

Converting Colors

$Y_{xy}(27.3835, 0.5123, 0.3240)$

Have a look what the booklet for
Yxy(27.3835, 0.5123, 0.3240)
contains.

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Color

Yxy(27.3835, 0.5123, 0.3240)

Conversions

Conversions Part 1

Format	Color
Hex	F5595F
RGB	245, 89, 95
RGB Percent	96%, 35%, 37%
CMY	0.0392, 0.6510, 0.6274
CMYK	0.00, 0.64, 0.61, 0.04
HSL	358°, 89%, 65%
HSV	358°, 64%, 96%
XYZ	43.2980, 27.3835, 13.8354
YIQ	136.3280, 91.0500, 34.9380

Conversions

Conversions Part 2

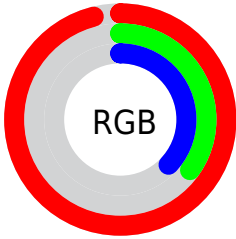
Format	Color
R_{YB}	245, 89, 95
Decimal	16079199
CIE _{Lab}	59.33, 60.03, 29.33
CIE _{LCh}	59, 66.814, 26.036
Yxy	27.3835, 0.5123, 0.3240
Android (android.graphics.Color)	4294269279 (0xFFFF5595F)
YUV	136.3280, -20.3747, 95.3053
Hunter-Lab	52.3292, 56.1175, 20.9547

Details

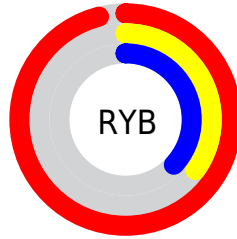
The Yxy color **27.3835, 0.5123, 0.3240** is a dark color, and the websafe version is hex **FF6666**. The color can be described as middle muted red. A complement of this color would be **73.6662, 0.2389, 0.3362**, and the grayscale version is **24.8028, 0.3127, 0.3290**.

A 20% lighter version of the original color is **43.8621, 0.4266, 0.3304**, and **10.8201, 0.5776, 0.3098** is the 20% darker color. If you saturate the color by 10%, you get **23.5982, 0.5593, 0.3245**, and if you desaturate by 10%, it is **32.6575, 0.4658, 0.3242**.

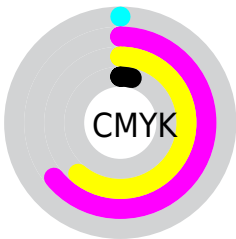
Distribution



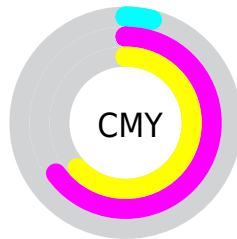
- Red (96%)
- Green (35%)
- Blue (37%)



- Red (96%)
- Yellow (35%)
- Blue (37%)



- Cyan (0%)
- Magenta (64%)
- Yellow (61%)
- Black (4%)





- Cyan (4%)
- Magenta (65%)
- Yellow (63%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 27.3835, 0.5123, 0.3240 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 27.3835, 0.5123, 0.3240 by changing the saturation by 10% instead.

