

Converting Colors

$Y_{xy}(25.5886, 0.5138, 0.3249)$

Have a look what the booklet for
Yxy(25.5886, 0.5138, 0.3249)
contains.

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Color

Yxy(25.5881, 0.5139, 0.3249)

Conversions

Conversions Part 1

Format	Color
Hex	EE565B
RGB	238, 86, 91
RGB Percent	93%, 34%, 36%
CMY	0.0667, 0.6627, 0.6433
CMYK	0.00, 0.64, 0.62, 0.07
HSL	358°, 82%, 64%
HSV	358°, 64%, 93%
XYZ	40.4731, 25.5881, 12.6956
YIQ	132.0180, 88.9870, 33.7790

Conversions

Conversions Part 2

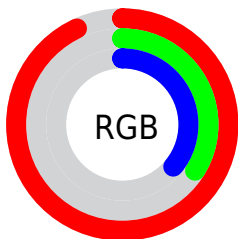
Format	Color
R _Y B	238, 86, 91
Decimal	15619675
CIE Lab	57.64, 58.73, 29.26
CIE LCh	58, 65.622, 26.485
Yxy	25.5881, 0.5139, 0.3249
Android (android.graphics.Color)	4293809755 (0xFFEE565B)
YUV	132.0180, -20.2219, 92.9462
Hunter-Lab	50.5847, 54.2959, 20.5288

Details

The Yxy color **25.5881, 0.5139, 0.3249** 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 **69.0101, 0.2385, 0.3350**, and the grayscale version is **23.1334, 0.3127, 0.3290**.

A 20% lighter version of the original color is **42.5291, 0.4329, 0.3304**, and **9.9559, 0.5823, 0.3109** is the 20% darker color. If you saturate the color by 10%, you get **22.0619, 0.5609, 0.3254**, and if you desaturate by 10%, it is **30.5037, 0.4673, 0.3250**.

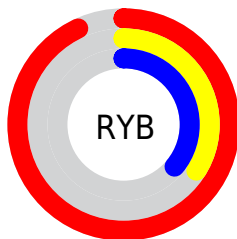
Distribution



Red (93%)

Green (34%)

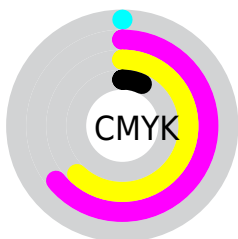
Blue (36%)



Red (93%)

Yellow (34%)

Blue (36%)

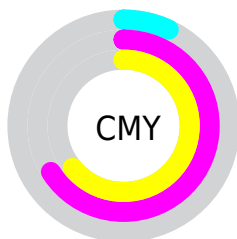


Cyan (0%)

Magenta (64%)

Yellow (62%)

Black (7%)



Cyan (7%)


Magenta (66%)


Yellow (64%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 25.5881, 0.5139, 0.3249 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 25.5881, 0.5139, 0.3249 by changing the saturation by 10% instead.


