

Converting Colors

$Yxy(26.2412, 0.5054, 0.3146)$

Have a look what the booklet for
Yxy(26.2412, 0.5054, 0.3146)
contains.

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Color

Yxy(26.2943, 0.5058, 0.3154)

Conversions

Conversions Part 1

Format	Color
Hex	F25564
RGB	242, 85, 100
RGB Percent	95%, 33%, 39%
CMY	0.0510, 0.6666, 0.6079
CMYK	0.00, 0.65, 0.59, 0.05
HSL	354°, 86%, 64%
HSV	354°, 65%, 95%
XYZ	42.1676, 26.2943, 14.9062
YIQ	133.6530, 88.7570, 37.9490

Conversions

Conversions Part 2

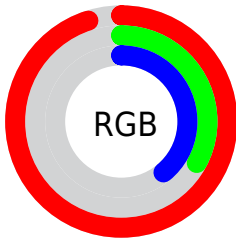
Format	Color
R_{YB}	242, 85, 100
Decimal	15881572
CIE _{Lab}	58.32, 61.02, 25.05
CIE _{LCh}	58, 65.962, 22.321
Yxy	26.2943, 0.5058, 0.3154
Android (android.graphics.Color)	4294071652 (0xFFFF25564)
YUV	133.6530, -16.5909, 95.0203
Hunter-Lab	51.2780, 57.0501, 18.6593

Details

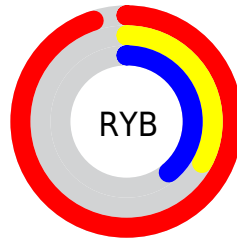
The Yxy color **26.2943, 0.5058, 0.3154** is a dark color, and the websafe version is hex **FF6666**. The color can be described as middle muted rose. A complement of this color would be **70.9860, 0.2418, 0.3477**, and the grayscale version is **23.7445, 0.3127, 0.3290**.

A 20% lighter version of the original color is **42.8404, 0.4219, 0.3199**, and **10.3402, 0.5709, 0.3000** is the 20% darker color. If you saturate the color by 10%, you get **22.7462, 0.5513, 0.3162**, and if you desaturate by 10%, it is **31.2615, 0.4613, 0.3162**.

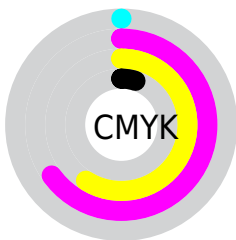
Distribution



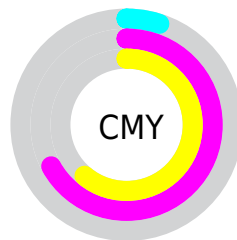
- Red (95%)
- Green (33%)
- Blue (39%)



- Red (95%)
- Yellow (33%)
- Blue (39%)



- Cyan (0%)
- Magenta (65%)
- Yellow (59%)
- Black (5%)





- Cyan (5%)
- Magenta (67%)
- Yellow (61%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 26.2943, 0.5058, 0.3154 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 26.2943, 0.5058, 0.3154 by changing the saturation by 10% instead.


 26.2943, 0.5058,
0.3154


 26.2943, 0.5058,
0.3154


284.2238, 0.4003,
0.3287


 17.0439, 0.5342,
0.3095


 53.7493, 0.4657,
0.3221


 10.2658, 0.5715,
0.3001


 72.7228, 0.4511,
0.3240

 5.5756, 0.6213,
0.2846


 95.7061, 0.4390,
0.3254

 2.5888, 0.6949,
0.2594

 123.0836, 0.4288,
0.3264

 0.9210, 0.7901,
0.2099

155.2398, 0.4201,
0.3272

 0.0000, 1.0000,
0.0000


192.5589, 0.4126,

 0.0000, 0.0000,


0.3278


0.0000


235.4255, 0.4060,
0.3283


 26.2943, 0.5058,
0.3154


 26.2943, 0.5058,
0.3154


 22.7462, 0.5513,
0.3162


 31.2615, 0.4613,
0.3162

 20.4643, 0.5920,
0.3189


 37.7712, 0.4216,
0.3180


 19.2683, 0.6214,
0.3232


 45.9386, 0.3879,
0.3203


 18.9404, 0.6313,
0.3252

 55.8666, 0.3603,
0.3229

 67.6498, 0.3380,
0.3254

 81.3760, 0.3201,
0.3279

 97.1275, 0.3058,
0.3301

 97.6181, 0.3048,
0.3290

Harmonies

Analogous

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



26.2943, 0.4160, 0.2507



26.2943, 0.5058, 0.3154



26.2943, 0.5251, 0.3871

Triad

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



26.2943, 0.5058, 0.3154



26.2943, 0.2921, 0.5241



26.2943, 0.1554, 0.1778

Complementary

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



26.2943, 0.5058, 0.3154



70.9860, 0.2418, 0.3477

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.



