

Converting Colors

$Yxy(26.8869, 0.5011, 0.3237)$

Have a look what the booklet for
Yxy(26.8869, 0.5011, 0.3237)
contains.

Yxy(26.8869, 0.5011, 0.3237)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(26.8869, 0.5011, 0.3237)

Conversions

Conversions Part 1

Format	Color
Hex	EF5C62
RGB	239, 92, 98
RGB Percent	94%, 36%, 38%
CMY	0.0629, 0.6391, 0.6157
CMYK	0.00, 0.61, 0.59, 0.06
HSL	358°, 82%, 65%
HSV	358°, 61%, 94%
XYZ	41.6220, 26.8869, 14.5523
YIQ	136.6370, 85.6860, 33.0300

Conversions

Conversions Part 2

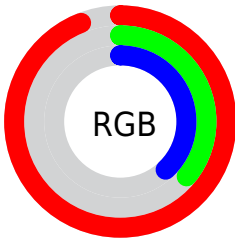
Format	Color
R_{YB}	239, 92, 98
Decimal	15686754
CIE _{Lab}	58.87, 56.98, 26.83
CIE _{LCh}	59, 62.979, 25.214
Yxy	26.8869, 0.5011, 0.3237
Android (android.graphics.Color)	4293876834 (0xFFEF5C62)
YUV	136.6370, -19.0480, 89.7724
Hunter-Lab	51.8526, 52.5395, 19.6572

Details

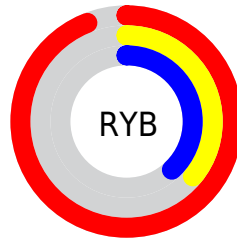
The Yxy color **26.8869, 0.5011, 0.3237** is a dark color, and the websafe version is hex **FF6666**. The color can be described as middle muted rose. A complement of this color would be **69.8778, 0.2405, 0.3363**, and the grayscale version is **24.9258, 0.3127, 0.3290**.

A 20% lighter version of the original color is **44.6097, 0.4213, 0.3283**, and **10.5750, 0.5644, 0.3102** is the 20% darker color. If you saturate the color by 10%, you get **23.0061, 0.5484, 0.3240**, and if you desaturate by 10%, it is **32.2001, 0.4556, 0.3240**.

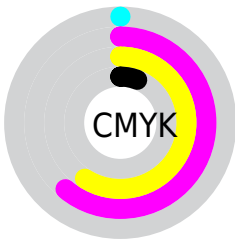
Distribution



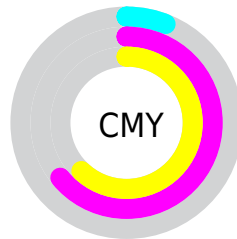
- Red (94%)
- Green (36%)
- Blue (38%)



- Red (94%)
- Yellow (36%)
- Blue (38%)



- Cyan (0%)
- Magenta (61%)
- Yellow (59%)
- Black (6%)





- Cyan (6%)
- Magenta (64%)
- Yellow (62%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 26.8869, 0.5011, 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 26.8869, 0.5011, 0.3237 by changing the saturation by 10% instead.


 26.8869, 0.5011,
0.3237


 26.8869, 0.5011,
0.3237


287.1091, 0.3984,
0.3326


 17.4883, 0.5287,
0.3189


 54.7023, 0.4621,
0.3287


 10.5832, 0.5646,
0.3109


 73.8879, 0.4479,
0.3301

 5.7873, 0.6127,
0.2971

 97.1047, 0.4362,
0.3310

 2.7162, 0.6849,
0.2747

 124.7369, 0.4262,
0.3316

 0.9854, 0.7735,
0.2265

157.1691, 0.4177,
0.3320

 0.0000, 1.0000,
0.0000


194.7856, 0.4104,


 0.0000, 0.0000,


0.3323


0.0000


237.9708, 0.4040,
0.3325

 26.8869, 0.5011,
0.3237


 26.8869, 0.5011,
0.3237


 23.0061, 0.5484,
0.3240


 32.2001, 0.4556,
0.3240


 20.4147, 0.5912,
0.3251


 39.0618, 0.4155,
0.3248

 18.9484, 0.6224,
0.3270


 47.5815, 0.3819,
0.3258

 18.3673, 0.6370,
0.3283

 57.8574, 0.3545,
0.3268

 69.9800, 0.3325,
0.3279

 84.0338, 0.3150,
0.3289

 97.0861, 0.3029,
0.3290

Harmonies

Analogous

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



26.8869, 0.4211, 0.2599



26.8869, 0.5011, 0.3237



26.8869, 0.5138, 0.3939

Triad

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



26.8869, 0.5011, 0.3237



26.8869, 0.2854, 0.5071



26.8869, 0.1651, 0.1825

Complementary

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



26.8869, 0.5011, 0.3237



69.8778, 0.2405, 0.3363

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.



