

Converting Colors

$Yxy(25.9432, 0.5048, 0.3233)$

Have a look what the booklet for
Yxy(25.9432, 0.5048, 0.3233)
contains.

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Color

Yxy(25.9755, 0.5055, 0.3237)

Conversions

Conversions Part 1

Format	Color
Hex	ED595F
RGB	237, 89, 95
RGB Percent	93%, 35%, 37%
CMY	0.0706, 0.6510, 0.6274
CMYK	0.00, 0.62, 0.60, 0.07
HSL	358°, 80%, 64%
HSV	358°, 62%, 93%
XYZ	40.5641, 25.9755, 13.7059
YIQ	133.9360, 86.2820, 33.2420

Conversions

Conversions Part 2

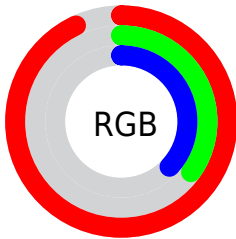
Format	Color
R_{YB}	237, 89, 95
Decimal	15554911
CIE Lab	58.01, 57.42, 27.38
CIE LCh	58, 63.615, 25.490
Yxy	25.9755, 0.5055, 0.3237
Android (android.graphics.Color)	4293744991 (0xFFED595F)
YUV	133.9360, -19.1954, 90.3871
Hunter-Lab	50.9662, 52.8780, 19.7319

Details

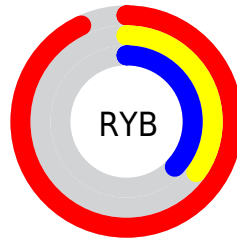
The Yxy color **25.9755, 0.5055, 0.3237** is a dark color, and the websafe version is hex **FF6666**. The color can be described as middle muted red. A complement of this color would be **68.4626, 0.2399, 0.3364**, and the grayscale version is **23.8650, 0.3127, 0.3290**.

A 20% lighter version of the original color is **43.5551, 0.4270, 0.3293**, and **10.1196, 0.5709, 0.3102** is the 20% darker color. If you saturate the color by 10%, you get **22.2921, 0.5526, 0.3241**, and if you desaturate by 10%, it is **31.0516, 0.4597, 0.3240**.

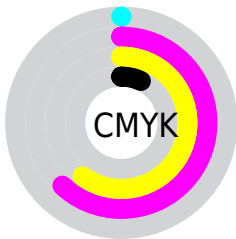
Distribution



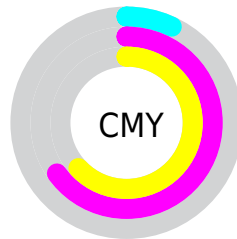
- Red (93%)
- Green (35%)
- Blue (37%)



- Red (93%)
- Yellow (35%)
- Blue (37%)



- Cyan (0%)
- Magenta (62%)
- Yellow (60%)
- Black (7%)





- Cyan (7%)
- Magenta (65%)
- Yellow (63%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 25.9755, 0.5055, 0.3237 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 25.9755, 0.5055, 0.3237 by changing the saturation by 10% instead.


