

Converting Colors

$Yxy(25.9918, 0.5385, 0.3497)$

Have a look what the booklet for
Yxy(25.9918, 0.5385, 0.3497)
contains.

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Color

Yxy(25.9068, 0.5383, 0.3490)

Conversions

Conversions Part 1

Format	Color
Hex	EE5A44
RGB	238, 90, 68
RGB Percent	93%, 35%, 27%
CMY	0.0667, 0.6470, 0.7333
CMYK	0.00, 0.62, 0.71, 0.07
HSL	8°, 83%, 60%
HSV	8°, 71%, 93%
XYZ	39.9588, 25.9068, 8.3659
YIQ	131.7440, 95.2700, 24.5340

Conversions

Conversions Part 2

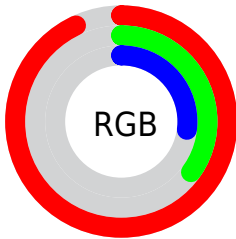
Format	Color
R_{YB}	238, 93, 68
Decimal	15620676
CIE _{Lab}	57.95, 55.82, 42.47
CIE _{LCh}	58, 70.143, 37.266
Yxy	25.9068, 0.5383, 0.3490
Android (android.graphics.Color)	4293810756 (0xFFEE5A44)
YUV	131.7440, -31.4258, 93.1865
Hunter-Lab	50.8987, 51.0614, 25.8840

Details

The Yxy color **25.9068, 0.5383, 0.3490** 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 **56.5142, 0.2249, 0.2999**, and the grayscale version is **23.0693, 0.3127, 0.3290**.

A 20% lighter version of the original color is **43.1021, 0.4557, 0.3589**, and **10.1004, 0.6069, 0.3352** is the 20% darker color. If you saturate the color by 10%, you get **22.6521, 0.5799, 0.3469**, and if you desaturate by 10%, it is **30.2563, 0.4937, 0.3487**.

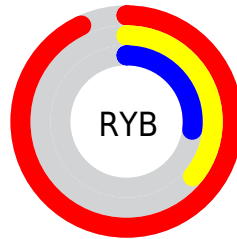
Distribution



Red (93%)

Green (35%)

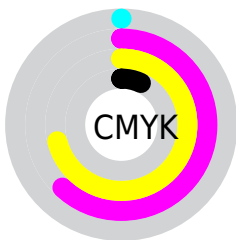
Blue (27%)



Red (93%)

Yellow (36%)

Blue (27%)

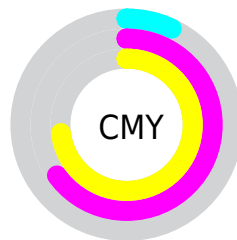


Cyan (0%)

Magenta (62%)

Yellow (71%)

Black (7%)



Cyan (7%)


Magenta (65%)

Yellow (73%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 25.9068, 0.5383, 0.3490 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 25.9068, 0.5383, 0.3490 by changing the saturation by 10% instead.

 25.9068, 0.5383,
0.3490


 25.9068, 0.5383,
0.3490


282.3243, 0.4172,
0.3494


 16.7539, 0.5688,
0.3441

 53.1246, 0.4935,
0.3524

 10.0592, 0.6067,
0.3348


 71.9582, 0.4767,
0.3527

 5.4382, 0.6577,
0.3189

 94.7876, 0.4627,
0.3525

 2.5066, 0.7148,
0.2852

 121.9971, 0.4508,
0.3520

 0.8799, 0.7766,
0.2234

 153.9712, 0.4406,
0.3514

 0.0000, 1.0000,
0.0000

191.0941, 0.4317,

 0.0000, 0.0000,

0.3508

0.0000

233.7503, 0.4240,
0.3501

■ 25.9068, 0.5383,
0.3490

■ 25.9068, 0.5383,
0.3490

■ 22.6521, 0.5799,
0.3469

■ 30.2563, 0.4937,
0.3487

■ 20.3894, 0.6124,
0.3424


■ 35.7827, 0.4512,
0.3467


■ 19.1457, 0.6304,
0.3377


■ 42.5649, 0.4134,
0.3436

■ 50.6741, 0.3812,
0.3400

■ 60.1758, 0.3546,
0.3364

 71.1313, 0.3328,
0.3328

 83.5984, 0.3150,
0.3295

 96.9163, 0.3023,
0.3290

Harmonies

Analogous

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



25.9068, 0.4780, 0.2781



25.9068, 0.5383, 0.3490



25.9068, 0.5179, 0.4266

Triad

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



25.9068, 0.5383, 0.3490



25.9068, 0.2391, 0.4968



25.9068, 0.1705, 0.1652

Complementary

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



25.9068, 0.5383, 0.3490



56.5142, 0.2249, 0.2999

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.



