

Converting Colors

$Yxy(28.1423, 0.5475, 0.3936)$

Have a look what the booklet for
Yxy(28.1423, 0.5475, 0.3936)
contains.

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Color

Yxy(28.1147, 0.5475, 0.3934)

Conversions

Conversions Part 1

Format	Color
Hex	E96C18
RGB	233, 108, 24
RGB Percent	91%, 42%, 9%
CMY	0.0863, 0.5764, 0.9062
CMYK	0.00, 0.54, 0.90, 0.09
HSL	24°, 83%, 50%
HSV	24°, 90%, 91%
XYZ	39.1276, 28.1147, 4.2236
YIQ	135.7990, 101.4640, 0.3760

Conversions

Conversions Part 2

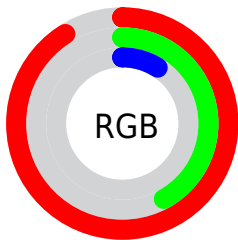
Format	Color
R _Y B	233, 164, 24
Decimal	15297560
CIE Lab	59.99, 44.40, 63.32
CIE LCh	60, 77.333, 54.963
Yxy	28.1147, 0.5475, 0.3934
Android (android.graphics.Color)	4293487640 (0xFFE96C18)
YUV	135.7990, -55.1169, 85.2453
Hunter-Lab	53.0233, 38.9301, 32.3935

Details

The Yxy color **28.1147, 0.5475, 0.3934** is a dark color, and the websafe version is hex **CC6600**. The color can be described as dark washed orange. A complement of this color would be **27.5316, 0.1921, 0.2049**, and the grayscale version is **24.7220, 0.3127, 0.3290**.

A 20% lighter version of the original color is **47.6652, 0.4754, 0.4077**, and **11.3744, 0.5877, 0.3716** is the 20% darker color. If you saturate the color by 10%, you get **25.3448, 0.5709, 0.3847**, and if you desaturate by 10%, it is **31.4341, 0.5191, 0.3973**.

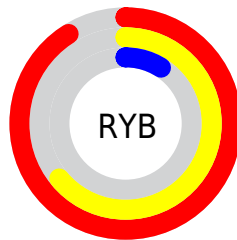
Distribution



Red (91%)

Green (42%)

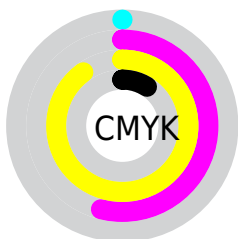
Blue (9%)



Red (91%)

Yellow (64%)

Blue (9%)

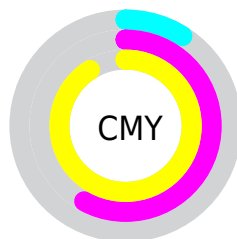


Cyan (0%)

Magenta (54%)

Yellow (90%)

Black (9%)



Cyan (9%)


Magenta (58%)


Yellow (91%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 28.1147, 0.5475, 0.3934 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 28.1147, 0.5475, 0.3934 by changing the saturation by 10% instead.


 28.1147, 0.5475,
0.3934


 28.1147, 0.5475,
0.3934


293.0146, 0.4292,
0.3770

 18.4121, 0.5729,
0.3901


 56.6675, 0.5067,
0.3927


 11.2463, 0.6038,
0.3828


 76.2866, 0.4905,
0.3907

 6.2327, 0.6354,
0.3646

 99.9799, 0.4766,
0.3885

 2.9871, 0.6691,
0.3309

 128.1319, 0.4645,
0.3860

 1.1250, 0.7212,
0.2788

 161.1270, 0.4539,
0.3836

 0.0000, 1.0000,
0.0000

 199.3495, 0.4447,

 0.0000, 0.0000,

0.3813

0.0000

243.1839, 0.4365,
0.3791

28.1147, 0.5475,
0.3934

28.1147, 0.5475,
0.3934

25.3448, 0.5709,
0.3847

31.4341, 0.5191,
0.3973

25.2783, 0.5715,
0.3844

35.3422, 0.4874,
0.3960

39.8742, 0.4551,
0.3903

45.0602, 0.4240,
0.3818

50.9281, 0.3955,
0.3715

■ 57.5039, 0.3701,
0.3605

■ 64.8119, 0.3479,
0.3495

■ 72.8754, 0.3287,
0.3388

■ 81.7164, 0.3123,
0.3287

Harmonies

Analogous

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



28.1147, 0.5379, 0.3163



28.1147, 0.5475, 0.3934



28.1147, 0.4843, 0.4792

Triad

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



28.1147, 0.5475, 0.3934



28.1147, 0.1807, 0.4249



28.1147, 0.2038, 0.1612

Complementary

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



28.1147, 0.5475, 0.3934



27.5316, 0.1921, 0.2049

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.



