

Converting Colors

$Y_{xy}(25.1759, 0.5185, 0.2915)$

Have a look what the booklet for
Yxy(25.1759, 0.5185, 0.2915)
contains.

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Color

Yxy(25.1759, 0.5185, 0.2915)

Conversions

Conversions Part 1

Format	Color
Hex	FD3C6B
RGB	253, 60, 107
RGB Percent	99%, 24%, 42%
CMY	0.0078, 0.7647, 0.5804
CMYK	0.00, 0.76, 0.58, 0.01
HSL	345°, 98%, 61%
HSV	345°, 76%, 99%
XYZ	44.7811, 25.1759, 16.4097
YIQ	123.0650, 99.9410, 55.5330

Conversions

Conversions Part 2

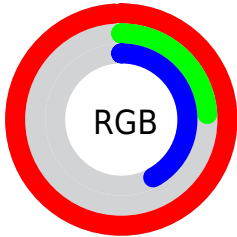
Format	Color
R_{YB}	253, 60, 107
Decimal	16596075
CIE _{Lab}	57.25, 73.35, 19.85
CIE _{LCh}	57, 75.987, 15.146
Yxy	25.1759, 0.5185, 0.2915
Android (android.graphics.Color)	4294786155 (0xFFFD3C6B)
YUV	123.0650, -7.9200, 113.9530
Hunter-Lab	50.1756, 71.5019, 15.7324

Details

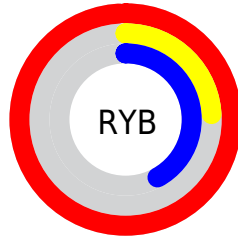
The Yxy color **25.1759, 0.5185, 0.2915** is a dark color, and the websafe version is hex **FF3366**. The color can be described as middle washed rose. A complement of this color would be **75.6748, 0.2478, 0.3895**, and the grayscale version is **19.8310, 0.3127, 0.3290**.

A 20% lighter version of the original color is **37.8945, 0.4219, 0.2933**, and **11.1451, 0.5704, 0.2916** is the 20% darker color. If you saturate the color by 10%, you get **22.7712, 0.5568, 0.2958**, and if you desaturate by 10%, it is **28.9382, 0.4786, 0.2912**.

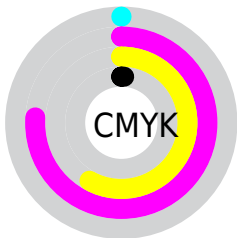
Distribution



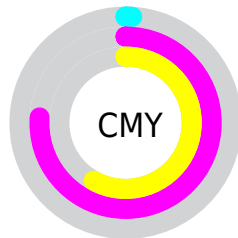
- Red (99%)
- Green (24%)
- Blue (42%)



- Red (99%)
- Yellow (24%)
- Blue (42%)



- Cyan (0%)
- Magenta (76%)
- Yellow (58%)
- Black (1%)





- Cyan (1%)
- Magenta (76%)
- Yellow (58%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 25.1759, 0.5185, 0.2915 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 25.1759, 0.5185, 0.2915 by changing the saturation by 10% instead.


 25.1759, 0.5185,
0.2915


 25.1759, 0.5185,
0.2915


278.7128, 0.4058,
0.3171


 16.2082, 0.5490,
0.2826


 51.9424, 0.4755,
0.3026


 9.6716, 0.5890,
0.2697


 70.5100, 0.4600,
0.3062

 5.1817, 0.6426,
0.2499

 93.0463, 0.4470,
0.3090

 2.3543, 0.7175,
0.2184

 119.9358, 0.4361,
0.3113

 0.8022, 0.8321,
0.1679

 151.5628, 0.4269,
0.3132

 0.0000, 1.0000,
0.0000

188.3117, 0.4189,

 0.0000, 0.0000,

0.3147

0.0000

230.5669, 0.4119,
0.3160

■ 25.1759, 0.5185,
0.2915

■ 25.1759, 0.5185,
0.2915

■ 22.7712, 0.5568,
0.2958

■ 28.9382, 0.4786,
0.2912

■ 21.5150, 0.5892,
0.3042


■ 34.2185, 0.4409,
0.2942


■ 21.2285, 0.5994,
0.3076

■ 41.1594, 0.4075,
0.2993

■ 49.8858, 0.3791,
0.3056

■ 60.5104, 0.3556,
0.3122

 73.1368, 0.3365,
0.3189

 87.8610, 0.3209,
0.3252

99.6249, 0.3115,
0.3290

Harmonies

Analogous

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



25.1759, 0.3996, 0.2245



25.1759, 0.5185, 0.2915



25.1759, 0.5579, 0.3668

Triad

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



25.1759, 0.5185, 0.2915



25.1759, 0.3099, 0.5715



25.1759, 0.1289, 0.1641

Complementary

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



25.1759, 0.5185, 0.2915



75.6748, 0.2478, 0.3895

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.



