

Converting Colors

$Y_{xy}(27.1367, 0.5129, 0.3890)$

Have a look what the booklet for
Yxy(27.1367, 0.5129, 0.3890)
contains.

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Color

Yxy(27.1367, 0.5129, 0.3890)

Conversions

Conversions Part 1

Format	Color
Hex	DB7136
RGB	219, 113, 54
RGB Percent	86%, 44%, 21%
CMY	0.1413, 0.5568, 0.7882
CMYK	0.00, 0.48, 0.75, 0.14
HSL	21°, 70%, 54%
HSV	21°, 75%, 86%
XYZ	35.7800, 27.1367, 6.8435
YIQ	137.9680, 82.1150, 4.1230

Conversions

Conversions Part 2

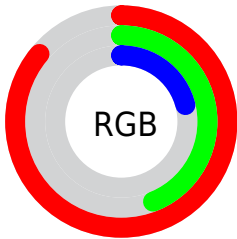
Format	Color
R _Y B	219, 146, 54
Decimal	14381366
CIE Lab	59.10, 37.32, 49.97
CIE LCh	59, 62.362, 53.247
Yxy	27.1367, 0.5129, 0.3890
Android (android.graphics.Color)	4292571446 (0xFFDB7136)
YUV	137.9680, -41.3962, 71.0651
Hunter-Lab	52.0929, 31.4401, 28.6761

Details

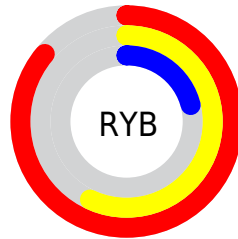
The Yxy color **27.1367, 0.5129, 0.3890** is a dark color, and the websafe version is hex **CC6633**. The color can be described as dark muted orange. A complement of this color would be **31.0293, 0.2075, 0.2397**, and the grayscale version is **25.5427, 0.3127, 0.3290**.

A 20% lighter version of the original color is **49.5319, 0.4534, 0.3914**, and **10.7143, 0.5698, 0.3858** is the 20% darker color. If you saturate the color by 10%, you get **24.0770, 0.5451, 0.3869**, and if you desaturate by 10%, it is **30.7783, 0.4785, 0.3865**.

Distribution



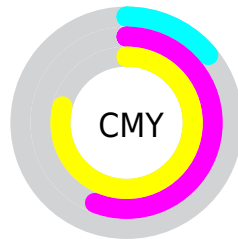
- Red (86%)
- Green (44%)
- Blue (21%)



- Red (86%)
- Yellow (57%)
- Blue (21%)



- Cyan (0%)
- Magenta (48%)
- Yellow (75%)
- Black (14%)





- Cyan (14%)
- Magenta (56%)
- Yellow (79%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 27.1367, 0.5129, 0.3890 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 27.1367, 0.5129, 0.3890 by changing the saturation by 10% instead.


 27.1367, 0.5129,
0.3890


 27.1367, 0.5129,
0.3890


288.3184, 0.4076,
0.3679


 17.6759, 0.5382,
0.3894


 55.1031, 0.4747,
0.3846

 10.7176, 0.5689,
0.3863


 74.3776, 0.4602,
0.3818


 5.8773, 0.6162,
0.3828


 97.6921, 0.4479,
0.3791


 2.7706, 0.6481,
0.3519

 125.4309, 0.4375,
0.3766

 1.0132, 0.6981,
0.3019

 157.9786, 0.4284,
0.3741

 0.0000, 1.0000,
0.0000

 195.7195, 0.4206,

 0.0000, 0.0000,

0.3719

0.0000

239.0379, 0.4137,
0.3698

■ 27.1367, 0.5129,
0.3890

■ 27.1367, 0.5129,
0.3890

■ 24.0770, 0.5451,
0.3869

■ 30.7783, 0.4785,
0.3865

■ 21.5590, 0.5722,
0.3795


■ 35.0293, 0.4447,
0.3804

■ 20.5523, 0.5832,
0.3751


■ 39.9204, 0.4132,
0.3720


■ 45.4785, 0.3850,
0.3625

■ 51.7290, 0.3604,
0.3527

 58.6959, 0.3393,
0.3429

 66.4017, 0.3212,
0.3337

 74.8682, 0.3059,
0.3251

 84.1161, 0.2928,
0.3171

Harmonies

Analogous

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



27.1367, 0.4954, 0.3197



27.1367, 0.5129, 0.3890



27.1367, 0.4682, 0.4606

Triad

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



27.1367, 0.5129, 0.3890



27.1367, 0.2080, 0.4138



27.1367, 0.2172, 0.1834

Complementary

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



27.1367, 0.5129, 0.3890



31.0293, 0.2075, 0.2397

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.



