

Converting Colors

$Y_{xy}(27.7964, 0.5185, 0.3875)$

Have a look what the booklet for
Yxy(27.7964, 0.5185, 0.3875)
contains.

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Color

Yxy(27.9146, 0.5179, 0.3877)

Conversions

Conversions Part 1

Format	Color
Hex	E07135
RGB	224, 113, 53
RGB Percent	88%, 44%, 21%
CMY	0.1216, 0.5568, 0.7920
CMYK	0.00, 0.50, 0.76, 0.12
HSL	21°, 73%, 54%
HSV	21°, 76%, 88%
XYZ	37.2891, 27.9146, 6.7968
YIQ	139.3490, 85.4160, 4.8720

Conversions

Conversions Part 2

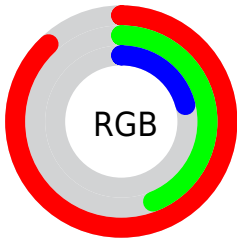
Format	Color
R_{YB}	224, 145, 53
Decimal	14709045
CIE _{Lab}	59.81, 39.26, 51.37
CIE _{LCh}	60, 64.654, 52.614
Yxy	27.9146, 0.5179, 0.3877
Android (android.graphics.Color)	4292899125 (0xFFE07135)
YUV	139.3490, -42.5701, 74.2389
Hunter-Lab	52.8343, 33.5207, 29.3566

Details

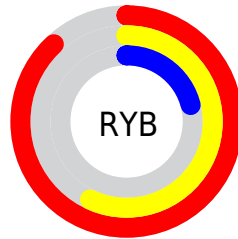
The Yxy color **27.9146, 0.5179, 0.3877** is a dark color, and the websafe version is hex **CC6633**. The color can be described as middle washed orange. A complement of this color would be **32.7071, 0.2070, 0.2400**, and the grayscale version is **26.1061, 0.3127, 0.3290**.

A 20% lighter version of the original color is **49.8767, 0.4535, 0.3933**, and **11.1266, 0.5728, 0.3834** is the 20% darker color. If you saturate the color by 10%, you get **24.7662, 0.5500, 0.3849**, and if you desaturate by 10%, it is **31.6824, 0.4832, 0.3858**.

Distribution



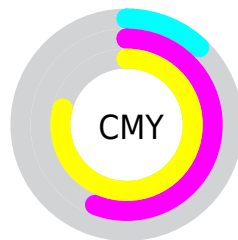
- Red (88%)
- Green (44%)
- Blue (21%)



- Red (88%)
- Yellow (57%)
- Blue (21%)



- Cyan (0%)
- Magenta (50%)
- Yellow (76%)
- Black (12%)




- Cyan (12%)
- Magenta (56%)
- Yellow (79%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 27.9146, 0.5179, 0.3877 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 27.9146, 0.5179, 0.3877 by changing the saturation by 10% instead.


 27.9146, 0.5179,
0.3877


 27.9146, 0.5179,
0.3877


292.0586, 0.4107,
0.3681


 18.2613, 0.5434,
0.3875


 56.3481, 0.4793,
0.3840


 11.1377, 0.5740,
0.3837


 75.8970, 0.4645,
0.3815


 6.1596, 0.6208,
0.3791

 99.5133, 0.4520,
0.3789

 2.9423, 0.6523,
0.3477

 127.5813, 0.4413,
0.3765

 1.1017, 0.7018,
0.2982

 160.4855, 0.4321,
0.3742

 0.0000, 1.0000,
0.0000

 198.6101, 0.4240,

 0.0000, 0.0000,

0.3720

0.0000

242.3397, 0.4170,
0.3699

■ 27.9146, 0.5179,
0.3877

■ 27.9146, 0.5179,
0.3877

■ 24.7662, 0.5500,
0.3849

■ 31.6824, 0.4832,
0.3858

■ 22.1931, 0.5766,
0.3770

■ 36.0999, 0.4488,
0.3801

■ 21.3758, 0.5853,
0.3734


■ 41.2006, 0.4168,
0.3721


■ 47.0140, 0.3880,
0.3629

■ 53.5676, 0.3629,
0.3532

 60.8876, 0.3413,
0.3436

 68.9984, 0.3229,
0.3345

 77.9238, 0.3073,
0.3259

 87.6862, 0.2940,
0.3180

Harmonies

Analogous

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



27.9146, 0.4990, 0.3174



27.9146, 0.5179, 0.3877



27.9146, 0.4725, 0.4611

Triad

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



27.9146, 0.5179, 0.3877



27.9146, 0.2067, 0.4188



27.9146, 0.2134, 0.1802

Complementary

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



27.9146, 0.5179, 0.3877



32.7071, 0.2070, 0.2400

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.