 27.3835, 0.5123,
0.3240


 27.3835, 0.5123,
0.3240


289.5092, 0.4041,
0.3336


 17.8615, 0.5409,
0.3187


 55.4987, 0.4715,
0.3295


 10.8506, 0.5779,
0.3100


 74.8605, 0.4566,
0.3310

 5.9664, 0.6266,
0.2951

 98.2712, 0.4441,
0.3319

 2.8247, 0.7010,
0.2721

 126.1149, 0.4336,
0.3326

 1.0409, 0.7797,
0.2203

158.7762, 0.4247,
0.3330

 0.0000, 1.0000,
0.0000


196.6394, 0.4169,


 0.0000, 0.0000,

0.3333

0.0000

240.0890, 0.4101,
0.3335


 27.3835, 0.5123,
0.3240

 27.3835, 0.5123,
0.3240


 23.5982, 0.5593,
0.3245


 32.6575, 0.4658,
0.3242


 21.1443, 0.6001,
0.3257


 39.5476, 0.4242,
0.3248


 19.8377, 0.6276,
0.3276


 48.1727, 0.3890,
0.3257

 19.4353, 0.6372,
0.3284

 58.6395, 0.3602,
0.3267

 71.0458, 0.3370,
0.3277

 85.4828, 0.3185,
0.3287

 98.1545, 0.3066,
0.3290

Harmonies

Analogous

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



27.3835, 0.4297, 0.2582



27.3835, 0.5123, 0.3240



27.3835, 0.5222, 0.3964

Triad

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



27.3835, 0.5123, 0.3240



27.3835, 0.2800, 0.5165



27.3835, 0.1602, 0.1760

Complementary

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



27.3835, 0.5123, 0.3240



73.6662, 0.2389, 0.3362

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.



27.3835, 0.1367, 0.2074



27.3835, 0.5123, 0.3240



27.3835, 0.1944, 0.4075

Square

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



27.3835, 0.5123, 0.3240



27.3835, 0.3796, 0.5306



27.3835, 0.1462, 0.2841



27.3835, 0.2186, 0.1774

Rectangle

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



27.3835, 0.5123, 0.3240



27.3835, 0.4916, 0.4472



27.3835, 0.1462, 0.2841



27.3835, 0.1487, 0.1823

Sweetspot

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



27.3850, 0.5123, 0.3240



70.2428, 0.3488, 0.3272



31.7779, 0.3120, 0.1801



14.2254, 0.3557, 0.3269



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.



27.3850, 0.5123, 0.3240



25.0447, 0.5703, 0.3247



45.0016, 0.4621, 0.4007



16.4929, 0.3288, 0.3281



10.4737, 0.6360, 0.3278



0.9241, 0.6259, 0.3222

Inverse Universe

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



27.3850, 0.5123, 0.3240



25.0447, 0.5703, 0.3247



39.3005, 0.2146, 0.2349



16.4929, 0.3288, 0.3281



10.4737, 0.6360, 0.3278



0.9241, 0.6259, 0.3222

Previews

White Background



This preview shows how the Yxy color 27.3835, 0.5123, 0.3240 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 27.3835, 0.5123, 0.3240 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 27.3835, 0.5123, 0.3240

Background



This preview shows how black text looks on a background with the Yxy color 27.3835, 0.5123, 0.3240.



This preview shows how white text looks on a background with the Yxy color 27.3835, 0.5123, 0.3240.

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

27.3835, 0.5123, 0.3240

Protanopia

27.5322, 0.3471, 0.3697

Deuteranopia

27.4637, 0.4090, 0.4026



Tritanopia

27.3654, 0.5136, 0.3250

Trichromacy



Original Color

27.3835, 0.5123, 0.3240

Protanomaly

25.6060, 0.4062, 0.3478

Deuteranomaly

26.3132, 0.4492, 0.3681

Tritanomaly

27.3654, 0.5136, 0.3250

Monochromacy



Original Color

27.3835, 0.5123, 0.3240

Achromatopsia

24.6201, 0.3127, 0.3290

Achromatomaly

23.8042, 0.3831, 0.3262

CSS Examples

Text

The CSS property to change the color of the text to Yxy 27.3835, 0.5123, 0.3240 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(245, 89, 95)` looks like.

```
.text, #text, p{  
    color:rgb(245, 89, 95)  
}
```

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(245, 89, 95) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(245, 89, 95) }
```

Border

The CSS property to change the border of an element to Yxy 27.3835, 0.5123, 0.3240 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(245, 89, 95) }
```

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

```
.border{ border-color:rgb(245, 89, 95) }
```

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

Here you see how a box with a 4 pixel rgb(245, 89, 95) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(245, 89, 95); -webkit-box-  
shadow:4px 4px 4px 4px rgb(245, 89, 95);  
box-shadow:4px 4px 4px 4px rgb(245, 89,  
95) }
```


Background

The CSS property to change the background color of an element to Yxy 27.3835, 0.5123, 0.3240 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(245, 89, 95) }
```

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

```
.background{ background-color: rgb(245, 89,  
95) }
```

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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