

Converting Colors

$Yxy(25.8230, 0.5240, 0.3211)$

Have a look what the booklet for
Yxy(25.8230, 0.5240, 0.3211)
contains.

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Color

Yxy(25.8561, 0.5236, 0.3216)

Conversions

Conversions Part 1

Format	Color
Hex	F4515A
RGB	244, 81, 90
RGB Percent	96%, 32%, 35%
CMY	0.0431, 0.6823, 0.6470
CMYK	0.00, 0.67, 0.63, 0.04
HSL	357°, 88%, 64%
HSV	357°, 67%, 96%
XYZ	42.0966, 25.8561, 12.4457
YIQ	130.7630, 94.2590, 37.3550

Conversions

Conversions Part 2

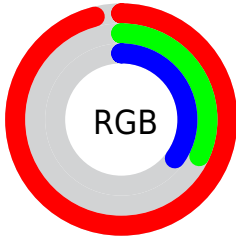
Format	Color
R_{YB}	244, 81, 90
Decimal	16011610
CIE Lab	57.90, 62.59, 30.35
CIE LCh	58, 69.565, 25.869
Yxy	25.8561, 0.5236, 0.3216
Android (android.graphics.Color)	4294201690 (0xFFFF4515A)
YUV	130.7630, -20.0962, 99.3088
Hunter-Lab	50.8489, 58.7902, 21.0825

Details

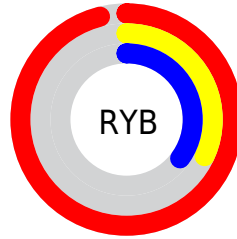
The Yxy color **25.8561, 0.5236, 0.3216** is a dark color, and the websafe version is hex **FF6666**. The color can be described as middle muted red. A complement of this color would be **72.4499, 0.2381, 0.3400**, and the grayscale version is **22.6574, 0.3127, 0.3290**.

A 20% lighter version of the original color is **41.3304, 0.4360, 0.3273**, and **10.0490, 0.5942, 0.3057** is the 20% darker color. If you saturate the color by 10%, you get **22.5256, 0.5693, 0.3225**, and if you desaturate by 10%, it is **30.6133, 0.4770, 0.3217**.

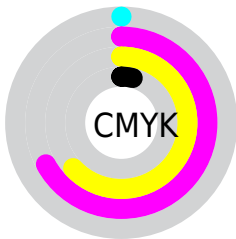
Distribution



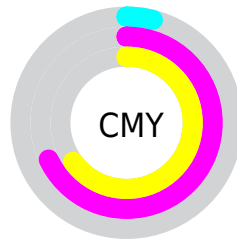
- Red (96%)
- Green (32%)
- Blue (35%)



- Red (96%)
- Yellow (32%)
- Blue (35%)



- Cyan (0%)
- Magenta (67%)
- Yellow (63%)
- Black (4%)





- Cyan (4%)
- Magenta (68%)
- Yellow (65%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 25.8561, 0.5236, 0.3216 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 25.8561, 0.5236, 0.3216 by changing the saturation by 10% instead.

