,
0.3053


■ 43.7317, 0.3874,
0.3020


■ 19.9456, 0.5954,
0.3053

■ 53.0316, 0.3627,
0.3089

■ 64.1665, 0.3424,
0.3159

 77.2284, 0.3259,
0.3227

 92.3028, 0.3126,
0.3291

 98.3281, 0.3072,
0.3290

Harmonies

Analogous

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



25.7984, 0.3778, 0.2266



25.7984, 0.4894, 0.2888



25.7984, 0.5374, 0.3602

Triad

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



25.7984, 0.4894, 0.2888



25.7984, 0.3264, 0.5481



25.7984, 0.1384, 0.1800

Complementary

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



25.7984, 0.4894, 0.2888



71.6189, 0.2506, 0.3864

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.



25.7984, 0.1299, 0.2324



25.7984, 0.4894, 0.2888



25.7984, 0.2268, 0.4769

Square

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



25.7984, 0.4894, 0.2888



25.7984, 0.4276, 0.5148



25.7984, 0.1572, 0.3387



25.7984, 0.1805, 0.1669

Rectangle

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



25.7984, 0.4894, 0.2888



25.7984, 0.5247, 0.4114



25.7984, 0.1572, 0.3387



25.7984, 0.1319, 0.1923

Sweetspot

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



25.7999, 0.4894, 0.2888



68.1568, 0.3445, 0.3151



23.8529, 0.2747, 0.1526



13.8429, 0.3498, 0.3132



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.



25.7999, 0.4894, 0.2888



23.6684, 0.5447, 0.2922



32.1547, 0.5160, 0.3665



16.5520, 0.3253, 0.3230



10.6679, 0.5913, 0.3031



0.9536, 0.5563, 0.2838

Inverse Universe

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



25.7999, 0.4894, 0.2888



23.6684, 0.5447, 0.2922



52.1841, 0.2199, 0.2765



16.5520, 0.3253, 0.3230



10.6679, 0.5913, 0.3031



0.9536, 0.5563, 0.2838

Previews

White Background



This preview shows how the Yxy color 25.7984, 0.4894, 0.2888 looks on a white background.

Color Contrast Check

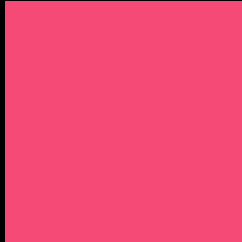
Large Text (above 18pt) WCAG AA ✓ Pass

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 25.7984, 0.4894, 0.2888 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

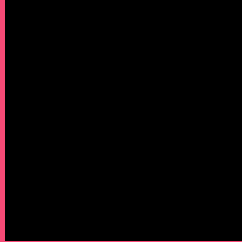
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 25.7984, 0.4894, 0.2888

Background



This preview shows how black text looks on a background with the Yxy color 25.7984, 0.4894, 0.2888.



This preview shows how white text looks on a background with the Yxy color 25.7984, 0.4894, 0.2888.

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

25.7984, 0.4894, 0.2888

Protanopia

25.8472, 0.2988, 0.3061

Deuteranopia

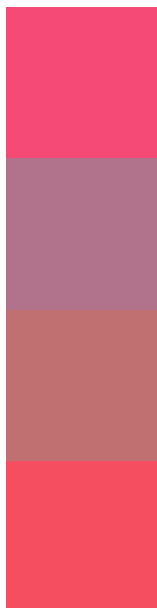
25.9625, 0.3736, 0.3668



Tritanopia

25.7738, 0.5301, 0.3261

Trichromacy



Original Color

25.7984, 0.4894, 0.2888

Protanomaly

23.5020, 0.3610, 0.2926

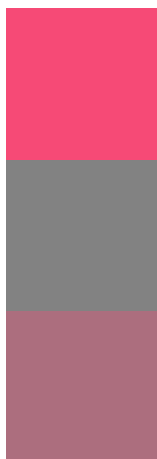
Deuteranomaly

24.1181, 0.4184, 0.3280

Tritanomaly

25.7243, 0.5169, 0.3126

Monochromacy



Original Color

25.7984, 0.4894, 0.2888

Achromatopsia

22.3228, 0.3127, 0.3290

Achromatomaly

21.4289, 0.3751, 0.3050

CSS Examples

Text

The CSS property to change the color of the text to Yxy 25.7984, 0.4894, 0.2888 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(246, 74, 118)` looks like.

```
.text, #text, p{  
    color:rgb(246, 74, 118)  
}
```

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(246, 74, 118) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(246, 74, 118) }
```

Border

The CSS property to change the border of an element to Yxy 25.7984, 0.4894, 0.2888 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(246, 74, 118) }
```

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

```
.border{ border-color:rgb(246, 74, 118) }
```

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

Here you see how a box with a 4 pixel `rgb(246, 74, 118)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(246, 74, 118); -webkit-box-  
shadow:4px 4px 4px 4px rgb(246, 74, 118);  
box-shadow:4px 4px 4px 4px rgb(246, 74,  
118) }
```


Background

The CSS property to change the background color of an element to Yxy 25.7984, 0.4894, 0.2888 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(246, 74, 118) }
```

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

```
.background{ background-color: rgb(246, 74,  
118) }
```

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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