

Converting Colors

$Y_{xy}(30.5314, 0.5138, 0.3864)$

Have a look what the booklet for
Yxy(30.5314, 0.5138, 0.3864)
contains.

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Color

Yxy(30.4284, 0.5142, 0.3859)

Conversions

Conversions Part 1

Format	Color
Hex	E8763B
RGB	232, 118, 59
RGB Percent	91%, 46%, 23%
CMY	0.0902, 0.5372, 0.7685
CMYK	0.00, 0.49, 0.75, 0.09
HSL	20°, 79%, 57%
HSV	20°, 75%, 91%
XYZ	40.5449, 30.4284, 7.8772
YIQ	145.3600, 86.8830, 5.8190

Conversions

Conversions Part 2

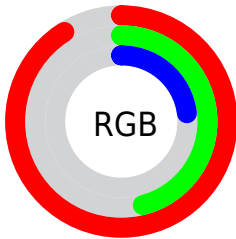
Format	Color
R _Y B	232, 149, 59
Decimal	15234619
CIE _{Lab}	62.02, 40.09, 51.18
CIE _{LCh}	62, 65.014, 51.933
Y _{xy}	30.4284, 0.5142, 0.3859
Android (android.graphics.Color)	4293424699 (0xFFE8763B)
Y _{UV}	145.3600, -42.5755, 75.9833
Hunter-Lab	55.1619, 34.6670, 30.1467

Details

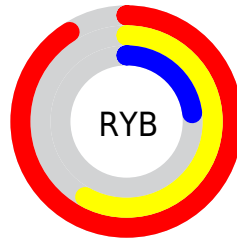
The Yxy color **30.4284, 0.5142, 0.3859** is a dark color, and the websafe version is hex **CC6633**. The color can be described as middle washed orange. A complement of this color would be **36.6446, 0.2092, 0.2448**, and the grayscale version is **28.6224, 0.3127, 0.3290**.

A 20% lighter version of the original color is **51.8692, 0.4451, 0.3929**, and **12.5713, 0.5679, 0.3836** is the 20% darker color. If you saturate the color by 10%, you get **26.9264, 0.5475, 0.3837**, and if you desaturate by 10%, it is **34.6241, 0.4788, 0.3835**.

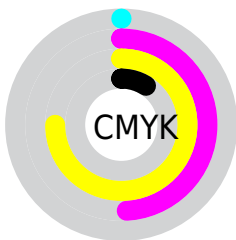
Distribution



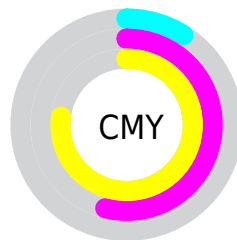
- Red (91%)
- Green (46%)
- Blue (23%)



- Red (91%)
- Yellow (58%)
- Blue (23%)



- Cyan (0%)
- Magenta (49%)
- Yellow (75%)
- Black (9%)




- Cyan (9%)
- Magenta (54%)
- Yellow (77%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 30.4284, 0.5142, 0.3859 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 30.4284, 0.5142, 0.3859 by changing the saturation by 10% instead.


