

Converting Colors

$Y_{xy}(25.7158, 0.5113, 0.3286)$

Have a look what the booklet for
Yxy(25.7158, 0.5113, 0.3286)
contains.

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Color

Yxy(25.7158, 0.5113, 0.3286)

Conversions

Conversions Part 1

Format	Color
Hex	EC595A
RGB	236, 89, 90
RGB Percent	93%, 35%, 35%
CMY	0.0745, 0.6510, 0.6470
CMYK	0.00, 0.62, 0.62, 0.07
HSL	360°, 79%, 64%
HSV	360°, 62%, 93%
XYZ	40.0137, 25.7158, 12.5292
YIQ	133.0670, 87.2910, 31.4750

Conversions

Conversions Part 2

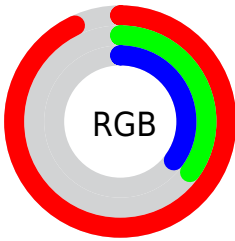
Format	Color
R_{YB}	236, 89, 90
Decimal	15489370
CIE _{Lab}	57.77, 56.78, 29.90
CIE _{LCh}	58, 64.173, 27.775
Yxy	25.7158, 0.5113, 0.3286
Android (android.graphics.Color)	4293679450 (0xFFEC595A)
YUV	133.0670, -21.2320, 90.2722
Hunter-Lab	50.7107, 52.1028, 20.8486

Details

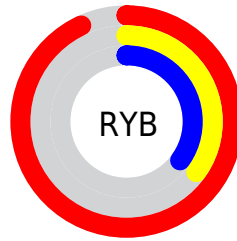
The Yxy color **25.7158, 0.5113, 0.3286** is a dark color, and the websafe version is hex **FF6666**. The color can be described as middle muted red. A complement of this color would be **68.1204, 0.2380, 0.3301**, and the grayscale version is **23.5360, 0.3127, 0.3290**.

A 20% lighter version of the original color is **43.4042, 0.4324, 0.3346**, and **9.9644, 0.5790, 0.3152** is the 20% darker color. If you saturate the color by 10%, you get **22.0611, 0.5591, 0.3288**, and if you desaturate by 10%, it is **30.7577, 0.4642, 0.3285**.

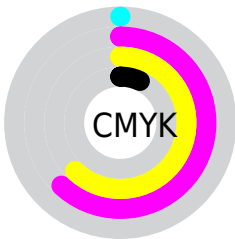
Distribution



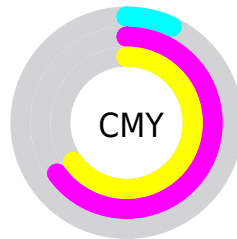
- Red (93%)
- Green (35%)
- Blue (35%)



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



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





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

Brightness & Saturation Gradients


These gradients show how the Yxy color 25.7158, 0.5113, 0.3286 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 25.7158, 0.5113, 0.3286 by changing the saturation by 10% instead.


