

Converting Colors

$Y_{xy}(26.2166, 0.5359, 0.3664)$

Have a look what the booklet for
Yxy(26.2166, 0.5359, 0.3664)
contains.

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Color

Yxy(26.1967, 0.5361, 0.3657)

Conversions

Conversions Part 1

Format	Color
Hex	E8623A
RGB	232, 98, 58
RGB Percent	91%, 38%, 23%
CMY	0.0903, 0.6156, 0.7726
CMYK	0.00, 0.58, 0.75, 0.09
HSL	14°, 79%, 57%
HSV	14°, 75%, 91%
XYZ	38.4032, 26.1967, 7.0345
YIQ	133.5060, 92.7040, 15.9680

Conversions

Conversions Part 2

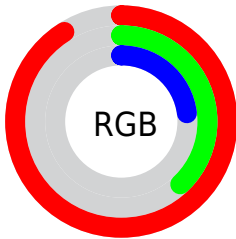
Format	Color
R _Y B	232, 110, 58
Decimal	15229498
CIE Lab	58.22, 49.71, 47.72
CIE LCh	58, 68.909, 43.828
Yxy	26.1967, 0.5361, 0.3657
Android (android.graphics.Color)	4293419578 (0xFFE8623A)
YUV	133.5060, -37.2245, 86.3792
Hunter-Lab	51.1827, 44.3616, 27.6791

Details

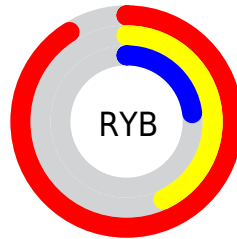
The Yxy color **26.1967, 0.5361, 0.3657** is a dark color, and the websafe version is hex **FF6633**. The color can be described as dark washed orange. A complement of this color would be **44.3931, 0.2162, 0.2731**, and the grayscale version is **23.7667, 0.3127, 0.3290**.

A 20% lighter version of the original color is **44.7780, 0.4611, 0.3746**, and **10.1825, 0.6004, 0.3539** is the 20% darker color. If you saturate the color by 10%, you get **23.0342, 0.5733, 0.3623**, and if you desaturate by 10%, it is **30.2140, 0.4957, 0.3653**.

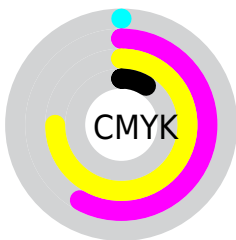
Distribution



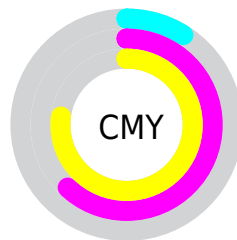
- Red (91%)
- Green (38%)
- Blue (23%)



- Red (91%)
- Yellow (43%)
- Blue (23%)



- Cyan (0%)
- Magenta (58%)
- Yellow (75%)
- Black (9%)





- Cyan (9%)
- Magenta (62%)
- Yellow (77%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 26.1967, 0.5361, 0.3657 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 26.1967, 0.5361, 0.3657 by changing the saturation by 10% instead.


 26.1967, 0.5361,
0.3657


 26.1967, 0.5361,
0.3657


283.7463, 0.4175,
0.3583

 16.9709, 0.5651,
0.3622


 53.5921, 0.4927,
0.3666


 10.2137, 0.6005,
0.3542

 72.5304, 0.4764,
0.3658


 5.5409, 0.6531,
0.3428


 95.4751, 0.4626,
0.3647

 2.5680, 0.6943,
0.3057

 122.8104, 0.4508,
0.3634

 0.9106, 0.7535,
0.2465

 154.9208, 0.4407,
0.3621

 0.0000, 1.0000,
0.0000

 192.1906, 0.4319,

 0.0000, 0.0000,

0.3608

0.0000

235.0043, 0.4242,
0.3595

■ 26.1967, 0.5361,
0.3657

■ 26.1967, 0.5361,
0.3657

■ 23.0342, 0.5733,
0.3623

■ 30.2140, 0.4957,
0.3653

■ 20.6564, 0.6026,
0.3549


■ 35.1398, 0.4562,
0.3620

■ 19.7326, 0.6141,
0.3506

■ 41.0285, 0.4201,
0.3568


■ 47.9287, 0.3886,
0.3507

■ 55.8855, 0.3618,
0.3442

 64.9415, 0.3394,
0.3379

 75.1367, 0.3208,
0.3318

 86.5091, 0.3053,
0.3263

 95.8910, 0.2987,
0.3290

Harmonies

Analogous

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



26.1967, 0.4941, 0.2941



26.1967, 0.5361, 0.3657



26.1967, 0.5021, 0.4435

Triad

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



26.1967, 0.5361, 0.3657



26.1967, 0.2213, 0.4666



26.1967, 0.1857, 0.1681

Complementary

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



26.1967, 0.5361, 0.3657



44.3931, 0.2162, 0.2731

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.