25.9068, 0.1334, 0.1832



25.9068, 0.5383, 0.3490



25.9068, 0.1629, 0.3589

Square

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



25.9068, 0.5383, 0.3490



25.9068, 0.3415, 0.5518



25.9068, 0.1297, 0.2431



25.9068, 0.2461, 0.1779

Rectangle

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



25.9068, 0.5383, 0.3490



25.9068, 0.4714, 0.4807



25.9068, 0.1297, 0.2431



25.9068, 0.1542, 0.1675

Sweetspot

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



25.9083, 0.5383, 0.3490



70.7952, 0.3538, 0.3362



27.3832, 0.3414, 0.1869



14.4545, 0.3606, 0.3372



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.



25.9083, 0.5383, 0.3490



25.0610, 0.5973, 0.3450



48.4186, 0.4583, 0.4333



16.0884, 0.3290, 0.3321



10.7843, 0.6286, 0.3391



1.0012, 0.6084, 0.3551

Inverse Universe

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



56.5142, 0.2249, 0.2999



62.3218, 0.2169, 0.2931



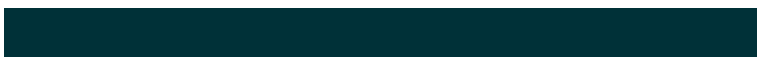
24.2255, 0.1948, 0.1799



17.5596, 0.2981, 0.3259



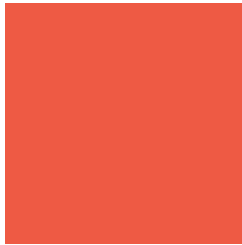
28.5309, 0.2132, 0.2876



2.4698, 0.2149, 0.2936

Previews

White Background



This preview shows how the Yxy color 25.9068, 0.5383, 0.3490 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 25.9068, 0.5383, 0.3490 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 25.9068, 0.5383, 0.3490

Background



This preview shows how black text looks on a background with the Yxy color 25.9068, 0.5383, 0.3490.



This preview shows how white text looks on a background with the Yxy color 25.9068, 0.5383, 0.3490.

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

25.9068, 0.5383, 0.3490

Protanopia

26.1843, 0.3852, 0.4175

Deuteranopia

25.9751, 0.4391, 0.4319



Tritanopia

25.9398, 0.5127, 0.3249

Trichromacy



Original Color

25.9068, 0.5383, 0.3490

Protanomaly

24.6739, 0.4432, 0.3886

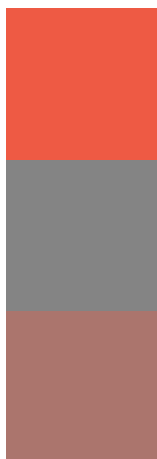
Deuteranomaly

24.9407, 0.4805, 0.3960

Tritanomaly

25.9547, 0.5235, 0.3342

Monochromacy



Original Color

25.9068, 0.5383, 0.3490

Achromatopsia

23.0740, 0.3127, 0.3290

Achromatomaly

22.4846, 0.3936, 0.3415

CSS Examples

Text

The CSS property to change the color of the text to Yxy 25.9068, 0.5383, 0.3490 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, 90, 68)` looks like.

```
.text, #text, p{  
    color:rgb(238, 90, 68)  
}
```

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, 90, 68) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(238, 90, 68) }
```

Border

The CSS property to change the border of an element to Yxy 25.9068, 0.5383, 0.3490 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, 90, 68) }
```

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

```
.border{ border-color:rgb(238, 90, 68) }
```

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

Here you see how a box with a 4 pixel `rgb(238, 90, 68)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(238, 90, 68); -webkit-box-  
shadow:4px 4px 4px 4px rgb(238, 90, 68);  
box-shadow:4px 4px 4px 4px rgb(238, 90,  
68) }
```


Background

The CSS property to change the background color of an element to Yxy 25.9068, 0.5383, 0.3490 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(238, 90, 68) }
```

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

```
.background{ background-color: rgb(238, 90,  
68) }
```

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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