

Converting Colors

$Yxy(25.8044, 0.5074, 0.3159)$

Have a look what the booklet for
Yxy(25.8044, 0.5074, 0.3159)
contains.

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Color

Yxy(25.7478, 0.5075, 0.3163)

Conversions

Conversions Part 1

Format	Color
Hex	F05462
RGB	240, 84, 98
RGB Percent	94%, 33%, 38%
CMY	0.0588, 0.6706, 0.6158
CMYK	0.00, 0.65, 0.59, 0.06
HSL	355°, 84%, 64%
HSV	355°, 65%, 94%
XYZ	41.3121, 25.7478, 14.3432
YIQ	132.2400, 88.4820, 37.4260

Conversions

Conversions Part 2

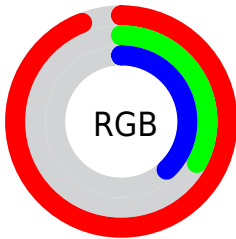
Format	Color
R_{YB}	240, 84, 98
Decimal	15750242
CIE _{Lab}	57.80, 60.66, 25.47
CIE _{LCh}	58, 65.789, 22.780
Yxy	25.7478, 0.5075, 0.3163
Android (android.graphics.Color)	4293940322 (0xFFFF05462)
YUV	132.2400, -16.8803, 94.5055
Hunter-Lab	50.7423, 56.5276, 18.7602

Details

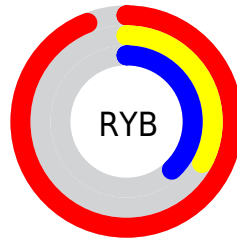
The Yxy color **25.7478, 0.5075, 0.3163** is a dark color, and the websafe version is hex **FF6666**. The color can be described as middle muted rose. A complement of this color would be **69.7034, 0.2414, 0.3466**, and the grayscale version is **23.2037, 0.3127, 0.3290**.

A 20% lighter version of the original color is **42.4797, 0.4246, 0.3210**, and **10.0270, 0.5740, 0.3008** is the 20% darker color. If you saturate the color by 10%, you get **22.2823, 0.5531, 0.3171**, and if you desaturate by 10%, it is **30.6045, 0.4628, 0.3170**.

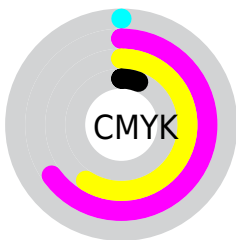
Distribution



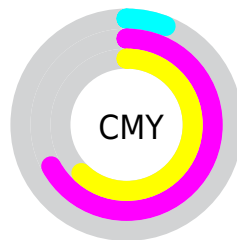
- Red (94%)
- Green (33%)
- Blue (38%)



- Red (94%)
- Yellow (33%)
- Blue (38%)



- Cyan (0%)
- Magenta (65%)
- Yellow (59%)
- Black (6%)



- Cyan (6%)
- Magenta (67%)
- Yellow (62%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 25.7478, 0.5075, 0.3163 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 25.7478, 0.5075, 0.3163 by changing the saturation by 10% instead.


 25.7478, 0.5075,
0.3163


 25.7478, 0.5075,
0.3163


281.5418, 0.4007,
0.3293


 16.6351, 0.5364,
0.3103


 52.8678, 0.4668,
0.3229


 9.9746, 0.5741,
0.3008


 71.6439, 0.4521,
0.3248

 5.3821, 0.6248,
0.2849

 94.4098, 0.4398,
0.3262

 2.4732, 0.7018,
0.2599

 121.5501, 0.4295,
0.3272

 0.8632, 0.7930,
0.2070

153.4490, 0.4207,
0.3279

 0.0000, 1.0000,
0.0000

190.4910, 0.4131,


 0.0000, 0.0000,

0.3285


0.0000

233.0605, 0.4065,
0.3289


 25.7478, 0.5075,
0.3163

 25.7478, 0.5075,
0.3163


 22.2823, 0.5531,
0.3171


 30.6045, 0.4628,
0.3170


 20.0577, 0.5937,
0.3197


 36.9737, 0.4227,
0.3186


 18.8965, 0.6226,
0.3238


 44.9686, 0.3887,
0.3208


 18.5831, 0.6321,
0.3256

 54.6903, 0.3609,
0.3232

 66.2318, 0.3384,
0.3256

 79.6792, 0.3203,
0.3279

 95.1133, 0.3059,
0.3300

 97.2670, 0.3035,
0.3290

Harmonies

Analogous

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



25.7478, 0.4181, 0.2513



25.7478, 0.5075, 0.3163



25.7478, 0.5256, 0.3883

Triad

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



25.7478, 0.5075, 0.3163



25.7478, 0.2904, 0.5243



25.7478, 0.1555, 0.1770

Complementary

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



25.7478, 0.5075, 0.3163



69.7034, 0.2414, 0.3466

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.



