

Converting Colors

$Y_{xy}(25.9083, 0.5195, 0.3189)$

Have a look what the booklet for
Yxy(25.9083, 0.5195, 0.3189)
contains.

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Color

Yxy(25.9083, 0.5196, 0.3188)

Conversions

Conversions Part 1

Format	Color
Hex	F4515D
RGB	244, 81, 93
RGB Percent	96%, 32%, 36%
CMY	0.0431, 0.6823, 0.6353
CMYK	0.00, 0.67, 0.62, 0.04
HSL	356°, 88%, 64%
HSV	356°, 67%, 96%
XYZ	42.2270, 25.9083, 13.1329
YIQ	131.1050, 93.2960, 38.2880

Conversions

Conversions Part 2

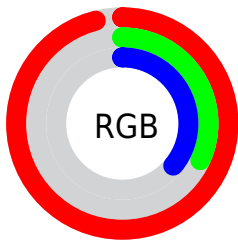
Format	Color
R_{YB}	244, 81, 93
Decimal	16011613
CIE Lab	57.95, 62.77, 28.68
CIE LCh	58, 69.016, 24.557
Yxy	25.9083, 0.5196, 0.3188
Android (android.graphics.Color)	4294201693 (0xFFFF4515D)
YUV	131.1050, -18.7858, 99.0089
Hunter-Lab	50.9002, 59.0088, 20.3325

Details

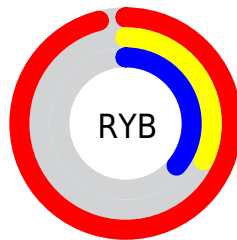
The Yxy color **25.9083, 0.5196, 0.3188** is a dark color, and the websafe version is hex **FF6666**. The color can be described as middle muted red. A complement of this color would be **72.2775, 0.2393, 0.3438**, and the grayscale version is **22.7817, 0.3127, 0.3290**.

A 20% lighter version of the original color is **41.4201, 0.4327, 0.3242**, and **10.0724, 0.5889, 0.3028** is the 20% darker color. If you saturate the color by 10%, you get **22.5682, 0.5651, 0.3199**, and if you desaturate by 10%, it is **30.6717, 0.4737, 0.3191**.

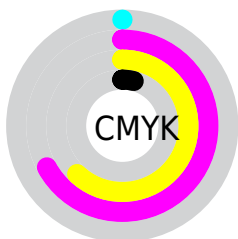
Distribution



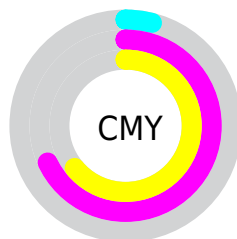
- Red (96%)
- Green (32%)
- Blue (36%)



- Red (96%)
- Yellow (32%)
- Blue (36%)



- Cyan (0%)
- Magenta (67%)
- Yellow (62%)
- Black (4%)





- Cyan (4%)
- Magenta (68%)
- Yellow (64%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 25.9083, 0.5196, 0.3188 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 25.9083, 0.5196, 0.3188 by changing the saturation by 10% instead.