 25.8561, 0.5236,
0.3216


 25.8561, 0.5236,
0.3216


282.0750, 0.4087,
0.3333


 16.7160, 0.5541,
0.3154


 53.0427, 0.4802,
0.3282

 10.0322, 0.5934,
0.3052


 71.8580, 0.4643,
0.3299


 5.4203, 0.6448,
0.2878


 94.6672, 0.4511,
0.3311

 2.4959, 0.7320,
0.2643

 121.8547, 0.4399,
0.3319

 0.8746, 0.7979,
0.2021

 153.8048, 0.4304,
0.3325

 0.0000, 1.0000,
0.0000


190.9019, 0.4221,


 0.0000, 0.0000,


0.3329


0.0000


233.5305, 0.4150,
0.3331


 25.8561, 0.5236,
0.3216


 25.8561, 0.5236,
0.3216


 22.5256, 0.5693,
0.3225


 30.6133, 0.4770,
0.3217


 20.4586, 0.6072,
0.3245


 36.9283, 0.4343,
0.3226


 19.4563, 0.6311,
0.3272

 44.9223, 0.3977,
0.3238

 19.2635, 0.6359,
0.3277

 54.7032, 0.3675,
0.3252

 66.3701, 0.3432,
0.3267

 80.0148, 0.3237,
0.3281

 95.7229, 0.3081,
0.3294

 97.9732, 0.3060,
0.3290

Harmonies

Analogous

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



25.8561, 0.4358, 0.2539



25.8561, 0.5236, 0.3216



25.8561, 0.5327, 0.3962

Triad

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



25.8561, 0.5236, 0.3216



25.8561, 0.2771, 0.5302



25.8561, 0.1531, 0.1690

Complementary

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



25.8561, 0.5236, 0.3216



72.4499, 0.2381, 0.3400

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.



25.8561, 0.1291, 0.2010



25.8561, 0.5236, 0.3216



25.8561, 0.1879, 0.4132

Square

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



25.8561, 0.5236, 0.3216



25.8561, 0.3810, 0.5414



25.8561, 0.1385, 0.2809



25.8561, 0.2131, 0.1707

Rectangle

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



25.8561, 0.5236, 0.3216



25.8561, 0.4994, 0.4496



25.8561, 0.1385, 0.2809



25.8561, 0.1414, 0.1754

Sweetspot

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



25.8576, 0.5236, 0.3216



68.9417, 0.3505, 0.3262



29.7641, 0.3091, 0.1738



13.9744, 0.3573, 0.3258



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.



25.8576, 0.5236, 0.3216



23.9783, 0.5834, 0.3231



42.1667, 0.4739, 0.4000



16.4973, 0.3285, 0.3277



10.4804, 0.6343, 0.3268



0.9262, 0.6201, 0.3190

Inverse Universe

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



25.8576, 0.5236, 0.3216



23.9783, 0.5834, 0.3231



38.3109, 0.2116, 0.2333



16.4973, 0.3285, 0.3277



10.4804, 0.6343, 0.3268



0.9262, 0.6201, 0.3190

Previews

White Background



This preview shows how the Yxy color 25.8561, 0.5236, 0.3216 looks on a white background.

Color Contrast Check

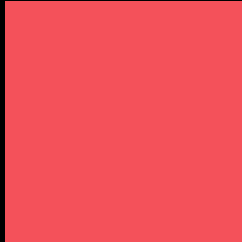
Large Text (above 18pt) WCAG AA ✓ Pass

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 25.8561, 0.5236, 0.3216 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 25.8561, 0.5236, 0.3216

Background



This preview shows how black text looks on a background with the Yxy color 25.8561, 0.5236, 0.3216.



This preview shows how white text looks on a background with the Yxy color 25.8561, 0.5236, 0.3216.

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

25.8561, 0.5236, 0.3216

Protanopia

25.9760, 0.3492, 0.3705

Deuteranopia

25.9303, 0.4138, 0.4051



Tritanopia

25.9396, 0.5281, 0.3261

Trichromacy



Original Color

25.8561, 0.5236, 0.3216

Protanomaly

24.0441, 0.4133, 0.3480

Deuteranomaly

24.5608, 0.4582, 0.3668

Tritanomaly

25.9558, 0.5268, 0.3252

Monochromacy



Original Color

25.8561, 0.5236, 0.3216

Achromatopsia

22.6966, 0.3127, 0.3290

Achromatomaly

21.8419, 0.3875, 0.3247

CSS Examples

Text

The CSS property to change the color of the text to Yxy 25.8561, 0.5236, 0.3216 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, 90)` looks like.

```
.text, #text, p{  
  color:rgb(244, 81, 90)  
}
```

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, 90) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(244, 81, 90) }
```

Border

The CSS property to change the border of an element to Yxy 25.8561, 0.5236, 0.3216 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, 90) }
```

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

```
.border{ border-color:rgb(244, 81, 90) }
```

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, 90)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(244, 81, 90); -webkit-box-  
shadow:4px 4px 4px 4px rgb(244, 81, 90);  
box-shadow:4px 4px 4px 4px rgb(244, 81,  
90) }
```


Background

The CSS property to change the background color of an element to Yxy 25.8561, 0.5236, 0.3216 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, 90) }
```

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

```
.background{ background-color: rgb(244, 81,  
90) }
```

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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