

Converting Colors

$Y_{xy}(25.3031, 0.4966, 0.2944)$

Have a look what the booklet for
Yxy(25.3031, 0.4966, 0.2944)
contains.

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Color

Yxy(25.3005, 0.4966, 0.2944)

Conversions

Conversions Part 1

Format	Color
Hex	F44A70
RGB	244, 74, 112
RGB Percent	96%, 29%, 44%
CMY	0.0432, 0.7097, 0.5608
CMYK	0.00, 0.70, 0.54, 0.04
HSL	347°, 89%, 62%
HSV	347°, 70%, 96%
XYZ	42.6774, 25.3005, 17.9613
YIQ	129.1620, 89.1220, 47.8580

Conversions

Conversions Part 2

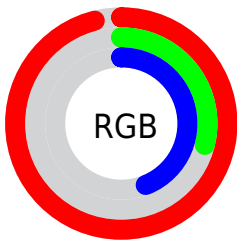
Format	Color
R_{YB}	244, 74, 112
Decimal	16009840
CIE _{Lab}	57.37, 66.64, 16.81
CIE _{LCh}	57, 68.724, 14.156
Yxy	25.3005, 0.4966, 0.2944
Android (android.graphics.Color)	4294199920 (0xFFFF44A70)
YUV	129.1620, -8.4609, 100.7129
Hunter-Lab	50.2996, 63.4265, 14.0381

Details

The Yxy color **25.3005, 0.4966, 0.2944** 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 **70.6065, 0.2483, 0.3786**, and the grayscale version is **22.0241, 0.3127, 0.3290**.

A 20% lighter version of the original color is **40.6794, 0.4121, 0.2981**, and **10.2054, 0.5538, 0.2824** is the 20% darker color. If you saturate the color by 10%, you get **22.2715, 0.5372, 0.2961**, and if you desaturate by 10%, it is **29.6837, 0.4569, 0.2961**.

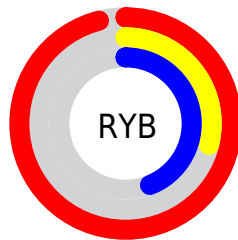
Distribution



Red (96%)

Green (29%)

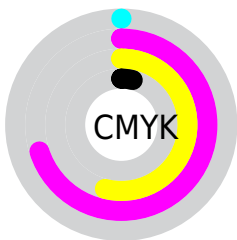
Blue (44%)



Red (96%)

Yellow (29%)

Blue (44%)

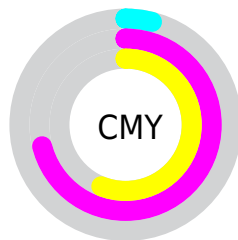


Cyan (0%)

Magenta (70%)

Yellow (54%)

Black (4%)



Cyan (4%)


Magenta (71%)


Yellow (56%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 25.3005, 0.4966, 0.2944 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 25.3005, 0.4966, 0.2944 by changing the saturation by 10% instead.

 25.3005, 0.4966,
0.2944


 25.3005, 0.4966,
0.2944


279.3312, 0.3955,
0.3173


 16.3011, 0.5244,
0.2866


 52.1443, 0.4579,
0.3042

 9.7375, 0.5612,
0.2752


 70.7575, 0.4439,
0.3074

 5.2252, 0.6115,
0.2578

 93.3440, 0.4323,
0.3100

 2.3800, 0.6824,
0.2291

 120.2883, 0.4226,
0.3120

 0.8156, 0.8138,
0.1862

 151.9748, 0.4143,
0.3137

 0.0000, 1.0000,
0.0000

188.7878, 0.4072,

 0.0000, 0.0000,

0.3151

0.0000

231.1118, 0.4010,
0.3163

■ 25.3005, 0.4966,
0.2944

■ 25.3005, 0.4966,
0.2944

■ 22.2715, 0.5372,
0.2961

■ 29.6837, 0.4569,
0.2961

■ 20.4314, 0.5744,
0.3017

■ 35.5525, 0.4209,
0.3001


■ 19.5257, 0.6039,
0.3103

■ 43.0273, 0.3900,
0.3056


■ 19.5013, 0.6048,
0.3106

■ 52.2151, 0.3643,
0.3116

■ 63.2136, 0.3432,
0.3177

 76.1130, 0.3261,
0.3236

 90.9976, 0.3123,
0.3292

 97.9703, 0.3060,
0.3290

Harmonies

Analogous

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



25.3005, 0.3881, 0.2310



25.3005, 0.4966, 0.2944



25.3005, 0.5378, 0.3664

Triad

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



25.3005, 0.4966, 0.2944



25.3005, 0.3177, 0.5470



25.3005, 0.1404, 0.1775

Complementary

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



25.3005, 0.4966, 0.2944



70.6065, 0.2483, 0.3786

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.



