

Converting Colors

$Yxy(27.4876, 0.5096, 0.3724)$

Have a look what the booklet for
Yxy(27.4876, 0.5096, 0.3724)
contains.

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Color

Yxy(27.5647, 0.5097, 0.3732)

Conversions

Conversions Part 1

Format	Color
Hex	E16E43
RGB	225, 110, 67
RGB Percent	88%, 43%, 26%
CMY	0.1176, 0.5687, 0.7372
CMYK	0.00, 0.51, 0.70, 0.12
HSL	16°, 72%, 57%
HSV	16°, 70%, 88%
XYZ	37.6466, 27.5647, 8.6491
YIQ	139.4830, 82.3430, 11.0070

Conversions

Conversions Part 2

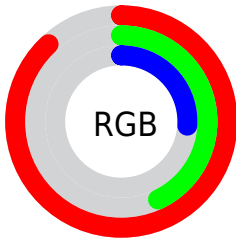
Format	Color
RYB	225, 126, 67
Decimal	14773827
CIELab	59.49, 41.79, 44.19
CIELCh	59, 60.822, 46.594
Yxy	27.5647, 0.5097, 0.3732
Android (android.graphics.Color)	4292963907 (0xFFE16E43)
YUV	139.4830, -35.7341, 74.9984
Hunter-Lab	52.5021, 36.1148, 26.9842

Details

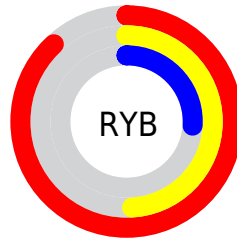
The Yxy color **27.5647, 0.5097, 0.3732** is a dark color, and the websafe version is hex **CC6633**. The color can be described as middle muted orange. A complement of this color would be **40.1097, 0.2176, 0.2673**, and the grayscale version is **26.1320, 0.3127, 0.3290**.

A 20% lighter version of the original color is **49.0953, 0.4438, 0.3774**, and **10.9656, 0.5695, 0.3686** is the 20% darker color. If you saturate the color by 10%, you get **24.1326, 0.5473, 0.3722**, and if you desaturate by 10%, it is **31.7582, 0.4712, 0.3705**.

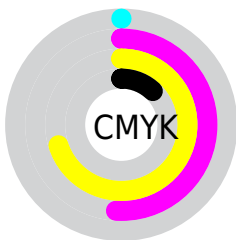
Distribution



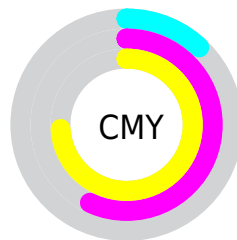
- Red (88%)
- Green (43%)
- Blue (26%)



- Red (88%)
- Yellow (49%)
- Blue (26%)



- Cyan (0%)
- Magenta (51%)
- Yellow (70%)
- Black (12%)




- Cyan (12%)
- Magenta (57%)
- Yellow (74%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 27.5647, 0.5097, 0.3732 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 27.5647, 0.5097, 0.3732 by changing the saturation by 10% instead.