27.1367, 0.1642, 0.1850



27.1367, 0.5129, 0.3890



27.1367, 0.1574, 0.2972

Square

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



27.1367, 0.5129, 0.3890



27.1367, 0.2921, 0.5083



27.1367, 0.1445, 0.2195



27.1367, 0.3053, 0.2088

Rectangle

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



27.1367, 0.5129, 0.3890



27.1367, 0.4164, 0.5017



27.1367, 0.1445, 0.2195



27.1367, 0.1956, 0.1808

Sweetspot

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



27.1382, 0.5129, 0.3890



75.0570, 0.3556, 0.3506



20.2780, 0.3974, 0.2179



15.3355, 0.3639, 0.3541



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.



27.1382, 0.5129, 0.3890



31.9717, 0.5607, 0.3835



54.0109, 0.4297, 0.4715



13.8100, 0.3283, 0.3374



12.3779, 0.5805, 0.3773



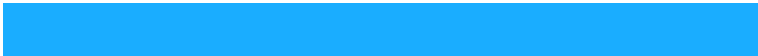
0.9616, 0.5493, 0.4021

Inverse Universe

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



31.0293, 0.2075, 0.2397



37.2849, 0.1956, 0.2184



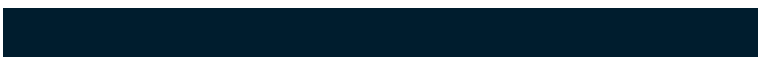
11.4550, 0.1764, 0.1183



14.0052, 0.2982, 0.3204



14.4835, 0.1911, 0.2080



1.0990, 0.1972, 0.2300

Previews

White Background



This preview shows how the Yxy color 27.1367, 0.5129, 0.3890 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 27.1367, 0.5129, 0.3890 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 27.1367, 0.5129, 0.3890

Background



This preview shows how black text looks on a background with the Yxy color 27.1367, 0.5129, 0.3890.



This preview shows how white text looks on a background with the Yxy color 27.1367, 0.5129, 0.3890.

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

27.1367, 0.5129, 0.3890

Protanopia

27.3747, 0.4097, 0.4483

Deuteranopia

27.4054, 0.4508, 0.4424



Tritanopia

27.0526, 0.4535, 0.3202

Trichromacy



Original Color

27.1367, 0.5129, 0.3890

Protanomaly

26.6525, 0.4484, 0.4250

Deuteranomaly

27.1380, 0.4748, 0.4219

Tritanomaly

27.0821, 0.4791, 0.3486

Monochromacy



Original Color

27.1367, 0.5129, 0.3890

Achromatopsia

25.4152, 0.3127, 0.3290

Achromatomaly

24.9775, 0.3846, 0.3633

CSS Examples

Text

The CSS property to change the color of the text to Yxy 27.1367, 0.5129, 0.3890 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(219, 113, 54)` looks like.

```
.text, #text, p{  
    color:rgb(219, 113, 54)  
}
```

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(219, 113, 54) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(219, 113, 54) }
```

Border

The CSS property to change the border of an element to Yxy 27.1367, 0.5129, 0.3890 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(219, 113, 54) }
```

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

```
.border{ border-color:rgb(219, 113, 54) }
```

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

Here you see how a box with a 4 pixel `rgb(219, 113, 54)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(219, 113, 54); -webkit-box-  
shadow:4px 4px 4px 4px rgb(219, 113, 54);  
box-shadow:4px 4px 4px 4px rgb(219, 113,  
54) }
```


Background

The CSS property to change the background color of an element to Yxy 27.1367, 0.5129, 0.3890 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(219, 113, 54) }
```

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

```
.background{ background-color: rgb(219,  
113, 54) }
```

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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