

Converting Colors

$Y_{xy}(27.0163, 0.4868, 0.3189)$

Have a look what the booklet for
Yxy(27.0163, 0.4868, 0.3189)
contains.

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Color

Yxy(27.0372, 0.4869, 0.3193)

Conversions

Conversions Part 1

Format	Color
Hex	EC5F69
RGB	236, 95, 105
RGB Percent	93%, 37%, 41%
CMY	0.0746, 0.6273, 0.5882
CMYK	0.00, 0.60, 0.56, 0.07
HSL	356°, 79%, 65%
HSV	356°, 60%, 93%
XYZ	41.2290, 27.0372, 16.4103
YIQ	138.2990, 80.8260, 33.0020

Conversions

Conversions Part 2

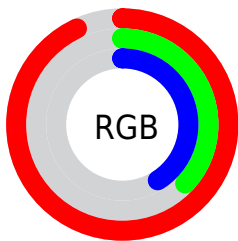
Format	Color
R_{YB}	236, 95, 105
Decimal	15490921
CIE _{Lab}	59.01, 55.18, 22.89
CIE _{LCh}	59, 59.739, 22.531
Yxy	27.0372, 0.4869, 0.3193
Android (android.graphics.Color)	4293681001 (0xFFEC5F69)
YUV	138.2990, -16.4164, 85.6838
Hunter-Lab	51.9973, 50.5384, 17.6862

Details

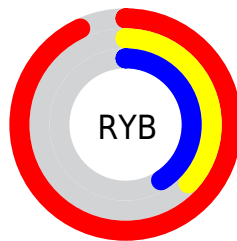
The Yxy color **27.0372, 0.4869, 0.3193** is a dark color, and the websafe version is hex **FF6666**. The color can be described as middle muted rose. A complement of this color would be **67.9045, 0.2436, 0.3415**, and the grayscale version is **25.5802, 0.3127, 0.3290**.

A 20% lighter version of the original color is **45.4730, 0.4130, 0.3230**, and **10.7426, 0.5471, 0.3077** is the 20% darker color. If you saturate the color by 10%, you get **23.0163, 0.5333, 0.3194**, and if you desaturate by 10%, it is **32.4645, 0.4435, 0.3202**.

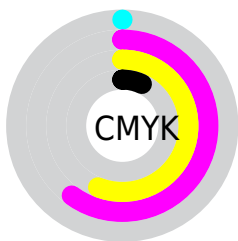
Distribution



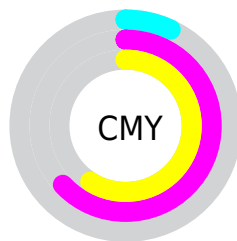
- Red (93%)
- Green (37%)
- Blue (41%)



- Red (93%)
- Yellow (37%)
- Blue (41%)



- Cyan (0%)
- Magenta (60%)
- Yellow (56%)
- Black (7%)





- Cyan (7%)
- Magenta (63%)
- Yellow (59%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 27.0372, 0.4869, 0.3193 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 27.0372, 0.4869, 0.3193 by changing the saturation by 10% instead.