 27.5647, 0.5097,
0.3732


 27.5647, 0.5097,
0.3732


290.3810, 0.4049,
0.3591

 17.9978, 0.5359,
0.3726


 55.7887, 0.4711,
0.3708


 10.9484, 0.5685,
0.3689


 75.2146, 0.4566,
0.3690

 6.0321, 0.6117,
0.3605


 98.6956, 0.4445,
0.3672

 2.8646, 0.6623,
0.3377

 126.6161, 0.4342,
0.3654

 1.0615, 0.7143,
0.2857

 159.3605, 0.4253,
0.3636

 0.0000, 1.0000,
0.0000

197.3132, 0.4176,

 0.0000, 0.0000,

0.3620

0.0000

240.8585, 0.4108,
0.3605

■ 27.5647, 0.5097,
0.3732

■ 27.5647, 0.5097,
0.3732

■ 24.1326, 0.5473,
0.3722

■ 31.7582, 0.4712,
0.3705

■ 21.4084, 0.5801,
0.3667


■ 36.7529, 0.4349,
0.3652

■ 19.3699, 0.6049,
0.3579


■ 42.5907, 0.4023,
0.3583


■ 49.3093, 0.3741,
0.3508

■ 56.9440, 0.3501,
0.3433

 65.5282, 0.3299,
0.3360

 75.0935, 0.3131,
0.3291

 85.6699, 0.2989,
0.3228

 94.7515, 0.2946,
0.3289

Harmonies

Analogous

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



27.5647, 0.4770, 0.3061



27.5647, 0.5097, 0.3732



27.5647, 0.4785, 0.4432

Triad

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



27.5647, 0.5097, 0.3732



27.5647, 0.2271, 0.4362



27.5647, 0.2051, 0.1847

Complementary

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



27.5647, 0.5097, 0.3732



40.1097, 0.2176, 0.2673

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.



27.5647, 0.1606, 0.1929



27.5647, 0.5097, 0.3732



27.5647, 0.1690, 0.3214

Square

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



27.5647, 0.5097, 0.3732



27.5647, 0.3139, 0.5117



27.5647, 0.1482, 0.2355



27.5647, 0.2840, 0.2040

Rectangle

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



27.5647, 0.5097, 0.3732



27.5647, 0.4327, 0.4859



27.5647, 0.1482, 0.2355



27.5647, 0.1865, 0.1841

Sweetspot

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



27.5662, 0.5097, 0.3732



74.6167, 0.3522, 0.3440



23.4422, 0.3711, 0.2091



15.3480, 0.3585, 0.3461



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.



27.5662, 0.5097, 0.3732



30.3522, 0.5625, 0.3703



52.4502, 0.4343, 0.4548



14.3040, 0.3285, 0.3354



11.3259, 0.6022, 0.3600



0.9317, 0.5717, 0.3842

Inverse Universe

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



40.1097, 0.2176, 0.2673



47.5055, 0.2066, 0.2526



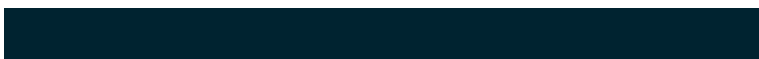
16.5092, 0.1883, 0.1491



14.9089, 0.2982, 0.3225



18.5971, 0.1996, 0.2385



1.4354, 0.2039, 0.2541

Previews

White Background



This preview shows how the Yxy color 27.5647, 0.5097, 0.3732 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 27.5647, 0.5097, 0.3732 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 27.5647, 0.5097, 0.3732

Background



This preview shows how black text looks on a background with the Yxy color 27.5647, 0.5097, 0.3732.



This preview shows how white text looks on a background with the Yxy color 27.5647, 0.5097, 0.3732.

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

27.5647, 0.5097, 0.3732

Protanopia

27.7657, 0.3949, 0.4309

Deuteranopia

27.6932, 0.4390, 0.4319



Tritanopia

27.6039, 0.4620, 0.3216

Trichromacy



Original Color

27.5647, 0.5097, 0.3732

Protanomaly

26.9420, 0.4368, 0.4089

Deuteranomaly

27.1397, 0.4665, 0.4085

Tritanomaly

27.5287, 0.4806, 0.3415

Monochromacy



Original Color

27.5647, 0.5097, 0.3732

Achromatopsia

25.8183, 0.3127, 0.3290

Achromatomaly

25.1766, 0.3815, 0.3521

CSS Examples

Text

The CSS property to change the color of the text to Yxy 27.5647, 0.5097, 0.3732 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(225, 110, 67)` looks like.

```
.text, #text, p{  
    color:rgb(225, 110, 67)  
}
```

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(225, 110, 67) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(225, 110, 67) }
```

Border

The CSS property to change the border of an element to Yxy 27.5647, 0.5097, 0.3732 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(225, 110, 67) }
```

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

```
.border{ border-color:rgb(225, 110, 67) }
```

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

Here you see how a box with a 4 pixel rgb(225, 110, 67) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(225, 110, 67); -webkit-box-  
shadow:4px 4px 4px 4px rgb(225, 110, 67);  
box-shadow:4px 4px 4px 4px rgb(225, 110,  
67) }
```


Background

The CSS property to change the background color of an element to $\text{Yxy } 27.5647, 0.5097, 0.3732$ is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(225, 110, 67) }
```

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

```
.background{ background-color: rgb(225,  
110, 67) }
```

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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