 25.9083, 0.5196,
0.3188


 25.9083, 0.5196,
0.3188


282.3316, 0.4067,
0.3315


 16.7551, 0.5497,
0.3125


 53.1270, 0.4768,
0.3256


 10.0600, 0.5887,
0.3024


 71.9612, 0.4612,
0.3275

 5.4388, 0.6401,
0.2854

 94.7912, 0.4483,
0.3288

 2.5069, 0.7229,
0.2607

 122.0014, 0.4373,
0.3297

 0.8801, 0.7981,
0.2019

153.9761, 0.4280,
0.3304

 0.0000, 1.0000,
0.0000

191.0998, 0.4199,

 0.0000, 0.0000,

0.3309

0.0000

233.7568, 0.4129,
0.3312

■ 25.9083, 0.5196,
0.3188

■ 25.9083, 0.5196,
0.3188

■ 22.5682, 0.5651,
0.3199

■ 30.6717, 0.4737,
0.3191

■ 20.4892, 0.6036,
0.3224

■ 36.9889, 0.4318,
0.3203


■ 19.4737, 0.6288,
0.3259

■ 44.9802, 0.3960,
0.3220


■ 19.2767, 0.6340,
0.3267

■ 54.7534, 0.3665,
0.3239

■ 66.4068, 0.3426,
0.3259

 80.0319, 0.3235,
0.3278

 95.7139, 0.3082,
0.3295

 97.9731, 0.3060,
0.3290

Harmonies

Analogous

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



25.9083, 0.4297, 0.2517



25.9083, 0.5196, 0.3188



25.9083, 0.5324, 0.3928

Triad

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



25.9083, 0.5196, 0.3188



25.9083, 0.2820, 0.5312



25.9083, 0.1524, 0.1706

Complementary

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



25.9083, 0.5196, 0.3188



72.2775, 0.2393, 0.3438

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.



25.9083, 0.1299, 0.2044



25.9083, 0.5196, 0.3188



25.9083, 0.1921, 0.4187

Square

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



25.9083, 0.5196, 0.3188



25.9083, 0.3854, 0.5380



25.9083, 0.1409, 0.2862



25.9083, 0.2104, 0.1710

Rectangle

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



25.9083, 0.5196, 0.3188



25.9083, 0.5012, 0.4457



25.9083, 0.1409, 0.2862



25.9083, 0.1412, 0.1775

Sweetspot

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



25.9098, 0.5196, 0.3188



68.9877, 0.3498, 0.3253



29.3100, 0.3064, 0.1726



13.9852, 0.3564, 0.3247



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.



25.9098, 0.5196, 0.3188



24.0212, 0.5793, 0.3206



41.2976, 0.4764, 0.3972



16.5023, 0.3282, 0.3273



10.4888, 0.6322, 0.3257



0.9286, 0.6138, 0.3155

Inverse Universe

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



25.9098, 0.5196, 0.3188



24.0212, 0.5793, 0.3206



39.3663, 0.2125, 0.2372



16.5023, 0.3282, 0.3273



10.4888, 0.6322, 0.3257



0.9286, 0.6138, 0.3155

Previews

White Background



This preview shows how the Yxy color 25.9083, 0.5196, 0.3188 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 25.9083, 0.5196, 0.3188 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 25.9083, 0.5196, 0.3188

Background



This preview shows how black text looks on a background with the Yxy color 25.9083, 0.5196, 0.3188.



This preview shows how white text looks on a background with the Yxy color 25.9083, 0.5196, 0.3188.

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

25.9083, 0.5196, 0.3188

Protanopia

25.9763, 0.3438, 0.3640

Deuteranopia

25.8660, 0.4094, 0.4013



Tritanopia

25.9558, 0.5268, 0.3252

Trichromacy



Original Color

25.9083, 0.5196, 0.3188

Protanomaly

24.0061, 0.4068, 0.3423

Deuteranomaly

24.4750, 0.4534, 0.3633

Tritanomaly

25.9890, 0.5242, 0.3234

Monochromacy



Original Color

25.9083, 0.5196, 0.3188

Achromatopsia

22.6966, 0.3127, 0.3290

Achromatomaly

21.8653, 0.3861, 0.3231

CSS Examples

Text

The CSS property to change the color of the text to Yxy 25.9083, 0.5196, 0.3188 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, 81, 93)` looks like.

```
.text, #text, p{  
    color:rgb(244, 81, 93)  
}
```

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, 81, 93) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(244, 81, 93) }
```

Border

The CSS property to change the border of an element to Yxy 25.9083, 0.5196, 0.3188 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, 81, 93) }
```

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

```
.border{ border-color:rgb(244, 81, 93) }
```

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

Here you see how a box with a 4 pixel rgb(244, 81, 93) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(244, 81, 93); -webkit-box-  
shadow:4px 4px 4px 4px rgb(244, 81, 93);  
box-shadow:4px 4px 4px 4px rgb(244, 81,  
93) }
```


Background

The CSS property to change the background color of an element to Yxy 25.9083, 0.5196, 0.3188 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(244, 81, 93) }
```

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

```
.background{ background-color: rgb(244, 81,  
93) }
```

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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