26.1967, 0.1412, 0.1788



26.1967, 0.5361, 0.3657



26.1967, 0.1549, 0.3294

Square

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



26.1967, 0.5361, 0.3657



26.1967, 0.3191, 0.5451



26.1967, 0.1304, 0.2278



26.1967, 0.2693, 0.1867

Rectangle

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



26.1967, 0.5361, 0.3657



26.1967, 0.4510, 0.4956



26.1967, 0.1304, 0.2278



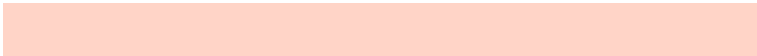
26.1967, 0.1668, 0.1681

Sweetspot

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



26.1982, 0.5361, 0.3657



72.3714, 0.3550, 0.3424



24.0840, 0.3648, 0.1972



14.8636, 0.3614, 0.3441



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.



26.1982, 0.5361, 0.3657



26.8264, 0.5905, 0.3587



51.1906, 0.4493, 0.4519



14.9035, 0.3287, 0.3345



11.1157, 0.6115, 0.3527



0.9604, 0.5833, 0.3751

Inverse Universe

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



44.3931, 0.2162, 0.2731



49.7596, 0.2069, 0.2598



17.2995, 0.1839, 0.1473



15.7443, 0.2981, 0.3235



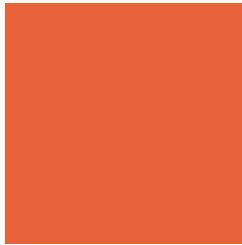
21.2453, 0.2037, 0.2532



1.7074, 0.2071, 0.2655

Previews

White Background



This preview shows how the Yxy color 26.1967, 0.5361, 0.3657 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 26.1967, 0.5361, 0.3657 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 26.1967, 0.5361, 0.3657

Background



This preview shows how black text looks on a background with the Yxy color 26.1967, 0.5361, 0.3657.



This preview shows how white text looks on a background with the Yxy color 26.1967, 0.5361, 0.3657.

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

26.1967, 0.5361, 0.3657

Protanopia

26.4732, 0.4000, 0.4379

Deuteranopia

26.1108, 0.4491, 0.4405



Tritanopia

26.2220, 0.4946, 0.3234

Trichromacy



Original Color

26.1967, 0.5361, 0.3657

Protanomaly

25.1279, 0.4527, 0.4085

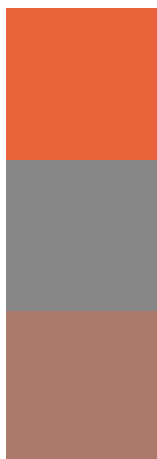
Deuteranomaly

25.4166, 0.4848, 0.4094

Tritanomaly

26.1481, 0.5116, 0.3404

Monochromacy



Original Color

26.1967, 0.5361, 0.3657

Achromatopsia

23.8398, 0.3127, 0.3290

Achromatomaly

23.2614, 0.3940, 0.3523

CSS Examples

Text

The CSS property to change the color of the text to Yxy 26.1967, 0.5361, 0.3657 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(232, 98, 58)` looks like.

```
.text, #text, p{  
    color:rgb(232, 98, 58)  
}
```

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(232, 98, 58) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(232, 98, 58) }
```

Border

The CSS property to change the border of an element to Yxy 26.1967, 0.5361, 0.3657 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(232, 98, 58) }
```

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

```
.border{ border-color:rgb(232, 98, 58) }
```

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

Here you see how a box with a 4 pixel `rgb(232, 98, 58)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(232, 98, 58); -webkit-box-  
shadow:4px 4px 4px 4px rgb(232, 98, 58);  
box-shadow:4px 4px 4px 4px rgb(232, 98,  
58) }
```


Background

The CSS property to change the background color of an element to Yxy 26.1967, 0.5361, 0.3657 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(232, 98, 58) }
```

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

```
.background{ background-color: rgb(232, 98,  
58) }
```

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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