

Converting Colors

$Y_{xy}(25.2037, 0.5352, 0.3084)$

Have a look what the booklet for
Yxy(25.2037, 0.5352, 0.3084)
contains.

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Color

Yxy(25.1784, 0.5356, 0.3088)

Conversions

Conversions Part 1

Format	Color
Hex	FB425C
RGB	251, 66, 92
RGB Percent	98%, 26%, 36%
CMY	0.0156, 0.7413, 0.6392
CMYK	0.00, 0.74, 0.63, 0.02
HSL	352°, 96%, 62%
HSV	352°, 74%, 98%
XYZ	43.6708, 25.1784, 12.6870
YIQ	124.2790, 101.9140, 47.3060

Conversions

Conversions Part 2

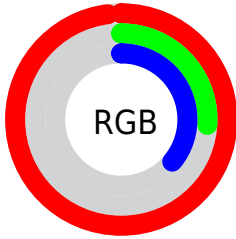
Format	Color
R_{YB}	251, 66, 92
Decimal	16466524
CIE Lab	57.25, 70.09, 28.61
CIE LCh	57, 75.707, 22.200
Yxy	25.1784, 0.5356, 0.3088
Android (android.graphics.Color)	4294656604 (0xFFFB425C)
YUV	124.2790, -15.9135, 111.1343
Hunter-Lab	50.1781, 67.5399, 20.1338

Details

The Yxy color **25.1784, 0.5356, 0.3088** is a dark color, and the websafe version is hex **FF3366**. The color can be described as middle washed red. A complement of this color would be **75.6019, 0.2407, 0.3616**, and the grayscale version is **20.2794, 0.3127, 0.3290**.

A 20% lighter version of the original color is **38.3917, 0.4393, 0.3140**, and **10.7700, 0.5928, 0.3039** is the 20% darker color. If you saturate the color by 10%, you get **22.5385, 0.5771, 0.3119**, and if you desaturate by 10%, it is **29.2141, 0.4913, 0.3083**.

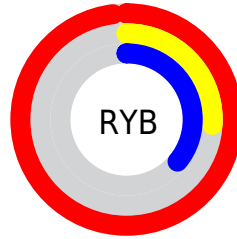
Distribution



Red (98%)

Green (26%)

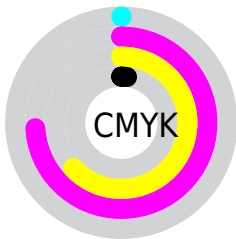
Blue (36%)



Red (98%)

Yellow (26%)

Blue (36%)

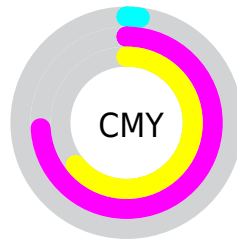


Cyan (0%)

Magenta (74%)

Yellow (63%)

Black (2%)



Cyan (2%)


Magenta (74%)

Yellow (64%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 25.1784, 0.5356, 0.3088 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 25.1784, 0.5356, 0.3088 by changing the saturation by 10% instead.


 25.1784, 0.5356,
0.3088


 25.1784, 0.5356,
0.3088


278.7252, 0.4139,
0.3275


 16.2100, 0.5678,
0.3007


 51.9465, 0.4896,
0.3180


 9.6729, 0.6094,
0.2882


 70.5150, 0.4728,
0.3207


 5.1826, 0.6637,
0.2680

 93.0523, 0.4588,
0.3227

 2.3548, 0.7522,
0.2397

 119.9429, 0.4470,
0.3242

 0.8025, 0.8240,
0.1760

 151.5710, 0.4369,
0.3254

 0.0000, 1.0000,
0.0000

188.3212, 0.4282,

 0.0000, 0.0000,

0.3263

0.0000

230.5778, 0.4206,
0.3270

■ 25.1784, 0.5356,
0.3088

■ 25.1784, 0.5356,
0.3088

■ 22.5385, 0.5771,
0.3119

■ 29.2141, 0.4913,
0.3083

■ 21.0982, 0.6098,
0.3175


■ 34.7990, 0.4493,
0.3099

■ 20.6370, 0.6244,
0.3213


■ 42.0709, 0.4122,
0.3129

■ 51.1514, 0.3809,
0.3165

■ 62.1507, 0.3553,
0.3203

 75.1702, 0.3347,
0.3241

 90.3043, 0.3180,
0.3277

 99.2537, 0.3103,
0.3290

Harmonies

Analogous

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



25.1784, 0.4312, 0.2393



25.1784, 0.5356, 0.3088



25.1784, 0.5531, 0.3857

Triad

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



25.1784, 0.5356, 0.3088



25.1784, 0.2841, 0.5612



25.1784, 0.1373, 0.1595

Complementary

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



25.1784, 0.5356, 0.3088



75.6019, 0.2407, 0.3616

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.



