

Converting Colors

$Y_{xy}(25.4173, 0.5504, 0.3638)$

Have a look what the booklet for
Yxy(25.4173, 0.5504, 0.3638)
contains.

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Color

Yxy(25.3857, 0.5499, 0.3639)

Conversions

Conversions Part 1

Format	Color
Hex	EA5C33
RGB	234, 92, 51
RGB Percent	92%, 36%, 20%
CMY	0.0823, 0.6393, 0.7999
CMYK	0.00, 0.61, 0.78, 0.08
HSL	13°, 81%, 56%
HSV	13°, 78%, 92%
XYZ	38.3611, 25.3857, 6.0133
YIQ	129.7840, 97.7930, 17.3530

Conversions

Conversions Part 2

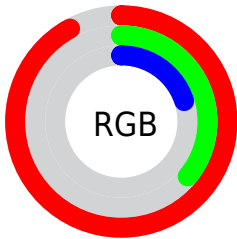
Format	Color
RYB	234, 104, 51
Decimal	15359027
CIELab	57.45, 52.91, 50.47
CIElCh	57, 73.126, 43.648
Yxy	25.3857, 0.5499, 0.3639
Android (android.graphics.Color)	4293549107 (0xFFEA5C33)
YUV	129.7840, -38.8405, 91.3974
Hunter-Lab	50.3842, 47.7323, 28.1927

Details

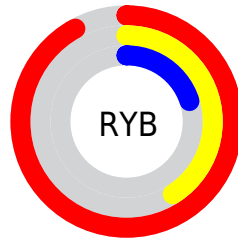
The Yxy color **25.3857, 0.5499, 0.3639** is a dark color, and the websafe version is hex **FF6633**. The color can be described as dark washed red. A complement of this color would be **44.8107, 0.2143, 0.2720**, and the grayscale version is **22.3573, 0.3127, 0.3290**.

A 20% lighter version of the original color is **43.0475, 0.4712, 0.3758**, and **9.8600, 0.6160, 0.3491** is the 20% darker color. If you saturate the color by 10%, you get **22.4518, 0.5852, 0.3592**, and if you desaturate by 10%, it is **29.1806, 0.5098, 0.3648**.

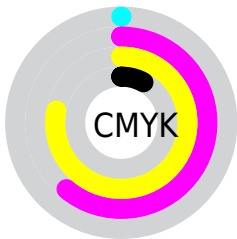
Distribution



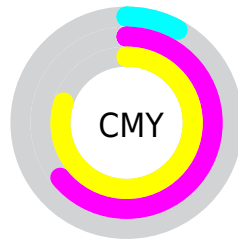
- Red (92%)
- Green (36%)
- Blue (20%)



- Red (92%)
- Yellow (41%)
- Blue (20%)



- Cyan (0%)
- Magenta (61%)
- Yellow (78%)
- Black (8%)



- Cyan (8%)
- Magenta (64%)
- Yellow (80%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 25.3857, 0.5499, 0.3639 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 25.3857, 0.5499, 0.3639 by changing the saturation by 10% instead.


