

Converting Colors

$Yxy(25.9458, 0.5301, 0.3499)$

Have a look what the booklet for
Yxy(25.9458, 0.5301, 0.3499)
contains.

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Color

Yxy(25.9458, 0.5301, 0.3499)

Conversions

Conversions Part 1

Format	Color
Hex	EB5D47
RGB	235, 93, 71
RGB Percent	92%, 36%, 28%
CMY	0.0785, 0.6352, 0.7215
CMYK	0.00, 0.60, 0.70, 0.08
HSL	8°, 80%, 60%
HSV	8°, 70%, 92%
XYZ	39.3080, 25.9458, 8.8982
YIQ	132.9500, 91.6940, 23.2620

Conversions

Conversions Part 2

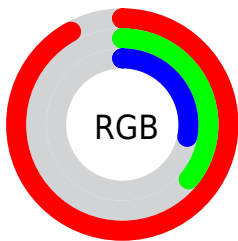
Format	Color
RYB	235, 96, 71
Decimal	15424839
CIELab	57.99, 53.62, 40.77
CIELCh	58, 67.357, 37.248
Yxy	25.9458, 0.5301, 0.3499
Android (android.graphics.Color)	4293614919 (0xFFEB5D47)
YUV	132.9500, -30.5413, 89.4979
Hunter-Lab	50.9370, 48.6083, 25.2985

Details

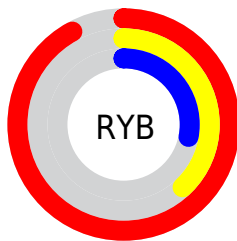
The Yxy color **25.9458, 0.5301, 0.3499** is a dark color, and the websafe version is hex **FF6666**. The color can be described as dark muted red. A complement of this color would be **54.9042, 0.2258, 0.2996**, and the grayscale version is **23.5281, 0.3127, 0.3290**.

A 20% lighter version of the original color is **43.7959, 0.4514, 0.3580**, and **10.0429, 0.5979, 0.3375** is the 20% darker color. If you saturate the color by 10%, you get **22.5919, 0.5725, 0.3482**, and if you desaturate by 10%, it is **30.3689, 0.4858, 0.3492**.

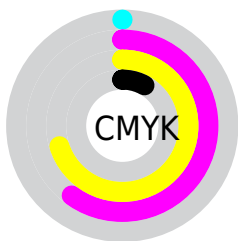
Distribution



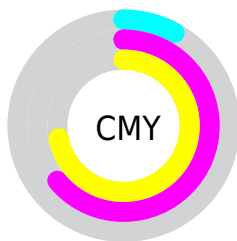
- Red (92%)
- Green (36%)
- Blue (28%)



- Red (92%)
- Yellow (38%)
- Blue (28%)



- Cyan (0%)
- Magenta (60%)
- Yellow (70%)
- Black (8%)



- Cyan (8%)
- Magenta (64%)
- Yellow (72%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 25.9458, 0.5301, 0.3499 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 25.9458, 0.5301, 0.3499 by changing the saturation by 10% instead.