25.1784, 0.1163, 0.1971



25.1784, 0.5356, 0.3088



25.1784, 0.1860, 0.4414

Square

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



25.1784, 0.5356, 0.3088



25.1784, 0.3948, 0.5523



25.1784, 0.1295, 0.2893



25.1784, 0.1949, 0.1580

Rectangle

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



25.1784, 0.5356, 0.3088



25.1784, 0.5197, 0.4422



25.1784, 0.1295, 0.2893



25.1784, 0.1266, 0.1673

Sweetspot

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



25.1799, 0.5356, 0.3088



66.5558, 0.3515, 0.3210



26.5901, 0.2929, 0.1562



13.5195, 0.3577, 0.3200



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.



25.1799, 0.5356, 0.3088



22.5690, 0.5928, 0.3141



37.0697, 0.5107, 0.3875



17.2650, 0.3272, 0.3257



10.8576, 0.6215, 0.3198



1.0173, 0.5939, 0.3045

Inverse Universe

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



25.1799, 0.5356, 0.3088



22.5690, 0.5928, 0.3141



43.3496, 0.2090, 0.2431



17.2650, 0.3272, 0.3257



10.8576, 0.6215, 0.3198



1.0173, 0.5939, 0.3045

Previews

White Background



This preview shows how the Yxy color 25.1784, 0.5356, 0.3088 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 25.1784, 0.5356, 0.3088 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 25.1784, 0.5356, 0.3088

Background



This preview shows how black text looks on a background with the Yxy color 25.1784, 0.5356, 0.3088.



This preview shows how white text looks on a background with the Yxy color 25.1784, 0.5356, 0.3088.

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

25.1784, 0.5356, 0.3088

Protanopia

25.2258, 0.3365, 0.3543

Deuteranopia

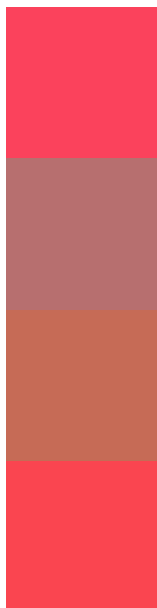
25.0726, 0.4107, 0.4021



Tritanopia

25.1854, 0.5567, 0.3275

Trichromacy



Original Color

25.1784, 0.5356, 0.3088

Protanomaly

22.5839, 0.4095, 0.3293

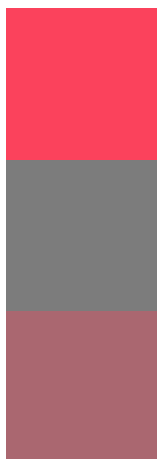
Deuteranomaly

23.1930, 0.4643, 0.3562

Tritanomaly

25.1594, 0.5489, 0.3212

Monochromacy



Original Color

25.1784, 0.5356, 0.3088

Achromatopsia

20.1556, 0.3127, 0.3290

Achromatomaly

19.4164, 0.3956, 0.3154

CSS Examples

Text

The CSS property to change the color of the text to Yxy 25.1784, 0.5356, 0.3088 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(251, 66, 92)` looks like.

```
.text, #text, p{  
    color:rgb(251, 66, 92)  
}
```

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(251, 66, 92) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(251, 66, 92) }
```

Border

The CSS property to change the border of an element to Yxy 25.1784, 0.5356, 0.3088 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(251, 66, 92) }
```

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

```
.border{ border-color:rgb(251, 66, 92) }
```

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

Here you see how a box with a 4 pixel `rgb(251, 66, 92)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(251, 66, 92); -webkit-box-  
shadow:4px 4px 4px 4px rgb(251, 66, 92);  
box-shadow:4px 4px 4px 4px rgb(251, 66,  
92) }
```


Background

The CSS property to change the background color of an element to Yxy 25.1784, 0.5356, 0.3088 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(251, 66, 92) }
```

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

```
.background{ background-color: rgb(251, 66,  
92) }
```

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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