25.1759, 0.1156, 0.2125



25.1759, 0.5185, 0.2915



25.1759, 0.2057, 0.4789

Square

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



25.1759, 0.5185, 0.2915



25.1759, 0.4200, 0.5369



25.1759, 0.1379, 0.3208



25.1759, 0.1771, 0.1552

Rectangle

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



25.1759, 0.5185, 0.2915



25.1759, 0.5353, 0.4218



25.1759, 0.1379, 0.3208



25.1759, 0.1208, 0.1750

Sweetspot

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



25.1774, 0.5185, 0.2915



65.5828, 0.3489, 0.3144



23.2681, 0.2731, 0.1429



13.0999, 0.3564, 0.3120



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.



25.1774, 0.5185, 0.2915



22.3180, 0.5765, 0.3002



31.9884, 0.5389, 0.3690



18.0596, 0.3256, 0.3232



11.3107, 0.5956, 0.3054



1.1176, 0.5642, 0.2882

Inverse Universe

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



25.1774, 0.5185, 0.2915



22.3180, 0.5765, 0.3002



51.5995, 0.2136, 0.2664



18.0596, 0.3256, 0.3232



11.3107, 0.5956, 0.3054



1.1176, 0.5642, 0.2882

Previews

White Background



This preview shows how the Yxy color 25.1759, 0.5185, 0.2915 looks on a white background.

Color Contrast Check

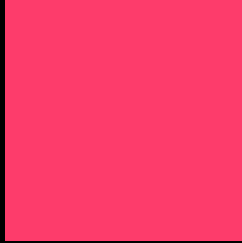
Large Text (above 18pt) WCAG AA ✓ Pass

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 25.1759, 0.5185, 0.2915 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 25.1759, 0.5185, 0.2915

Background



This preview shows how black text looks on a background with the Yxy color 25.1759, 0.5185, 0.2915.



This preview shows how white text looks on a background with the Yxy color 25.1759, 0.5185, 0.2915.

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

25.1759, 0.5185, 0.2915

Protanopia

25.3082, 0.3067, 0.3173

Deuteranopia

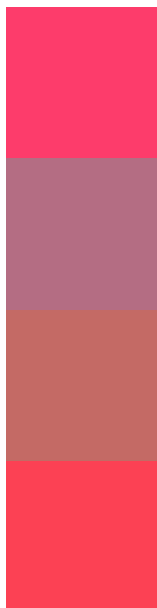
25.2769, 0.3897, 0.3823



Tritanopia

25.0984, 0.5610, 0.3275

Trichromacy



Original Color

25.1759, 0.5185, 0.2915

Protanomaly

22.2793, 0.3788, 0.2973

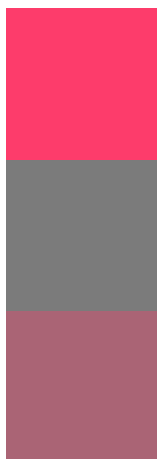
Deuteranomaly

22.9834, 0.4425, 0.3360

Tritanomaly

25.1161, 0.5476, 0.3152

Monochromacy



Original Color

25.1759, 0.5185, 0.2915

Achromatopsia

19.8069, 0.3127, 0.3290

Achromatomaly

18.9447, 0.3896, 0.3031

CSS Examples

Text

The CSS property to change the color of the text to Yxy 25.1759, 0.5185, 0.2915 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(253, 60, 107)` looks like.

```
.text, #text, p{  
    color:rgb(253, 60, 107)  
}
```

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(253, 60, 107) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(253, 60, 107) }
```

Border

The CSS property to change the border of an element to Yxy 25.1759, 0.5185, 0.2915 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(253, 60, 107) }
```

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

```
.border{ border-color:rgb(253, 60, 107) }
```

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

Here you see how a box with a 4 pixel rgb(253, 60, 107) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(253, 60, 107); -webkit-box-  
shadow:4px 4px 4px 4px rgb(253, 60, 107);  
box-shadow:4px 4px 4px 4px rgb(253, 60,  
107) }
```


Background

The CSS property to change the background color of an element to Yxy 25.1759, 0.5185, 0.2915 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(253, 60, 107) }
```

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

```
.background{ background-color: rgb(253, 60,  
107) }
```

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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