

Converting Colors

$Yxy(26.3760, 0.5397, 0.3550)$

Have a look what the booklet for
Yxy(26.3760, 0.5397, 0.3550)
contains.

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Color

Yxy(26.3760, 0.5397, 0.3550)

Conversions

Conversions Part 1

Format	Color
Hex	EE5D40
RGB	238, 93, 64
RGB Percent	93%, 36%, 25%
CMY	0.0667, 0.6353, 0.7491
CMYK	0.00, 0.61, 0.73, 0.07
HSL	10°, 84%, 59%
HSV	10°, 73%, 93%
XYZ	40.0989, 26.3760, 7.8236
YIQ	133.0490, 95.7290, 21.7210

Conversions

Conversions Part 2

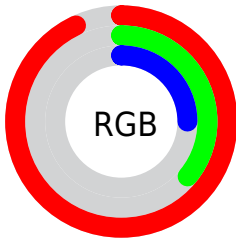
Format	Color
R_{YB}	238, 99, 64
Decimal	15621440
CIE _{Lab}	58.39, 54.35, 45.12
CIE _{LCh}	58, 70.633, 39.697
Yxy	26.3760, 0.5397, 0.3550
Android (android.graphics.Color)	4293811520 (0xFFEE5D40)
YUV	133.0490, -34.0412, 92.0420
Hunter-Lab	51.3576, 49.4934, 26.9183

Details

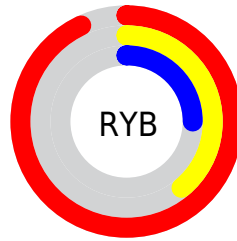
The Yxy color **26.3760, 0.5397, 0.3550** is a dark color, and the websafe version is hex **FF6633**. The color can be described as dark muted red. A complement of this color would be **52.8429, 0.2215, 0.2901**, and the grayscale version is **23.5751, 0.3127, 0.3290**.

A 20% lighter version of the original color is **43.6321, 0.4583, 0.3648**, and **10.3565, 0.6067, 0.3418** is the 20% darker color. If you saturate the color by 10%, you get **23.1205, 0.5795, 0.3522**, and if you desaturate by 10%, it is **30.6523, 0.4966, 0.3548**.

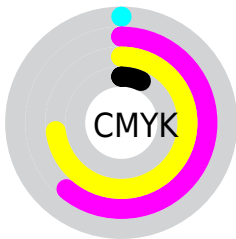
Distribution



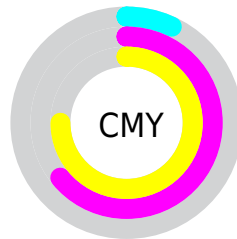
- Red (93%)
- Green (36%)
- Blue (25%)



- Red (93%)
- Yellow (39%)
- Blue (25%)



- Cyan (0%)
- Magenta (61%)
- Yellow (73%)
- Black (7%)




- Cyan (7%)
- Magenta (64%)
- Yellow (75%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 26.3760, 0.5397, 0.3550 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 26.3760, 0.5397, 0.3550 by changing the saturation by 10% instead.