26.2943, 0.1359, 0.2141



26.2943, 0.5058, 0.3154



26.2943, 0.2032, 0.4240

Square

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



26.2943, 0.5058, 0.3154



26.2943, 0.3916, 0.5261



26.2943, 0.1498, 0.2972



26.2943, 0.2092, 0.1756

Rectangle

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



26.2943, 0.5058, 0.3154



26.2943, 0.4992, 0.4378



26.2943, 0.1498, 0.2972



26.2943, 0.1453, 0.1856

Sweetspot

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



26.2958, 0.5058, 0.3154



70.3798, 0.3467, 0.3244



29.1270, 0.3041, 0.1746



14.2577, 0.3532, 0.3236



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.



26.2958, 0.5058, 0.3154



24.6072, 0.5658, 0.3169



40.6528, 0.4724, 0.3934



15.7833, 0.3278, 0.3268



10.1831, 0.6291, 0.3239



0.8554, 0.6053, 0.3108

Inverse Universe

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



26.2958, 0.5058, 0.3154



24.6072, 0.5658, 0.3169



40.6651, 0.2157, 0.2441



15.7833, 0.3278, 0.3268



10.1831, 0.6291, 0.3239



0.8554, 0.6053, 0.3108

Previews

White Background



This preview shows how the Yxy color 26.2943, 0.5058, 0.3154 looks on a white background.

Color Contrast Check

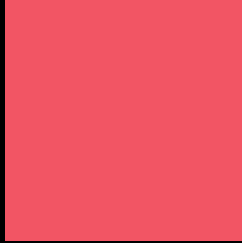
Large Text (above 18pt) WCAG AA ✓ Pass

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 26.2943, 0.5058, 0.3154 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 26.2943, 0.5058, 0.3154

Background



This preview shows how black text looks on a background with the Yxy color 26.2943, 0.5058, 0.3154.



This preview shows how white text looks on a background with the Yxy color 26.2943, 0.5058, 0.3154.

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

26.2943, 0.5058, 0.3154

Protanopia

26.4399, 0.3360, 0.3538

Deuteranopia

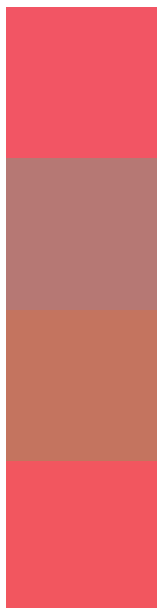
26.2579, 0.4011, 0.3927



Tritanopia

26.3055, 0.5159, 0.3240

Trichromacy



Original Color

26.2943, 0.5058, 0.3154

Protanomaly

24.6390, 0.3965, 0.3350

Deuteranomaly

25.0528, 0.4430, 0.3571

Tritanomaly

26.3590, 0.5119, 0.3212

Monochromacy



Original Color

26.2943, 0.5058, 0.3154

Achromatopsia

23.8398, 0.3127, 0.3290

Achromatomaly

22.7802, 0.3793, 0.3201

CSS Examples

Text

The CSS property to change the color of the text to Yxy 26.2943, 0.5058, 0.3154 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, 85, 100)` looks like.

```
.text, #text, p{  
    color:rgb(242, 85, 100)  
}
```

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, 85, 100) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(242, 85, 100) }
```

Border

The CSS property to change the border of an element to Yxy 26.2943, 0.5058, 0.3154 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, 85, 100) }
```

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

```
.border{ border-color:rgb(242, 85, 100) }
```

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

Here you see how a box with a 4 pixel `rgb(242, 85, 100)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(242, 85, 100); -webkit-box-  
shadow:4px 4px 4px 4px rgb(242, 85, 100);  
box-shadow:4px 4px 4px 4px rgb(242, 85,  
100) }
```


Background

The CSS property to change the background color of an element to $\text{Yxy } 26.2943, 0.5058, 0.3154$ is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(242, 85, 100) }
```

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

```
.background{ background-color: rgb(242, 85,  
100) }
```

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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