

Converting Colors

Yxy(24.7862, 0.5047, 0.3193)

Have a look what the booklet for
Yxy(24.7862, 0.5047, 0.3193)
contains.

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Color

Yxy(24.8156, 0.5057, 0.3198)

Conversions

Conversions Part 1

Format	Color
Hex	EA555F
RGB	234, 85, 95
RGB Percent	92%, 33%, 37%
CMY	0.0824, 0.6666, 0.6276
CMYK	0.00, 0.64, 0.59, 0.08
HSL	356°, 78%, 63%
HSV	356°, 64%, 92%
XYZ	39.2409, 24.8156, 13.5407
YIQ	130.6910, 85.5940, 34.6980

Conversions

Conversions Part 2

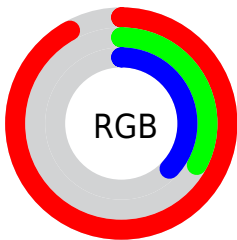
Format	Color
R_{YB}	234, 85, 95
Decimal	15357279
CIE _{Lab}	56.90, 58.11, 25.85
CIE _{LCh}	57, 63.597, 23.985
Yxy	24.8156, 0.5057, 0.3198
Android (android.graphics.Color)	4293547359 (0xFFEA555F)
YUV	130.6910, -17.5957, 90.6020
Hunter-Lab	49.8153, 53.4329, 18.7545

Details

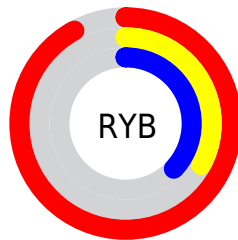
The Yxy color **24.8156, 0.5057, 0.3198** is a dark color, and the websafe version is hex **FF6666**. The color can be described as middle muted red. A complement of this color would be **66.1536, 0.2408, 0.3416**, and the grayscale version is **22.6249, 0.3127, 0.3290**.

A 20% lighter version of the original color is **42.3541, 0.4290, 0.3252**, and **9.4927, 0.5727, 0.3051** is the 20% darker color. If you saturate the color by 10%, you get **21.3778, 0.5521, 0.3204**, and if you desaturate by 10%, it is **29.5851, 0.4605, 0.3203**.

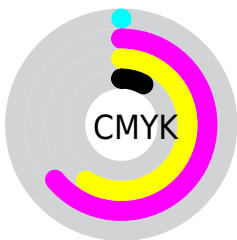
Distribution



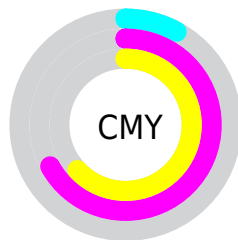
- Red (92%)
- Green (33%)
- Blue (37%)



- Red (92%)
- Yellow (33%)
- Blue (37%)



- Cyan (0%)
- Magenta (64%)
- Yellow (59%)
- Black (8%)





- Cyan (8%)
- Magenta (67%)
- Yellow (63%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 24.8156, 0.5057, 0.3198 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 24.8156, 0.5057, 0.3198 by changing the saturation by 10% instead.