 27.0372, 0.4869,
0.3193


 27.0372, 0.4869,
0.3193

287.8372, 0.3917,
0.3294


 17.6012, 0.5128,
0.3146


 54.9436, 0.4506,
0.3245


 10.6640, 0.5468,
0.3071


 74.1827, 0.4375,
0.3259

 5.8414, 0.5931,
0.2945

 97.4583, 0.4266,
0.3270

 2.7489, 0.6592,
0.2723

 125.1547, 0.4174,
0.3278

 1.0021, 0.7666,
0.2334

157.6564, 0.4096,
0.3284

 0.0000, 1.0000,
0.0000

195.3478, 0.4028,

 0.0000, 0.0000,

0.3288

0.0000

238.6133, 0.3969,
0.3291

■ 27.0372, 0.4869,
0.3193

■ 27.0372, 0.4869,
0.3193

■ 23.0163, 0.5333,
0.3194

■ 32.4645, 0.4435,
0.3202

■ 20.2680, 0.5775,
0.3208

■ 39.4073, 0.4058,
0.3218

■ 18.6401, 0.6126,
0.3236


■ 47.9691, 0.3745,
0.3236

■ 17.8844, 0.6338,
0.3267

■ 58.2428, 0.3491,
0.3255

■ 17.8688, 0.6342,
0.3267

■ 70.3145, 0.3287,
0.3273

 84.2646, 0.3123,
0.3290

 96.5692, 0.3011,
0.3290

Harmonies

Analogous

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



27.0372, 0.4067, 0.2583



27.0372, 0.4869, 0.3193



27.0372, 0.5061, 0.3868

Triad

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



27.0372, 0.4869, 0.3193



27.0372, 0.2960, 0.5012



27.0372, 0.1680, 0.1902

Complementary

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



27.0372, 0.4869, 0.3193



67.9045, 0.2436, 0.3415

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.



27.0372, 0.1496, 0.2250



27.0372, 0.4869, 0.3193



27.0372, 0.2138, 0.4129

Square

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



27.0372, 0.4869, 0.3193



27.0372, 0.3875, 0.5082



27.0372, 0.1634, 0.3014



27.0372, 0.2190, 0.1877

Rectangle

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



27.0372, 0.4869, 0.3193



27.0372, 0.4842, 0.4332



27.0372, 0.1634, 0.3014



27.0372, 0.1584, 0.1978

Sweetspot

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



27.0387, 0.4869, 0.3193



71.6810, 0.3454, 0.3258



30.1289, 0.3076, 0.1852



14.5078, 0.3520, 0.3252



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.



27.0387, 0.4869, 0.3193



26.4637, 0.5451, 0.3196



41.6873, 0.4536, 0.3926



15.0713, 0.3282, 0.3274



9.8584, 0.6324, 0.3257



0.7802, 0.6127, 0.3149

Inverse Universe

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



27.0387, 0.4869, 0.3193



26.4637, 0.5451, 0.3196



40.0322, 0.2215, 0.2489



15.0713, 0.3282, 0.3274



9.8584, 0.6324, 0.3257



0.7802, 0.6127, 0.3149

Previews

White Background



This preview shows how the Yxy color 27.0372, 0.4869, 0.3193 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 27.0372, 0.4869, 0.3193 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 27.0372, 0.4869, 0.3193

Background



This preview shows how black text looks on a background with the Yxy color 27.0372, 0.4869, 0.3193.



This preview shows how white text looks on a background with the Yxy color 27.0372, 0.4869, 0.3193.

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

27.0372, 0.4869, 0.3193

Protanopia

27.2679, 0.3357, 0.3535

Deuteranopia

27.0362, 0.3944, 0.3865



Tritanopia

27.1579, 0.4903, 0.3234

Trichromacy



Original Color

27.0372, 0.4869, 0.3193

Protanomaly

25.8229, 0.3889, 0.3379

Deuteranomaly

26.0837, 0.4294, 0.3563

Tritanomaly

27.1779, 0.4890, 0.3224

Monochromacy



Original Color

27.0372, 0.4869, 0.3193

Achromatopsia

25.4152, 0.3127, 0.3290

Achromatomaly

24.4241, 0.3729, 0.3232

CSS Examples

Text

The CSS property to change the color of the text to Yxy 27.0372, 0.4869, 0.3193 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(236, 95, 105)` looks like.

```
.text, #text, p{  
    color:rgb(236, 95, 105)  
}
```

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(236, 95, 105) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(236, 95, 105) }
```

Border

The CSS property to change the border of an element to Yxy 27.0372, 0.4869, 0.3193 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(236, 95, 105) }
```

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

```
.border{ border-color:rgb(236, 95, 105) }
```

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

Here you see how a box with a 4 pixel `rgb(236, 95, 105)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(236, 95, 105); -webkit-box-shadow:4px 4px 4px 4px rgb(236, 95, 105); box-shadow:4px 4px 4px 4px rgb(236, 95, 105) }
```


Background

The CSS property to change the background color of an element to Yxy 27.0372, 0.4869, 0.3193 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(236, 95, 105) }
```

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

```
.background{ background-color: rgb(236, 95,  
105) }
```

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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