 25.7158, 0.5113,
0.3286


 25.7158, 0.5113,
0.3286


281.3842, 0.4027,
0.3359


 16.6111, 0.5404,
0.3237


 52.8161, 0.4701,
0.3334

 9.9576, 0.5781,
0.3152


 71.5805, 0.4551,
0.3345


 5.3709, 0.6280,
0.3001

 94.3337, 0.4426,
0.3352

 2.4665, 0.7144,
0.2798

 121.4600, 0.4321,
0.3356

 0.8598, 0.7812,
0.2188

 153.3438, 0.4231,
0.3358

 0.0000, 1.0000,
0.0000


190.3695, 0.4153,


 0.0000, 0.0000,


0.3359

0.0000


232.9215, 0.4086,
0.3359


 25.7158, 0.5113,
0.3286

 25.7158, 0.5113,
0.3286


 22.0611, 0.5591,
0.3288


 30.7577, 0.4642,
0.3285


 19.6517, 0.6005,
0.3291


 37.3018, 0.4222,
0.3285


 18.3234, 0.6283,
0.3295

 45.4562, 0.3868,
0.3286


 17.8388, 0.6395,
0.3297

 55.3178, 0.3580,
0.3287

 66.9760, 0.3348,
0.3289

 80.5136, 0.3164,
0.3290

 96.0087, 0.3017,
0.3291

 96.5752, 0.3011,
0.3290

Harmonies

Analogous

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



25.7158, 0.4336, 0.2629



25.7158, 0.5113, 0.3286



25.7158, 0.5173, 0.4005

Triad

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



25.7158, 0.5113, 0.3286



25.7158, 0.2755, 0.5083



25.7158, 0.1648, 0.1775

Complementary

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



25.7158, 0.5113, 0.3286



68.1204, 0.2380, 0.3301

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.



25.7158, 0.1396, 0.2067



25.7158, 0.5113, 0.3286



25.7158, 0.1927, 0.3985

Square

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



25.7158, 0.5113, 0.3286



25.7158, 0.3736, 0.5287



25.7158, 0.1472, 0.2795



25.7158, 0.2247, 0.1805

Rectangle

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



25.7158, 0.5113, 0.3286



25.7158, 0.4855, 0.4506



25.7158, 0.1472, 0.2795



25.7158, 0.1527, 0.1832

Sweetspot

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



25.7172, 0.5113, 0.3286



70.1672, 0.3500, 0.3288



30.6192, 0.3170, 0.1849



14.2077, 0.3571, 0.3287



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.



25.7172, 0.5113, 0.3286



25.2811, 0.5726, 0.3289



43.7165, 0.4535, 0.4048



15.0557, 0.3292, 0.3289



9.8325, 0.6393, 0.3296



0.7727, 0.6373, 0.3284

Inverse Universe

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



25.7172, 0.5113, 0.3286



25.2811, 0.5726, 0.3289



35.0741, 0.2149, 0.2305



15.0557, 0.3292, 0.3289



9.8325, 0.6393, 0.3296



0.7727, 0.6373, 0.3284

Previews

White Background



This preview shows how the Yxy color 25.7158, 0.5113, 0.3286 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 25.7158, 0.5113, 0.3286 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 25.7158, 0.5113, 0.3286

Background



This preview shows how black text looks on a background with the Yxy color 25.7158, 0.5113, 0.3286.



This preview shows how white text looks on a background with the Yxy color 25.7158, 0.5113, 0.3286.

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

25.7158, 0.5113, 0.3286

Protanopia

25.9088, 0.3525, 0.3756

Deuteranopia

25.8346, 0.4116, 0.4041



Tritanopia

25.6205, 0.5067, 0.3237

Trichromacy



Original Color

25.7158, 0.5113, 0.3286

Protanomaly

24.3573, 0.4102, 0.3555

Deuteranomaly

24.7319, 0.4499, 0.3705

Tritanomaly

25.6026, 0.5080, 0.3247

Monochromacy



Original Color

25.7158, 0.5113, 0.3286

Achromatopsia

23.4551, 0.3127, 0.3290

Achromatomaly

22.5530, 0.3817, 0.3292

CSS Examples

Text

The CSS property to change the color of the text to Yxy 25.7158, 0.5113, 0.3286 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, 89, 90)` looks like.

```
.text, #text, p{  
    color:rgb(236, 89, 90)  
}
```

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, 89, 90) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(236, 89, 90) }
```

Border

The CSS property to change the border of an element to Yxy 25.7158, 0.5113, 0.3286 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, 89, 90) }
```

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

```
.border{ border-color:rgb(236, 89, 90) }
```

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

Here you see how a box with a 4 pixel rgb(236, 89, 90) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(236, 89, 90); -webkit-box-  
shadow:4px 4px 4px 4px rgb(236, 89, 90);  
box-shadow:4px 4px 4px 4px rgb(236, 89,  
90) }
```


Background

The CSS property to change the background color of an element to Yxy 25.7158, 0.5113, 0.3286 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(236, 89, 90) }
```

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

```
.background{ background-color: rgb(236, 89,  
90) }
```

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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