 30.4284, 0.5142,
0.3859


 30.4284, 0.5142,
0.3859


303.8962, 0.4100,
0.3670


 20.1640, 0.5388,
0.3860


 60.3390, 0.4768,
0.3822


 12.5143, 0.5685,
0.3829


 80.7540, 0.4625,
0.3798

 7.0950, 0.6086,
0.3765


 105.3213, 0.4503,
0.3774

 3.5216, 0.6469,
0.3531

 134.4253, 0.4399,
0.3750

 1.4097, 0.6919,
0.3081

 168.4504, 0.4309,
0.3728

 0.2239, 0.8473,
0.1527

 207.7810, 0.4230,

 0.0000, 1.0000,

0.3707

0.0000

252.8015, 0.4161,
0.3688

■ 0.0000, 0.0000,
0.0000

■ 30.4284, 0.5142,
0.3859

■ 30.4284, 0.5142,
0.3859

■ 26.9264, 0.5475,
0.3837

■ 34.6241, 0.4788,
0.3835

■ 24.0698, 0.5754,
0.3765


■ 39.5474, 0.4443,
0.3776

■ 22.7631, 0.5882,
0.3711


■ 45.2352, 0.4123,
0.3695


■ 51.7205, 0.3838,
0.3604

■ 59.0340, 0.3591,
0.3509

 67.2048, 0.3379,
0.3416

 76.2604, 0.3200,
0.3328

 86.2271, 0.3047,
0.3246

 95.8942, 0.2987,
0.3290

Harmonies

Analogous

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



30.4284, 0.4936, 0.3166



30.4284, 0.5142, 0.3859



30.4284, 0.4715, 0.4578

Triad

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



30.4284, 0.5142, 0.3859



30.4284, 0.2107, 0.4194



30.4284, 0.2138, 0.1825

Complementary

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



30.4284, 0.5142, 0.3859



36.6446, 0.2092, 0.2448

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.



30.4284, 0.1622, 0.1854



30.4284, 0.5142, 0.3859



30.4284, 0.1584, 0.3015

Square

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



30.4284, 0.5142, 0.3859



30.4284, 0.2961, 0.5113



30.4284, 0.1439, 0.2215



30.4284, 0.3007, 0.2068

Rectangle

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



30.4284, 0.5142, 0.3859



30.4284, 0.4204, 0.4999



30.4284, 0.1439, 0.2215



30.4284, 0.1927, 0.1802

Sweetspot

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



30.4300, 0.5142, 0.3859



75.5383, 0.3536, 0.3486



23.3538, 0.3924, 0.2155



15.6021, 0.3597, 0.3512



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.



30.4300, 0.5142, 0.3859



31.5387, 0.5620, 0.3808



60.2591, 0.4314, 0.4687



15.1674, 0.3284, 0.3371



12.8484, 0.5853, 0.3735



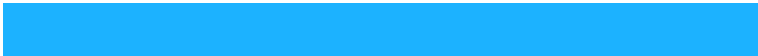
1.1170, 0.5571, 0.3959

Inverse Universe

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



36.6446, 0.2092, 0.2448



39.1502, 0.1977, 0.2252



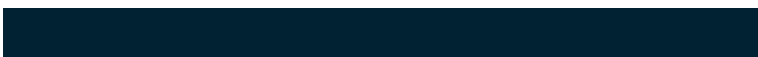
13.7115, 0.1780, 0.1230



15.4652, 0.2981, 0.3208



16.1032, 0.1927, 0.2137



1.3607, 0.1979, 0.2325

Previews

White Background



This preview shows how the Yxy color 30.4284, 0.5142, 0.3859 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

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 30.4284, 0.5142, 0.3859 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 ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 30.4284, 0.5142, 0.3859

Background



This preview shows how black text looks on a background with the Yxy color 30.4284, 0.5142, 0.3859.



This preview shows how white text looks on a background with the Yxy color 30.4284, 0.5142, 0.3859.

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

30.4284, 0.5142, 0.3859

Protanopia

30.7784, 0.4072, 0.4464

Deuteranopia

30.5842, 0.4501, 0.4415



Tritanopia

30.3630, 0.4571, 0.3207

Trichromacy



Original Color

30.4284, 0.5142, 0.3859

Protanomaly

29.9233, 0.4480, 0.4232

Deuteranomaly

30.1634, 0.4744, 0.4194

Tritanomaly

30.3901, 0.4815, 0.3475

Monochromacy



Original Color

30.4284, 0.5142, 0.3859

Achromatopsia

28.3149, 0.3127, 0.3290

Achromatomaly

27.8900, 0.3852, 0.3601

CSS Examples

Text

The CSS property to change the color of the text to Yxy 30.4284, 0.5142, 0.3859 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, 118, 59)` looks like.

```
.text, #text, p{  
    color:rgb(232, 118, 59)  
}
```

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, 118, 59) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(232, 118, 59) }
```

Border

The CSS property to change the border of an element to Yxy 30.4284, 0.5142, 0.3859 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, 118, 59) }
```

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

```
.border{ border-color:rgb(232, 118, 59) }
```

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

Here you see how a box with a 4 pixel `rgb(232, 118, 59)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(232, 118, 59); -webkit-box-  
shadow:4px 4px 4px 4px rgb(232, 118, 59);  
box-shadow:4px 4px 4px 4px rgb(232, 118,  
59) }
```


Background

The CSS property to change the background color of an element to Yxy 30.4284, 0.5142, 0.3859 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(232, 118, 59) }
```

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

```
.background{ background-color: rgb(232,  
118, 59) }
```

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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