 26.3760, 0.5397,
0.3550


 26.3760, 0.5397,
0.3550


284.6230, 0.4187,
0.3529


 17.1051, 0.5697,
0.3505


 53.8809, 0.4952,
0.3577

 10.3095, 0.6066,
0.3415


 72.8837, 0.4785,
0.3576


 5.6046, 0.6576,
0.3268

 95.8994, 0.4645,
0.3571

 2.6062, 0.7081,
0.2919

 123.3122, 0.4525,
0.3564

 0.9298, 0.7684,
0.2316

 155.5065, 0.4423,
0.3556

 0.0000, 1.0000,
0.0000

 192.8669, 0.4334,

 0.0000, 0.0000,

0.3547

0.0000

235.7775, 0.4256,
0.3538

■ 26.3760, 0.5397,
0.3550

■ 26.3760, 0.5397,
0.3550

■ 23.1205, 0.5795,
0.3522

■ 30.6523, 0.4966,
0.3548

■ 20.7942, 0.6105,
0.3464

■ 36.0216, 0.4549,
0.3524

■ 19.6754, 0.6253,
0.3417


■ 42.5547, 0.4174,
0.3485


■ 50.3150, 0.3852,
0.3440

■ 59.3613, 0.3582,
0.3392

 69.7486, 0.3360,
0.3346

 81.5287, 0.3177,
0.3303

 94.7506, 0.3027,
0.3263

 96.9170, 0.3023,
0.3290

Harmonies

Analogous

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



26.3760, 0.4859, 0.2835



26.3760, 0.5397, 0.3550



26.3760, 0.5135, 0.4332

Triad

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



26.3760, 0.5397, 0.3550



26.3760, 0.2314, 0.4876



26.3760, 0.1750, 0.1650

Complementary

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



26.3760, 0.5397, 0.3550



52.8429, 0.2215, 0.2901

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.



26.3760, 0.1350, 0.1803



26.3760, 0.5397, 0.3550



26.3760, 0.1585, 0.3476

Square

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



26.3760, 0.5397, 0.3550



26.3760, 0.3329, 0.5520



26.3760, 0.1286, 0.2362



26.3760, 0.2541, 0.1801

Rectangle

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



26.3760, 0.5397, 0.3550



26.3760, 0.4647, 0.4872



26.3760, 0.1286, 0.2362



26.3760, 0.1577, 0.1665

Sweetspot

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



26.3775, 0.5397, 0.3550



70.6182, 0.3557, 0.3387



26.4437, 0.3524, 0.1918



14.4566, 0.3624, 0.3400



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.



26.3775, 0.5397, 0.3550



25.4966, 0.5971, 0.3495



51.1853, 0.4540, 0.4426



16.1849, 0.3289, 0.3330



11.1021, 0.6232, 0.3433



1.0469, 0.6003, 0.3616

Inverse Universe

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



52.8429, 0.2215, 0.2901



57.4172, 0.2131, 0.2809



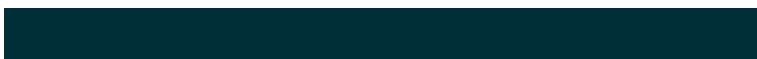
21.1763, 0.1894, 0.1637



17.4537, 0.2981, 0.3250



26.2142, 0.2097, 0.2749



2.2987, 0.2119, 0.2828

Previews

White Background



This preview shows how the Yxy color 26.3760, 0.5397, 0.3550 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 26.3760, 0.5397, 0.3550 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 26.3760, 0.5397, 0.3550

Background



This preview shows how black text looks on a background with the Yxy color 26.3760, 0.5397, 0.3550.



This preview shows how white text looks on a background with the Yxy color 26.3760, 0.5397, 0.3550.

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

26.3760, 0.5397, 0.3550

Protanopia

26.5828, 0.3927, 0.4269

Deuteranopia

26.4400, 0.4435, 0.4361



Tritanopia

26.3217, 0.5073, 0.3238

Trichromacy



Original Color

26.3760, 0.5397, 0.3550

Protanomaly

25.2240, 0.4479, 0.3971

Deuteranomaly

25.5049, 0.4829, 0.4019

Tritanomaly

26.3031, 0.5206, 0.3352

Monochromacy



Original Color

26.3760, 0.5397, 0.3550

Achromatopsia

23.4551, 0.3127, 0.3290

Achromatomaly

22.6975, 0.3944, 0.3445

CSS Examples

Text

The CSS property to change the color of the text to Yxy 26.3760, 0.5397, 0.3550 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, 93, 64)` looks like.

```
.text, #text, p{  
    color:rgb(238, 93, 64)  
}
```

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, 93, 64) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(238, 93, 64) }
```

Border

The CSS property to change the border of an element to Yxy 26.3760, 0.5397, 0.3550 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, 93, 64) }
```

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

```
.border{ border-color:rgb(238, 93, 64) }
```

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

Here you see how a box with a 4 pixel rgb(238, 93, 64) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(238, 93, 64); -webkit-box-  
shadow:4px 4px 4px 4px rgb(238, 93, 64);  
box-shadow:4px 4px 4px 4px rgb(238, 93,  
64) }
```


Background

The CSS property to change the background color of an element to Yxy 26.3760, 0.5397, 0.3550 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(238, 93, 64) }
```

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

```
.background{ background-color: rgb(238, 93,  
64) }
```

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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