 25.9458, 0.5301,
0.3499


 25.9458, 0.5301,
0.3499


282.5159, 0.4130,
0.3489


 16.7831, 0.5599,
0.3457

 53.1875, 0.4865,
0.3526


 10.0800, 0.5974,
0.3374


 72.0353, 0.4704,
0.3526


 5.4520, 0.6467,
0.3223

 94.8802, 0.4568,
0.3523

 2.5148, 0.7078,
0.2922

 122.1067, 0.4453,
0.3517

 0.8841, 0.7690,
0.2310

 154.0991, 0.4355,
0.3510

 0.0000, 1.0000,
0.0000

191.2418, 0.4270,

 0.0000, 0.0000,

0.3503

0.0000

233.9193, 0.4195,
0.3496

■ 25.9458, 0.5301,
0.3499

■ 25.9458, 0.5301,
0.3499

■ 22.5919, 0.5725,
0.3482

■ 30.3689, 0.4858,
0.3492

■ 20.2115, 0.6069,
0.3440

■ 35.9374, 0.4441,
0.3469

■ 18.6929, 0.6293,
0.3383

■ 42.7258, 0.4074,
0.3436

■ 18.6681, 0.6297,
0.3382

■ 50.8007, 0.3763,
0.3398

■ 60.2240, 0.3506,
0.3360

 71.0538, 0.3296,
0.3323

 83.3443, 0.3124,
0.3289

 96.3988, 0.3005,
0.3290

Harmonies

Analogous

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



25.9458, 0.4715, 0.2803



25.9458, 0.5301, 0.3499



25.9458, 0.5119, 0.4255

Triad

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



25.9458, 0.5301, 0.3499



25.9458, 0.2427, 0.4890



25.9458, 0.1749, 0.1700

Complementary

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



25.9458, 0.5301, 0.3499



54.9042, 0.2258, 0.2996

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.



25.9458, 0.1385, 0.1881



25.9458, 0.5301, 0.3499



25.9458, 0.1682, 0.3583

Square

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



25.9458, 0.5301, 0.3499



25.9458, 0.3422, 0.5427



25.9458, 0.1351, 0.2470



25.9458, 0.2487, 0.1824

Rectangle

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



25.9458, 0.5301, 0.3499



25.9458, 0.4677, 0.4774



25.9458, 0.1351, 0.2470



25.9458, 0.1589, 0.1724

Sweetspot

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



25.9473, 0.5301, 0.3499



70.9236, 0.3537, 0.3365



26.9759, 0.3438, 0.1911



14.4844, 0.3605, 0.3376



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.



25.9473, 0.5301, 0.3499



25.7451, 0.5896, 0.3466



48.7177, 0.4522, 0.4346



15.3801, 0.3290, 0.3322



10.4961, 0.6279, 0.3397



0.9280, 0.6060, 0.3570

Inverse Universe

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



54.9042, 0.2258, 0.2996



62.2067, 0.2174, 0.2926



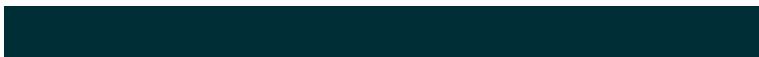
23.6042, 0.1962, 0.1800



16.7567, 0.2981, 0.3258



27.3625, 0.2128, 0.2860



2.2442, 0.2146, 0.2925

Previews

White Background



This preview shows how the Yxy color 25.9458, 0.5301, 0.3499 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 25.9458, 0.5301, 0.3499 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 25.9458, 0.5301, 0.3499

Background



This preview shows how black text looks on a background with the Yxy color 25.9458, 0.5301, 0.3499.



This preview shows how white text looks on a background with the Yxy color 25.9458, 0.5301, 0.3499.

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

25.9458, 0.5301, 0.3499

Protanopia

26.1197, 0.3820, 0.4149

Deuteranopia

26.0182, 0.4357, 0.4275



Tritanopia

25.9714, 0.5039, 0.3246

Trichromacy



Original Color

25.9458, 0.5301, 0.3499

Protanomaly

24.7051, 0.4377, 0.3881

Deuteranomaly

25.0860, 0.4744, 0.3937

Tritanomaly

25.9869, 0.5149, 0.3344

Monochromacy



Original Color

25.9458, 0.5301, 0.3499

Achromatopsia

23.4551, 0.3127, 0.3290

Achromatomaly

22.6287, 0.3905, 0.3415

CSS Examples

Text

The CSS property to change the color of the text to Yxy 25.9458, 0.5301, 0.3499 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(235, 93, 71)` looks like.

```
.text, #text, p{  
    color:rgb(235, 93, 71)  
}
```

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(235, 93, 71) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(235, 93, 71) }
```

Border

The CSS property to change the border of an element to Yxy 25.9458, 0.5301, 0.3499 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(235, 93, 71) }
```

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

```
.border{ border-color:rgb(235, 93, 71) }
```

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

Here you see how a box with a 4 pixel rgb(235, 93, 71) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(235, 93, 71); -webkit-box-  
shadow:4px 4px 4px 4px rgb(235, 93, 71);  
box-shadow:4px 4px 4px 4px rgb(235, 93,  
71) }
```


Background

The CSS property to change the background color of an element to Yxy 25.9458, 0.5301, 0.3499 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(235, 93, 71) }
```

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

```
.background{ background-color: rgb(235, 93,  
71) }
```

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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