27.9146, 0.1604, 0.1823



27.9146, 0.5179, 0.3877



27.9146, 0.1547, 0.2981

Square

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



27.9146, 0.5179, 0.3877



27.9146, 0.2930, 0.5150



27.9146, 0.1410, 0.2178



27.9146, 0.3026, 0.2055

Rectangle

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



27.9146, 0.5179, 0.3877



27.9146, 0.4198, 0.5042



27.9146, 0.1410, 0.2178



27.9146, 0.1917, 0.1777

Sweetspot

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



27.9161, 0.5179, 0.3877



74.8457, 0.3557, 0.3501



21.0844, 0.3991, 0.2173



15.2850, 0.3640, 0.3537



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.



27.9161, 0.5179, 0.3877



30.9485, 0.5677, 0.3804



56.6562, 0.4308, 0.4725



14.4829, 0.3283, 0.3373



12.6379, 0.5826, 0.3756



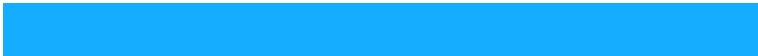
1.0400, 0.5529, 0.3992

Inverse Universe

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



32.7071, 0.2070, 0.2400



37.1537, 0.1950, 0.2180



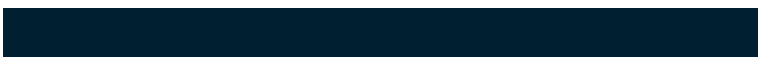
11.6879, 0.1748, 0.1155



14.7210, 0.2982, 0.3206



15.2218, 0.1918, 0.2104



1.2212, 0.1974, 0.2308

Previews

White Background



This preview shows how the Yxy color 27.9146, 0.5179, 0.3877 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 27.9146, 0.5179, 0.3877 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 27.9146, 0.5179, 0.3877

Background



This preview shows how black text looks on a background with the Yxy color 27.9146, 0.5179, 0.3877.



This preview shows how white text looks on a background with the Yxy color 27.9146, 0.5179, 0.3877.

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

27.9146, 0.5179, 0.3877

Protanopia

28.1757, 0.4110, 0.4507

Deuteranopia

27.9123, 0.4532, 0.4439



Tritanopia

27.8539, 0.4587, 0.3205

Trichromacy



Original Color

27.9146, 0.5179, 0.3877

Protanomaly

27.2812, 0.4515, 0.4256

Deuteranomaly

27.5304, 0.4786, 0.4210

Tritanomaly

27.8787, 0.4839, 0.3480

Monochromacy



Original Color

27.9146, 0.5179, 0.3877

Achromatopsia

25.8183, 0.3127, 0.3290

Achromatomaly

25.5940, 0.3865, 0.3628

CSS Examples

Text

The CSS property to change the color of the text to Yxy 27.9146, 0.5179, 0.3877 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(224, 113, 53)` looks like.

```
.text, #text, p{  
    color:rgb(224, 113, 53)  
}
```

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(224, 113, 53) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(224, 113, 53) }
```

Border

The CSS property to change the border of an element to Yxy 27.9146, 0.5179, 0.3877 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(224, 113, 53) }
```

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

```
.border{ border-color:rgb(224, 113, 53) }
```

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

Here you see how a box with a 4 pixel `rgb(224, 113, 53)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(224, 113, 53); -webkit-box-  
shadow:4px 4px 4px 4px rgb(224, 113, 53);  
box-shadow:4px 4px 4px 4px rgb(224, 113,  
53) }
```


Background

The CSS property to change the background color of an element to Yxy 27.9146, 0.5179, 0.3877 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(224, 113, 53) }
```

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

```
.background{ background-color: rgb(224,  
113, 53) }
```

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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