28.1147, 0.1428, 0.1599



28.1147, 0.5475, 0.3934



28.1147, 0.1288, 0.2791

Square

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



28.1147, 0.5475, 0.3934



28.1147, 0.2751, 0.5514



28.1147, 0.1188, 0.1935



28.1147, 0.3089, 0.1913

Rectangle

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



28.1147, 0.5475, 0.3934



28.1147, 0.4201, 0.5338



28.1147, 0.1188, 0.1935



28.1147, 0.1787, 0.1575

Sweetspot

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



28.1163, 0.5475, 0.3934



72.8276, 0.3640, 0.3576



20.1522, 0.4379, 0.2241



14.9568, 0.3721, 0.3614



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.



28.1163, 0.5475, 0.3934



30.8780, 0.5723, 0.3838



64.5128, 0.4339, 0.4883



16.0487, 0.3283, 0.3385



14.5732, 0.5688, 0.3866



1.3284, 0.5435, 0.4066

Inverse Universe

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



27.5316, 0.1921, 0.2049



29.8117, 0.1858, 0.1887



7.9386, 0.1574, 0.0780



16.0463, 0.2981, 0.3193



14.1088, 0.1866, 0.1917



1.2956, 0.1924, 0.2127

Previews

White Background



This preview shows how the Yxy color 28.1147, 0.5475, 0.3934 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 28.1147, 0.5475, 0.3934 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 28.1147, 0.5475, 0.3934

Background



This preview shows how black text looks on a background with the Yxy color 28.1147, 0.5475, 0.3934.



This preview shows how white text looks on a background with the Yxy color 28.1147, 0.5475, 0.3934.

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

28.1147, 0.5475, 0.3934

Protanopia

28.1528, 0.4305, 0.4750

Deuteranopia

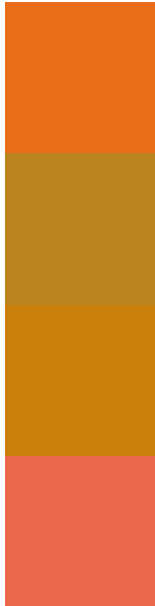
28.2442, 0.4706, 0.4645



Tritanopia

28.2018, 0.4802, 0.3232

Trichromacy



Original Color

28.1147, 0.5475, 0.3934

Protanomaly

27.2876, 0.4755, 0.4439

Deuteranomaly

27.6160, 0.5015, 0.4366

Tritanomaly

28.0986, 0.5136, 0.3559

Monochromacy



Original Color

28.1147, 0.5475, 0.3934

Achromatopsia

24.6201, 0.3127, 0.3290

Achromatomaly

24.4059, 0.4057, 0.3762

CSS Examples

Text

The CSS property to change the color of the text to Yxy 28.1147, 0.5475, 0.3934 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(233, 108, 24)` looks like.

```
.text, #text, p{  
    color:rgb(233, 108, 24)  
}
```

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(233, 108, 24) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(233, 108, 24) }
```

Border

The CSS property to change the border of an element to Yxy 28.1147, 0.5475, 0.3934 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(233, 108, 24) }
```

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

```
.border{ border-color:rgb(233, 108, 24) }
```

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

Here you see how a box with a 4 pixel rgb(233, 108, 24) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(233, 108, 24); -webkit-box-  
shadow:4px 4px 4px 4px rgb(233, 108, 24);  
box-shadow:4px 4px 4px 4px rgb(233, 108,  
24) }
```


Background

The CSS property to change the background color of an element to Yxy 28.1147, 0.5475, 0.3934 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(233, 108, 24) }
```

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

```
.background{ background-color: rgb(233,  
108, 24) }
```

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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