25.7478, 0.1354, 0.2128



25.7478, 0.5075, 0.3163



25.7478, 0.2016, 0.4224

Square

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



25.7478, 0.5075, 0.3163



25.7478, 0.3903, 0.5274



25.7478, 0.1488, 0.2953



25.7478, 0.2100, 0.1753

Rectangle

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



25.7478, 0.5075, 0.3163



25.7478, 0.4989, 0.4391



25.7478, 0.1488, 0.2953



25.7478, 0.1452, 0.1846

Sweetspot

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



25.7493, 0.5075, 0.3163



69.0279, 0.3492, 0.3244



28.5453, 0.3041, 0.1744



13.9946, 0.3557, 0.3237



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.



25.7493, 0.5075, 0.3163



24.5915, 0.5672, 0.3178



39.8498, 0.4727, 0.3934



15.7818, 0.3279, 0.3269



10.1798, 0.6300, 0.3244



0.8547, 0.6072, 0.3119

Inverse Universe

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



25.7493, 0.5075, 0.3163



24.5915, 0.5672, 0.3178



39.8610, 0.2156, 0.2440



15.7818, 0.3279, 0.3269



10.1798, 0.6300, 0.3244



0.8547, 0.6072, 0.3119

Previews

White Background



This preview shows how the Yxy color 25.7478, 0.5075, 0.3163 looks on a white background.

Color Contrast Check

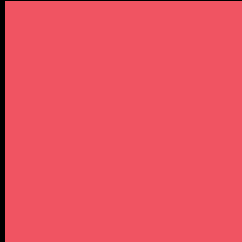
Large Text (above 18pt) WCAG AA ✓ Pass

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 25.7478, 0.5075, 0.3163 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 25.7478, 0.5075, 0.3163

Background



This preview shows how black text looks on a background with the Yxy color 25.7478, 0.5075, 0.3163.



This preview shows how white text looks on a background with the Yxy color 25.7478, 0.5075, 0.3163.

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

25.7478, 0.5075, 0.3163

Protanopia

25.9814, 0.3383, 0.3573

Deuteranopia

25.8381, 0.4028, 0.3945



Tritanopia

25.7604, 0.5176, 0.3250

Trichromacy



Original Color

25.7478, 0.5075, 0.3163

Protanomaly

24.0892, 0.3985, 0.3380

Deuteranomaly

24.5211, 0.4440, 0.3587

Tritanomaly

25.8126, 0.5136, 0.3221

Monochromacy



Original Color

25.7478, 0.5075, 0.3163

Achromatopsia

23.0740, 0.3127, 0.3290

Achromatomaly

22.2755, 0.3799, 0.3216

CSS Examples

Text

The CSS property to change the color of the text to Yxy 25.7478, 0.5075, 0.3163 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(240, 84, 98)` looks like.

```
.text, #text, p{  
    color:rgb(240, 84, 98)  
}
```

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(240, 84, 98) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(240, 84, 98) }
```

Border

The CSS property to change the border of an element to Yxy 25.7478, 0.5075, 0.3163 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(240, 84, 98) }
```

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

```
.border{ border-color:rgb(240, 84, 98) }
```

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

Here you see how a box with a 4 pixel `rgb(240, 84, 98)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(240, 84, 98); -webkit-box-  
shadow:4px 4px 4px 4px rgb(240, 84, 98);  
box-shadow:4px 4px 4px 4px rgb(240, 84,  
98) }
```


Background

The CSS property to change the background color of an element to Yxy 25.7478, 0.5075, 0.3163 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(240, 84, 98) }
```

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

```
.background{ background-color: rgb(240, 84,  
98) }
```

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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