

Converting Colors

$Yxy(24.5393, 0.5218, 0.3259)$

Have a look what the booklet for
Yxy(24.5393, 0.5218, 0.3259)
contains.

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Color

Yxy(24.5393, 0.5218, 0.3259)

Conversions

Conversions Part 1

Format	Color
Hex	EC5256
RGB	236, 82, 86
RGB Percent	93%, 32%, 34%
CMY	0.0745, 0.6784, 0.6628
CMYK	0.00, 0.65, 0.64, 0.07
HSL	358°, 80%, 62%
HSV	358°, 65%, 93%
XYZ	39.2900, 24.5393, 11.4677
YIQ	128.5020, 90.5000, 33.8920

Conversions

Conversions Part 2

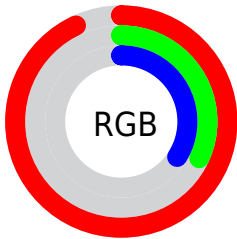
Format	Color
RYB	236, 82, 86
Decimal	15487574
CIELab	56.62, 59.43, 30.76
CIELCh	57, 66.921, 27.368
Yxy	24.5393, 0.5218, 0.3259
Android (android.graphics.Color)	4293677654 (0xFFEC5256)
YUV	128.5020, -20.9535, 94.2757
Hunter-Lab	49.5372, 54.8858, 20.9505

Details

The Yxy color **24.5393, 0.5218, 0.3259** 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 **67.6148, 0.2372, 0.3338**, and the grayscale version is **21.8214, 0.3127, 0.3290**.

A 20% lighter version of the original color is **41.5028, 0.4399, 0.3325**, and **9.3073, 0.5916, 0.3099** is the 20% darker color. If you saturate the color by 10%, you get **21.2596, 0.5684, 0.3264**, and if you desaturate by 10%, it is **29.1643, 0.4746, 0.3259**.

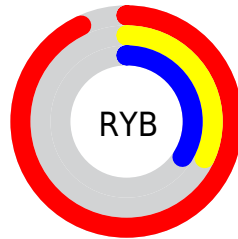
Distribution



Red (93%)

Green (32%)

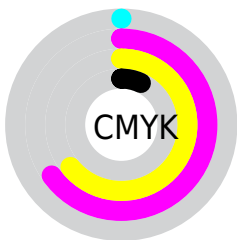
Blue (34%)



Red (93%)

Yellow (32%)

Blue (34%)

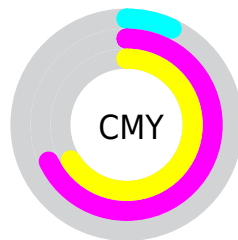


Cyan (0%)

Magenta (65%)

Yellow (64%)

Black (7%)



Cyan (7%)


Magenta (68%)


Yellow (66%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 24.5393, 0.5218, 0.3259 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 24.5393, 0.5218, 0.3259 by changing the saturation by 10% instead.


 24.5393, 0.5218,
0.3259


 24.5393, 0.5218,
0.3259


275.5358, 0.4069,
0.3354


 15.7342, 0.5526,
0.3200


 50.9088, 0.4781,
0.3318

 9.3362, 0.5924,
0.3101


 69.2420, 0.4623,
0.3332


 4.9611, 0.6448,
0.2926

 91.5200, 0.4491,
0.3341

 2.2245, 0.7324,
0.2676

 118.1272, 0.4379,
0.3347

 0.7333, 0.8003,
0.1997

 149.4480, 0.4285,
0.3350

 0.0000, 1.0000,
0.0000

185.8667, 0.4203,

 0.0000, 0.0000,

0.3353

0.0000

227.7679, 0.4132,
0.3354

■ 24.5393, 0.5218,
0.3259

■ 24.5393, 0.5218,
0.3259

■ 21.2596, 0.5684,
0.3264

■ 29.1643, 0.4746,
0.3259

■ 19.1775, 0.6072,
0.3273

■ 35.2536, 0.4316,
0.3263


■ 18.1182, 0.6316,
0.3287


■ 42.9179, 0.3949,
0.3268


■ 17.8470, 0.6381,
0.3289

■ 52.2564, 0.3649,
0.3274

■ 63.3597, 0.3406,
0.3281

 76.3122, 0.3213,
0.3287

 91.1928, 0.3058,
0.3293

 96.5736, 0.3011,
0.3290

Harmonies

Analogous

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



24.5393, 0.4390, 0.2584



24.5393, 0.5218, 0.3259



24.5393, 0.5275, 0.4001

Triad

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



24.5393, 0.5218, 0.3259



24.5393, 0.2734, 0.5217



24.5393, 0.1577, 0.1709

Complementary

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



24.5393, 0.5218, 0.3259



67.6148, 0.2372, 0.3338

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.