26.8869, 0.1432, 0.2146



26.8869, 0.5011, 0.3237



26.8869, 0.2021, 0.4068

Square

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



26.8869, 0.5011, 0.3237



26.8869, 0.3811, 0.5202



26.8869, 0.1539, 0.2899



26.8869, 0.2209, 0.1829

Rectangle

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



26.8869, 0.5011, 0.3237



26.8869, 0.4865, 0.4424



26.8869, 0.1539, 0.2899



26.8869, 0.1542, 0.1892

Sweetspot

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



26.8884, 0.5011, 0.3237



71.6114, 0.3464, 0.3272



30.9841, 0.3121, 0.1840



14.4913, 0.3533, 0.3269



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.



26.8884, 0.5011, 0.3237



25.6855, 0.5610, 0.3243



43.6268, 0.4553, 0.3990



15.7692, 0.3287, 0.3281



10.1574, 0.6358, 0.3276



0.8486, 0.6246, 0.3215

Inverse Universe

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



26.8884, 0.5011, 0.3237



25.6855, 0.5610, 0.3243



38.3376, 0.2176, 0.2389



15.7692, 0.3287, 0.3281



10.1574, 0.6358, 0.3276



0.8486, 0.6246, 0.3215

Previews

White Background



This preview shows how the Yxy color 26.8869, 0.5011, 0.3237 looks on a white background.

Color Contrast Check

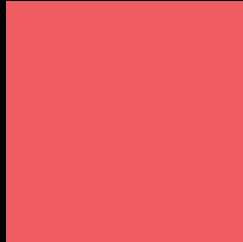
Large Text (above 18pt) WCAG AA ✓ Pass

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 26.8869, 0.5011, 0.3237 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

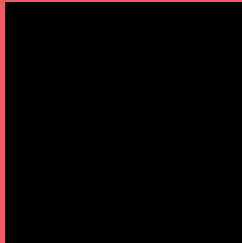
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 26.8869, 0.5011, 0.3237

Background



This preview shows how black text looks on a background with the Yxy color 26.8869, 0.5011, 0.3237.



This preview shows how white text looks on a background with the Yxy color 26.8869, 0.5011, 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

26.8869, 0.5011, 0.3237

Protanopia

27.1861, 0.3442, 0.3650

Deuteranopia

27.0216, 0.4032, 0.3964



Tritanopia

26.8869, 0.5011, 0.3237

Trichromacy



Original Color

26.8869, 0.5011, 0.3237

Protanomaly

25.5302, 0.3995, 0.3466

Deuteranomaly

25.9769, 0.4411, 0.3637

Tritanomaly

26.8869, 0.5011, 0.3237

Monochromacy



Original Color

26.8869, 0.5011, 0.3237

Achromatopsia

25.0158, 0.3127, 0.3290

Achromatomaly

24.1035, 0.3771, 0.3262

CSS Examples

Text

The CSS property to change the color of the text to Yxy 26.8869, 0.5011, 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(239, 92, 98)` looks like.

```
.text, #text, p{  
    color:rgb(239, 92, 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(239, 92, 98) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(239, 92, 98) }
```

Border

The CSS property to change the border of an element to Yxy 26.8869, 0.5011, 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(239, 92, 98) }
```

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

```
.border{ border-color:rgb(239, 92, 98) }
```

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

Here you see how a box with a 4 pixel rgb(239, 92, 98) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(239, 92, 98); -webkit-box-  
shadow:4px 4px 4px 4px rgb(239, 92, 98);  
box-shadow:4px 4px 4px 4px rgb(239, 92,  
98) }
```


Background

The CSS property to change the background color of an element to Yxy 26.8869, 0.5011, 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(239, 92, 98) }
```

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

```
.background{ background-color: rgb(239, 92,  
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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