 25.3857, 0.5499,
0.3639

 25.3857, 0.5499,
0.3639


279.7533, 0.4243,
0.3593


 16.3646, 0.5800,
0.3589


 52.2823, 0.5044,
0.3664


 9.7826, 0.6162,
0.3487


 70.9265, 0.4870,
0.3660

 5.2550, 0.6672,
0.3328

 93.5474, 0.4724,
0.3652

 2.3977, 0.7083,
0.2917

 120.5291, 0.4599,
0.3641

 0.8247, 0.7710,
0.2290

 152.2562, 0.4491,
0.3629

 0.0000, 1.0000,
0.0000

 189.1130, 0.4398,

 0.0000, 0.0000,

0.3617

0.0000

231.4839, 0.4316,
0.3605

■ 25.3857, 0.5499,
0.3639

■ 25.3857, 0.5499,
0.3639

■ 22.4518, 0.5852,
0.3592

■ 29.1806, 0.5098,
0.3648

■ 20.3004, 0.6114,
0.3510

■ 33.8951, 0.4693,
0.3624

■ 19.9856, 0.6154,
0.3496


■ 39.5877, 0.4317,
0.3578

■ 46.3103, 0.3984,
0.3521

■ 54.1112, 0.3701,
0.3458

 63.0357, 0.3462,
0.3396

 73.1262, 0.3264,
0.3336

 84.4230, 0.3100,
0.3280

 96.2352, 0.2999,
0.3290

Harmonies

Analogous

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



25.3857, 0.5063, 0.2901



25.3857, 0.5499, 0.3639



25.3857, 0.5115, 0.4455

Triad

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



25.3857, 0.5499, 0.3639



25.3857, 0.2147, 0.4790



25.3857, 0.1781, 0.1598

Complementary

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



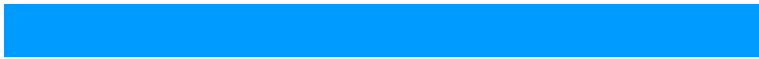
25.3857, 0.5499, 0.3639



44.8107, 0.2143, 0.2720

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.



25.3857, 0.1325, 0.1705



25.3857, 0.5499, 0.3639



25.3857, 0.1458, 0.3289

Square

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



25.3857, 0.5499, 0.3639



25.3857, 0.3173, 0.5620



25.3857, 0.1213, 0.2209



25.3857, 0.2653, 0.1791

Rectangle

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



25.3857, 0.5499, 0.3639



25.3857, 0.4564, 0.5020



25.3857, 0.1213, 0.2209



25.3857, 0.1587, 0.1598

Sweetspot

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



25.3871, 0.5499, 0.3639



71.0976, 0.3574, 0.3426



23.7771, 0.3676, 0.1946



14.3941, 0.3663, 0.3449



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.



25.3871, 0.5499, 0.3639



25.5461, 0.6027, 0.3543



51.2602, 0.4544, 0.4541



15.6009, 0.3287, 0.3343



11.3832, 0.6129, 0.3516



1.0345, 0.5865, 0.3725

Inverse Universe

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



44.8107, 0.2143, 0.2720



49.2581, 0.2058, 0.2585



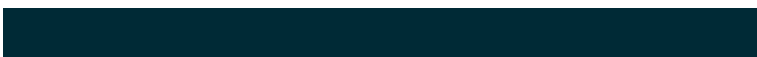
16.3219, 0.1796, 0.1392



16.5166, 0.2981, 0.3236



22.2476, 0.2043, 0.2553



1.8872, 0.2074, 0.2667

Previews

White Background



This preview shows how the Yxy color 25.3857, 0.5499, 0.3639 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 25.3857, 0.5499, 0.3639 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 25.3857, 0.5499, 0.3639

Background



This preview shows how black text looks on a background with the Yxy color 25.3857, 0.5499, 0.3639.



This preview shows how white text looks on a background with the Yxy color 25.3857, 0.5499, 0.3639.

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

25.3857, 0.5499, 0.3639

Protanopia

25.6077, 0.4054, 0.4456

Deuteranopia

25.3845, 0.4563, 0.4463



Tritanopia

25.4220, 0.5101, 0.3248

Trichromacy



Original Color

25.3857, 0.5499, 0.3639

Protanomaly

24.1799, 0.4614, 0.4126

Deuteranomaly

24.6402, 0.4947, 0.4120

Tritanomaly

25.3427, 0.5268, 0.3408

Monochromacy



Original Color

25.3857, 0.5499, 0.3639

Achromatopsia

22.3228, 0.3127, 0.3290

Achromatomaly

21.7552, 0.4010, 0.3526

CSS Examples

Text

The CSS property to change the color of the text to Yxy 25.3857, 0.5499, 0.3639 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(234, 92, 51)` looks like.

```
.text, #text, p{  
    color:rgb(234, 92, 51)  
}
```

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(234, 92, 51) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(234, 92, 51) }
```

Border

The CSS property to change the border of an element to Yxy 25.3857, 0.5499, 0.3639 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(234, 92, 51) }
```

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

```
.border{ border-color:rgb(234, 92, 51) }
```

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

Here you see how a box with a 4 pixel rgb(234, 92, 51) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(234, 92, 51); -webkit-box-  
shadow:4px 4px 4px 4px rgb(234, 92, 51);  
box-shadow:4px 4px 4px 4px rgb(234, 92,  
51) }
```


Background

The CSS property to change the background color of an element to Yxy 25.3857, 0.5499, 0.3639 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(234, 92, 51) }
```

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

```
.background{ background-color: rgb(234, 92,  
51) }
```

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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