24.5393, 0.1322, 0.2009



24.5393, 0.5218, 0.3259



24.5393, 0.1870, 0.4044

Square

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



24.5393, 0.5218, 0.3259



24.5393, 0.3757, 0.5392



24.5393, 0.1400, 0.2770



24.5393, 0.2190, 0.1739

Rectangle

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



24.5393, 0.5218, 0.3259



24.5393, 0.4934, 0.4526



24.5393, 0.1400, 0.2770



24.5393, 0.1455, 0.1767

Sweetspot

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



24.5407, 0.5218, 0.3259



68.8690, 0.3517, 0.3278



29.0592, 0.3145, 0.1789



13.9575, 0.3587, 0.3276



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.



24.5407, 0.5218, 0.3259



24.4377, 0.5815, 0.3266



41.5117, 0.4642, 0.4044



15.0604, 0.3289, 0.3284



9.8401, 0.6373, 0.3284



0.7749, 0.6297, 0.3243

Inverse Universe

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



24.5407, 0.5218, 0.3259



24.4377, 0.5815, 0.3266



34.4508, 0.2118, 0.2286



15.0604, 0.3289, 0.3284



9.8401, 0.6373, 0.3284



0.7749, 0.6297, 0.3243

Previews

White Background



This preview shows how the Yxy color 24.5393, 0.5218, 0.3259 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 24.5393, 0.5218, 0.3259 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 24.5393, 0.5218, 0.3259

Background



This preview shows how black text looks on a background with the Yxy color 24.5393, 0.5218, 0.3259.



This preview shows how white text looks on a background with the Yxy color 24.5393, 0.5218, 0.3259.

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

24.5393, 0.5218, 0.3259

Protanopia

24.7108, 0.3533, 0.3765

Deuteranopia

24.6223, 0.4157, 0.4080



Tritanopia

24.5556, 0.5204, 0.3249

Trichromacy



Original Color

24.5393, 0.5218, 0.3259

Protanomaly

22.8759, 0.4150, 0.3528

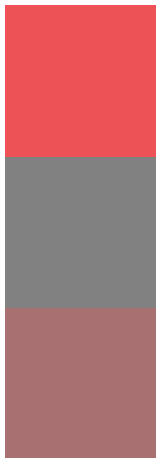
Deuteranomaly

23.4807, 0.4573, 0.3718

Tritanomaly

24.5556, 0.5204, 0.3249

Monochromacy



Original Color

24.5393, 0.5218, 0.3259

Achromatopsia

21.9526, 0.3127, 0.3290

Achromatomaly

21.1054, 0.3869, 0.3277

CSS Examples

Text

The CSS property to change the color of the text to Yxy 24.5393, 0.5218, 0.3259 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, 82, 86)` looks like.

```
.text, #text, p{  
  color:rgb(236, 82, 86)  
}
```

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, 82, 86) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(236, 82, 86) }
```

Border

The CSS property to change the border of an element to Yxy 24.5393, 0.5218, 0.3259 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, 82, 86) }
```

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

```
.border{ border-color:rgb(236, 82, 86) }
```

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

Here you see how a box with a 4 pixel rgb(236, 82, 86) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(236, 82, 86); -webkit-box-  
shadow:4px 4px 4px 4px rgb(236, 82, 86);  
box-shadow:4px 4px 4px 4px rgb(236, 82,  
86) }
```


Background

The CSS property to change the background color of an element to Yxy 24.5393, 0.5218, 0.3259 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(236, 82, 86) }
```

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

```
.background{ background-color: rgb(236, 82,  
86) }
```

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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