25.3005, 0.1292, 0.2261



25.3005, 0.4966, 0.2944



25.3005, 0.2195, 0.4667

Square

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



25.3005, 0.4966, 0.2944



25.3005, 0.4197, 0.5202



25.3005, 0.1532, 0.3278



25.3005, 0.1855, 0.1671

Rectangle

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



25.3005, 0.4966, 0.2944



25.3005, 0.5212, 0.4180



25.3005, 0.1532, 0.3278



25.3005, 0.1331, 0.1887

Sweetspot

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



25.3019, 0.4966, 0.2944



68.0684, 0.3459, 0.3169



24.3165, 0.2805, 0.1558



13.8221, 0.3514, 0.3152



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.



25.3019, 0.4966, 0.2944



23.5474, 0.5548, 0.2982



33.0030, 0.5096, 0.3723



16.5431, 0.3258, 0.3237



10.6221, 0.6011, 0.3085



0.9485, 0.5669, 0.2897

Inverse Universe

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



25.3019, 0.4966, 0.2944



23.5474, 0.5548, 0.2982



48.6802, 0.2181, 0.2688



16.5431, 0.3258, 0.3237



10.6221, 0.6011, 0.3085



0.9485, 0.5669, 0.2897

Previews

White Background



This preview shows how the Yxy color 25.3005, 0.4966, 0.2944 looks on a white background.

Color Contrast Check

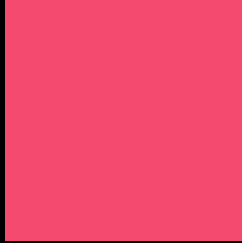
Large Text (above 18pt) WCAG AA ✓ Pass

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 25.3005, 0.4966, 0.2944 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

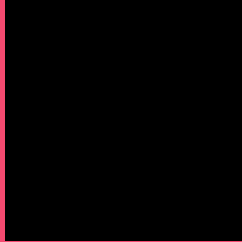
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 25.3005, 0.4966, 0.2944

Background



This preview shows how black text looks on a background with the Yxy color 25.3005, 0.4966, 0.2944.



This preview shows how white text looks on a background with the Yxy color 25.3005, 0.4966, 0.2944.

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

25.3005, 0.4966, 0.2944

Protanopia

25.3939, 0.3078, 0.3174

Deuteranopia

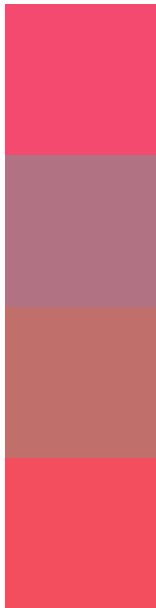
25.2885, 0.3816, 0.3732



Tritanopia

25.2547, 0.5306, 0.3261

Trichromacy



Original Color

25.3005, 0.4966, 0.2944

Protanomaly

23.0477, 0.3718, 0.3027

Deuteranomaly

23.6369, 0.4260, 0.3348

Tritanomaly

25.3116, 0.5194, 0.3152

Monochromacy



Original Color

25.3005, 0.4966, 0.2944

Achromatopsia

21.9526, 0.3127, 0.3290

Achromatomaly

21.0253, 0.3783, 0.3078

CSS Examples

Text

The CSS property to change the color of the text to Yxy 25.3005, 0.4966, 0.2944 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, 74, 112)` looks like.

```
.text, #text, p{  
    color:rgb(244, 74, 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(244, 74, 112) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(244, 74, 112) }
```

Border

The CSS property to change the border of an element to Yxy 25.3005, 0.4966, 0.2944 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, 74, 112) }
```

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

```
.border{ border-color:rgb(244, 74, 112) }
```

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

Here you see how a box with a 4 pixel `rgb(244, 74, 112)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(244, 74, 112); -webkit-box-  
shadow:4px 4px 4px 4px rgb(244, 74, 112);  
box-shadow:4px 4px 4px 4px rgb(244, 74,  
112) }
```


Background

The CSS property to change the background color of an element to Yxy 25.3005, 0.4966, 0.2944 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(244, 74, 112) }
```

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

```
.background{ background-color: rgb(244, 74,  
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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