 24.8156, 0.5057,
0.3198


 24.8156, 0.5057,
0.3198


276.9184, 0.3993,
0.3310


 15.9397, 0.5347,
0.3142


 51.3579, 0.4650,
0.3258

 9.4815, 0.5728,
0.3050


 69.7931, 0.4503,
0.3274

 5.0566, 0.6241,
0.2892

 92.1836, 0.4381,
0.3286

 2.2805, 0.7076,
0.2657

 118.9137, 0.4278,
0.3294

 0.7634, 0.7934,
0.2066

150.3678, 0.4191,
0.3300

 0.0000, 1.0000,
0.0000

186.9304, 0.4116,

 0.0000, 0.0000,

0.3304

0.0000

228.9858, 0.4050,
0.3307

■ 24.8156, 0.5057,
0.3198

■ 24.8156, 0.5057,
0.3198

■ 21.3778, 0.5521,
0.3204

■ 29.5851, 0.4605,
0.3203

■ 19.1325, 0.5935,
0.3223

■ 35.7988, 0.4203,
0.3216


■ 17.9178, 0.6231,
0.3253


■ 43.5621, 0.3864,
0.3232


■ 17.5261, 0.6345,
0.3269

■ 52.9694, 0.3586,
0.3250

■ 64.1077, 0.3362,
0.3268

 77.0578, 0.3183,
0.3284

 91.8953, 0.3040,
0.3300

 96.2298, 0.2999,
0.3290

Harmonies

Analogous

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



24.8156, 0.4204, 0.2552



24.8156, 0.5057, 0.3198



24.8156, 0.5210, 0.3912

Triad

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



24.8156, 0.5057, 0.3198



24.8156, 0.2875, 0.5172



24.8156, 0.1594, 0.1789

Complementary

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



24.8156, 0.5057, 0.3198



66.1536, 0.2408, 0.3416

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.



24.8156, 0.1383, 0.2129



24.8156, 0.5057, 0.3198



24.8156, 0.2010, 0.4151

Square

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



24.8156, 0.5057, 0.3198



24.8156, 0.3859, 0.5252



24.8156, 0.1504, 0.2921



24.8156, 0.2148, 0.1783

Rectangle

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



24.8156, 0.5057, 0.3198



24.8156, 0.4936, 0.4413



24.8156, 0.1504, 0.2921



24.8156, 0.1488, 0.1860

Sweetspot

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



24.8170, 0.5057, 0.3198



70.3103, 0.3478, 0.3258



27.9032, 0.3070, 0.1781



14.2413, 0.3544, 0.3253



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.



24.8170, 0.5057, 0.3198



25.1151, 0.5640, 0.3208



39.0427, 0.4659, 0.3953



15.0703, 0.3282, 0.3275



9.8565, 0.6329, 0.3260



0.7797, 0.6142, 0.3157

Inverse Universe

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



24.8170, 0.5057, 0.3198



25.1151, 0.5640, 0.3208



37.3467, 0.2165, 0.2426



15.0703, 0.3282, 0.3275



9.8565, 0.6329, 0.3260



0.7797, 0.6142, 0.3157

Previews

White Background



This preview shows how the Yxy color 24.8156, 0.5057, 0.3198 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 24.8156, 0.5057, 0.3198 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 24.8156, 0.5057, 0.3198

Background



This preview shows how black text looks on a background with the Yxy color 24.8156, 0.5057, 0.3198.



This preview shows how white text looks on a background with the Yxy color 24.8156, 0.5057, 0.3198.

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

24.8156, 0.5057, 0.3198

Protanopia

25.1286, 0.3408, 0.3611

Deuteranopia

24.9365, 0.4028, 0.3956



Tritanopia

24.9033, 0.5105, 0.3247

Trichromacy



Original Color

24.8156, 0.5057, 0.3198

Protanomaly

23.4298, 0.3993, 0.3411

Deuteranomaly

23.7371, 0.4427, 0.3606

Tritanomaly

24.9207, 0.5091, 0.3237

Monochromacy



Original Color

24.8156, 0.5057, 0.3198

Achromatopsia

22.6966, 0.3127, 0.3290

Achromatomaly

21.6675, 0.3792, 0.3230

CSS Examples

Text

The CSS property to change the color of the text to Yxy 24.8156, 0.5057, 0.3198 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(234, 85, 95)` looks like.

```
.text, #text, p{  
    color:rgb(234, 85, 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(234, 85, 95) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(234, 85, 95) }
```

Border

The CSS property to change the border of an element to Yxy 24.8156, 0.5057, 0.3198 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(234, 85, 95) }
```

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

```
.border{ border-color:rgb(234, 85, 95) }
```

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

Here you see how a box with a 4 pixel `rgb(234, 85, 95)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(234, 85, 95); -webkit-box-  
shadow:4px 4px 4px 4px rgb(234, 85, 95);  
box-shadow:4px 4px 4px 4px rgb(234, 85,  
95) }
```


Background

The CSS property to change the background color of an element to Yxy 24.8156, 0.5057, 0.3198 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(234, 85, 95) }
```

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

```
.background{ background-color: rgb(234, 85,  
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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