

Converting Colors

$Y_{xy}(25.7845, 0.5182, 0.3186)$

Have a look what the booklet for
Yxy(25.7845, 0.5182, 0.3186)
contains.

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Color

Yxy(25.7299, 0.5188, 0.3187)

Conversions

Conversions Part 1

Format	Color
Hex	F3515D
RGB	243, 81, 93
RGB Percent	95%, 32%, 36%
CMY	0.0470, 0.6824, 0.6352
CMYK	0.00, 0.67, 0.62, 0.05
HSL	356°, 87%, 64%
HSV	356°, 67%, 95%
XYZ	41.8848, 25.7299, 13.1193
YIQ	130.8060, 92.7000, 38.0760

Conversions

Conversions Part 2

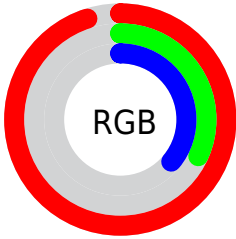
Format	Color
R_{YB}	243, 81, 93
Decimal	15946077
CIE _{Lab}	57.78, 62.47, 28.42
CIE _{LCh}	58, 68.635, 24.465
Yxy	25.7299, 0.5188, 0.3187
Android (android.graphics.Color)	4294136157 (0xFFFF3515D)
YUV	130.8060, -18.6384, 98.3941
Hunter-Lab	50.7246, 58.6243, 20.1727

Details

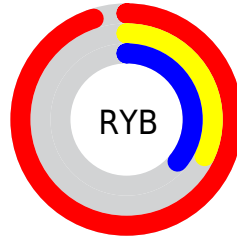
The Yxy color **25.7299, 0.5188, 0.3187** is a dark color, and the websafe version is hex **FF6666**. The color can be described as middle muted red. A complement of this color would be **71.6270, 0.2394, 0.3439**, and the grayscale version is **22.6670, 0.3127, 0.3290**.

A 20% lighter version of the original color is **41.4201, 0.4327, 0.3242**, and **9.9520, 0.5884, 0.3025** is the 20% darker color. If you saturate the color by 10%, you get **22.4017, 0.5643, 0.3197**, and if you desaturate by 10%, it is **30.4698, 0.4729, 0.3190**.

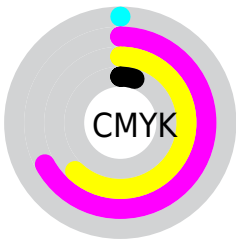
Distribution



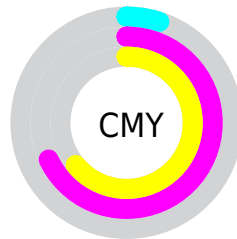
- Red (95%)
- Green (32%)
- Blue (36%)



- Red (95%)
- Yellow (32%)
- Blue (36%)



- Cyan (0%)
- Magenta (67%)
- Yellow (62%)
- Black (5%)




- Cyan (5%)
- Magenta (68%)
- Yellow (64%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 25.7299, 0.5188, 0.3187 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 25.7299, 0.5188, 0.3187 by changing the saturation by 10% instead.