 25.9755, 0.5055,
0.3237


 25.9755, 0.5055,
0.3237


282.6618, 0.4000,
0.3329


 16.8053, 0.5339,
0.3186


 53.2354, 0.4654,
0.3290


 10.0958, 0.5711,
0.3101


 72.0939, 0.4508,
0.3304

 5.4625, 0.6206,
0.2954


 94.9507, 0.4387,
0.3313

 2.5211, 0.6992,
0.2729

 122.1901, 0.4285,
0.3319

 0.8872, 0.7813,
0.2187

154.1965, 0.4198,
0.3323

 0.0000, 1.0000,
0.0000

191.3543, 0.4123,

 0.0000, 0.0000,

0.3326

0.0000

234.0479, 0.4057,
0.3328

■ 25.9755, 0.5055,
0.3237

■ 25.9755, 0.5055,
0.3237

■ 22.2921, 0.5526,
0.3241

■ 31.0516, 0.4597,
0.3240

■ 19.8592, 0.5947,
0.3253

■ 37.6356, 0.4190,
0.3247

■ 18.5126, 0.6245,
0.3272

■ 45.8356, 0.3847,
0.3257

■ 18.0259, 0.6369,
0.3282

■ 55.7489, 0.3568,
0.3267

■ 67.4649, 0.3344,
0.3278

 81.0666, 0.3165,
0.3288

 96.6323, 0.3022,
0.3297

 96.7449, 0.3017,
0.3290

Harmonies

Analogous

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



25.9755, 0.4243, 0.2591



25.9755, 0.5055, 0.3237



25.9755, 0.5173, 0.3948

Triad

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



25.9755, 0.5055, 0.3237



25.9755, 0.2834, 0.5110



25.9755, 0.1631, 0.1799

Complementary

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



25.9755, 0.5055, 0.3237



68.4626, 0.2399, 0.3364

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.



25.9755, 0.1405, 0.2118



25.9755, 0.5055, 0.3237



25.9755, 0.1992, 0.4074

Square

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



25.9755, 0.5055, 0.3237



25.9755, 0.3807, 0.5243



25.9755, 0.1508, 0.2878



25.9755, 0.2198, 0.1806

Rectangle

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



25.9755, 0.5055, 0.3237



25.9755, 0.4888, 0.4443



25.9755, 0.1508, 0.2878



25.9755, 0.1520, 0.1864

Sweetspot

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



25.9770, 0.5055, 0.3237



70.2475, 0.3487, 0.3271



30.0174, 0.3121, 0.1824



14.2265, 0.3556, 0.3268



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.



25.9770, 0.5055, 0.3237



25.3603, 0.5655, 0.3244



42.3703, 0.4581, 0.3997



15.0640, 0.3287, 0.3281



9.8459, 0.6357, 0.3276



0.7766, 0.6240, 0.3211

Inverse Universe

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



25.9770, 0.5055, 0.3237



25.3603, 0.5655, 0.3244



37.1395, 0.2163, 0.2373



15.0640, 0.3287, 0.3281



9.8459, 0.6357, 0.3276



0.7766, 0.6240, 0.3211

Previews

White Background



This preview shows how the Yxy color 25.9755, 0.5055, 0.3237 looks on a white background.

Color Contrast Check

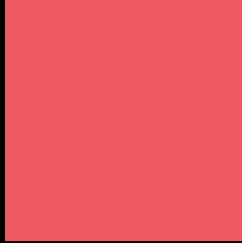
Large Text (above 18pt) WCAG AA ✓ Pass

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 25.9755, 0.5055, 0.3237 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 25.9755, 0.5055, 0.3237

Background



This preview shows how black text looks on a background with the Yxy color 25.9755, 0.5055, 0.3237.



This preview shows how white text looks on a background with the Yxy color 25.9755, 0.5055, 0.3237.

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

25.9755, 0.5055, 0.3237

Protanopia

26.3364, 0.3457, 0.3671

Deuteranopia

26.1898, 0.4055, 0.3985



Tritanopia

25.9755, 0.5055, 0.3237

Trichromacy



Original Color

25.9755, 0.5055, 0.3237

Protanomaly

24.4822, 0.4026, 0.3468

Deuteranomaly

25.1815, 0.4441, 0.3653

Tritanomaly

25.9755, 0.5055, 0.3237

Monochromacy



Original Color

25.9755, 0.5055, 0.3237

Achromatopsia

23.8398, 0.3127, 0.3290

Achromatomaly

22.9709, 0.3786, 0.3261

CSS Examples

Text

The CSS property to change the color of the text to Yxy 25.9755, 0.5055, 0.3237 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(237, 89, 95)` looks like.

```
.text, #text, p{  
  color:rgb(237, 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(237, 89, 95) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(237, 89, 95) }
```

Border

The CSS property to change the border of an element to Yxy 25.9755, 0.5055, 0.3237 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(237, 89, 95) }
```

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

```
.border{ border-color:rgb(237, 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(237, 89, 95) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(237, 89, 95); -webkit-box-  
shadow:4px 4px 4px 4px rgb(237, 89, 95);  
box-shadow:4px 4px 4px 4px rgb(237, 89,  
95) }
```


Background

The CSS property to change the background color of an element to Yxy 25.9755, 0.5055, 0.3237 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(237, 89, 95) }
```

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

```
.background{ background-color: rgb(237, 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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