 25.5881, 0.5139,
0.3249


 25.5881, 0.5139,
0.3249


280.7542, 0.4038,
0.3342


 16.5158, 0.5434,
0.3195


 52.6097, 0.4721,
0.3304


 9.8898, 0.5817,
0.3104


 71.3277, 0.4569,
0.3318

 5.3260, 0.6324,
0.2945

 94.0298, 0.4442,
0.3328

 2.4398, 0.7184,
0.2725

 121.1003, 0.4336,
0.3334

 0.8462, 0.7884,
0.2116

152.9236, 0.4245,
0.3337

 0.0000, 1.0000,
0.0000

189.8840, 0.4166,

 0.0000, 0.0000,

0.3340

0.0000

232.3661, 0.4098,
0.3341

■ 25.5881, 0.5139,
0.3249

■ 25.5881, 0.5139,
0.3249

■ 22.0619, 0.5609,
0.3254

■ 30.5037, 0.4673,
0.3250

■ 19.7781, 0.6014,
0.3264

■ 36.9277, 0.4253,
0.3255


■ 18.5645, 0.6285,
0.3280


■ 44.9713, 0.3899,
0.3263


■ 18.1928, 0.6376,
0.3286

■ 54.7340, 0.3608,
0.3271

■ 66.3074, 0.3375,
0.3279

 79.7766, 0.3189,
0.3287

 95.2213, 0.3040,
0.3294

 96.9159, 0.3023,
0.3290

Harmonies

Analogous

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



25.5881, 0.4318, 0.2588



25.5881, 0.5139, 0.3249



25.5881, 0.5226, 0.3976

Triad

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



25.5881, 0.5139, 0.3249



25.5881, 0.2783, 0.5165



25.5881, 0.1603, 0.1752

Complementary

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



25.5881, 0.5139, 0.3249



69.0101, 0.2385, 0.3350

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.



25.5881, 0.1362, 0.2062



25.5881, 0.5139, 0.3249



25.5881, 0.1929, 0.4059

Square

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



25.5881, 0.5139, 0.3249



25.5881, 0.3782, 0.5319



25.5881, 0.1452, 0.2822



25.5881, 0.2194, 0.1772

Rectangle

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



25.5881, 0.5139, 0.3249



25.5881, 0.4912, 0.4486



25.5881, 0.1452, 0.2822



25.5881, 0.1486, 0.1814

Sweetspot

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



25.5895, 0.5139, 0.3249



70.2282, 0.3490, 0.3275



30.1429, 0.3145, 0.1811



14.2220, 0.3560, 0.3273



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.



25.5895, 0.5139, 0.3249



24.7342, 0.5759, 0.3257



42.9421, 0.4602, 0.4034



15.7672, 0.3288, 0.3283



10.1541, 0.6366, 0.3281



0.8476, 0.6276, 0.3231

Inverse Universe

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



25.5895, 0.5139, 0.3249



24.7342, 0.5759, 0.3257



35.8161, 0.2136, 0.2311



15.7672, 0.3288, 0.3283



10.1541, 0.6366, 0.3281



0.8476, 0.6276, 0.3231

Previews

White Background



This preview shows how the Yxy color 25.5881, 0.5139, 0.3249 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 25.5881, 0.5139, 0.3249 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 25.5881, 0.5139, 0.3249

Background



This preview shows how black text looks on a background with the Yxy color 25.5881, 0.5139, 0.3249.



This preview shows how white text looks on a background with the Yxy color 25.5881, 0.5139, 0.3249.

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

25.5881, 0.5139, 0.3249

Protanopia

25.8605, 0.3491, 0.3724

Deuteranopia

25.7244, 0.4104, 0.4045



Tritanopia

25.5881, 0.5139, 0.3249

Trichromacy



Original Color

25.5881, 0.5139, 0.3249

Protanomaly

24.1562, 0.4083, 0.3511

Deuteranomaly

24.5001, 0.4507, 0.3691

Tritanomaly

25.5881, 0.5139, 0.3249

Monochromacy



Original Color

25.5881, 0.5139, 0.3249

Achromatopsia

23.0740, 0.3127, 0.3290

Achromatomaly

22.2037, 0.3839, 0.3262

CSS Examples

Text

The CSS property to change the color of the text to Yxy 25.5881, 0.5139, 0.3249 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(238, 86, 91)` looks like.

```
.text, #text, p{  
    color:rgb(238, 86, 91)  
}
```

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(238, 86, 91) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(238, 86, 91) }
```

Border

The CSS property to change the border of an element to Yxy 25.5881, 0.5139, 0.3249 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(238, 86, 91) }
```

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

```
.border{ border-color:rgb(238, 86, 91) }
```

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

Here you see how a box with a 4 pixel `rgb(238, 86, 91)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(238, 86, 91); -webkit-box-  
shadow:4px 4px 4px 4px rgb(238, 86, 91);  
box-shadow:4px 4px 4px 4px rgb(238, 86,  
91) }
```


Background

The CSS property to change the background color of an element to Yxy 25.5881, 0.5139, 0.3249 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(238, 86, 91) }
```

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

```
.background{ background-color: rgb(238, 86,  
91) }
```

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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