 25.7299, 0.5188,
0.3187


 25.7299, 0.5188,
0.3187


281.4536, 0.4062,
0.3314


 16.6217, 0.5489,
0.3124


 52.8389, 0.4761,
0.3255


 9.9651, 0.5879,
0.3023


 71.6084, 0.4605,
0.3273

 5.3758, 0.6395,
0.2853

 94.3673, 0.4476,
0.3287

 2.4694, 0.7229,
0.2606

 121.4997, 0.4367,
0.3296

 0.8613, 0.7985,
0.2015

153.3901, 0.4274,
0.3303

 0.0000, 1.0000,
0.0000

190.4230, 0.4193,

 0.0000, 0.0000,

0.3307

0.0000

232.9827, 0.4123,
0.3311

■ 25.7299, 0.5188,
0.3187

■ 25.7299, 0.5188,
0.3187

■ 22.4017, 0.5643,
0.3197

■ 30.4698, 0.4729,
0.3190

■ 20.3248, 0.6029,
0.3223

■ 36.7500, 0.4312,
0.3202


■ 19.3052, 0.6284,
0.3258

■ 44.6898, 0.3955,
0.3219


■ 19.1010, 0.6340,
0.3266

■ 54.3956, 0.3661,
0.3239

■ 65.9646, 0.3423,
0.3259

 79.4873, 0.3233,
0.3278

 95.0481, 0.3080,
0.3296

 97.7971, 0.3054,
0.3290

Harmonies

Analogous

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



25.7299, 0.4290, 0.2518



25.7299, 0.5188, 0.3187



25.7299, 0.5319, 0.3926

Triad

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



25.7299, 0.5188, 0.3187



25.7299, 0.2825, 0.5306



25.7299, 0.1526, 0.1711

Complementary

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



25.7299, 0.5188, 0.3187



71.6270, 0.2394, 0.3439

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.



25.7299, 0.1303, 0.2049



25.7299, 0.5188, 0.3187



25.7299, 0.1927, 0.4188

Square

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



25.7299, 0.5188, 0.3187



25.7299, 0.3856, 0.5373



25.7299, 0.1414, 0.2868



25.7299, 0.2105, 0.1713

Rectangle

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



25.7299, 0.5188, 0.3187



25.7299, 0.5010, 0.4453



25.7299, 0.1414, 0.2868



25.7299, 0.1415, 0.1780

Sweetspot

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



25.7314, 0.5188, 0.3187



68.9893, 0.3498, 0.3252



29.0978, 0.3064, 0.1728



13.9856, 0.3564, 0.3247



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.



25.7314, 0.5188, 0.3187



24.0227, 0.5791, 0.3205



40.9883, 0.4759, 0.3971



16.5025, 0.3282, 0.3273



10.4891, 0.6322, 0.3256



0.9287, 0.6136, 0.3154

Inverse Universe

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



25.7314, 0.5188, 0.3187



24.0227, 0.5791, 0.3205



39.0775, 0.2127, 0.2374



16.5025, 0.3282, 0.3273



10.4891, 0.6322, 0.3256



0.9287, 0.6136, 0.3154

Previews

White Background



This preview shows how the Yxy color 25.7299, 0.5188, 0.3187 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 25.7299, 0.5188, 0.3187 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 25.7299, 0.5188, 0.3187

Background



This preview shows how black text looks on a background with the Yxy color 25.7299, 0.5188, 0.3187.



This preview shows how white text looks on a background with the Yxy color 25.7299, 0.5188, 0.3187.

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

25.7299, 0.5188, 0.3187

Protanopia

25.9763, 0.3438, 0.3640

Deuteranopia

25.8660, 0.4094, 0.4013



Tritanopia

25.7774, 0.5260, 0.3252

Trichromacy



Original Color

25.7299, 0.5188, 0.3187

Protanomaly

24.0061, 0.4068, 0.3423

Deuteranomaly

24.4750, 0.4534, 0.3633

Tritanomaly

25.8105, 0.5234, 0.3233

Monochromacy



Original Color

25.7299, 0.5188, 0.3187

Achromatopsia

22.6966, 0.3127, 0.3290

Achromatomaly

21.8653, 0.3861, 0.3231

CSS Examples

Text

The CSS property to change the color of the text to Yxy 25.7299, 0.5188, 0.3187 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(243, 81, 93)` looks like.

```
.text, #text, p{  
    color:rgb(243, 81, 93)  
}
```

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(243, 81, 93) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(243, 81, 93) }
```

Border

The CSS property to change the border of an element to Yxy 25.7299, 0.5188, 0.3187 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(243, 81, 93) }
```

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

```
.border{ border-color:rgb(243, 81, 93) }
```

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

Here you see how a box with a 4 pixel `rgb(243, 81, 93)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(243, 81, 93); -webkit-box-  
shadow:4px 4px 4px 4px rgb(243, 81, 93);  
box-shadow:4px 4px 4px 4px rgb(243, 81,  
93) }
```


Background

The CSS property to change the background color of an element to Yxy 25.7299, 0.5188, 0.3187 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(243, 81, 93) }
```

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

```
.background{ background-color: rgb(243, 81,  
93) }
```

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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