

Converting Colors

$Yxy(29.5442, 0.4966, 0.3953)$

Have a look what the booklet for
Yxy(29.5442, 0.4966, 0.3953)
contains.

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Color

Yxy(29.5522, 0.4969, 0.3957)

Conversions

Conversions Part 1

Format	Color
Hex	DB7B3C
RGB	219, 123, 60
RGB Percent	86%, 48%, 24%
CMY	0.1412, 0.5176, 0.7648
CMYK	0.00, 0.44, 0.73, 0.14
HSL	24°, 69%, 55%
HSV	24°, 73%, 86%
XYZ	37.1102, 29.5522, 8.0210
YIQ	144.5220, 77.4390, 0.7590

Conversions

Conversions Part 2

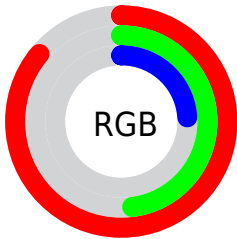
Format	Color
R _Y B	219, 164, 60
Decimal	14383932
CIE Lab	61.27, 32.40, 49.38
CIE LCh	61, 59.059, 56.727
Yxy	29.5522, 0.4969, 0.3957
Android (android.graphics.Color)	4292574012 (0xFFDB7B3C)
YUV	144.5220, -41.6693, 65.3172
Hunter-Lab	54.3619, 26.7196, 29.3052

Details

The Yxy color **29.5522, 0.4969, 0.3957** 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 **29.8403, 0.2077, 0.2336**, and the grayscale version is **28.2606, 0.3127, 0.3290**.

A 20% lighter version of the original color is **53.4365, 0.4415, 0.3960**, and **12.0495, 0.5466, 0.3986** is the 20% darker color. If you saturate the color by 10%, you get **26.3065, 0.5281, 0.3956**, and if you desaturate by 10%, it is **33.3397, 0.4643, 0.3912**.

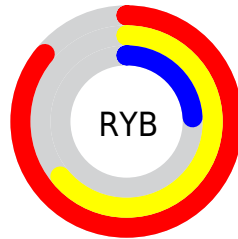
Distribution



Red (86%)

Green (48%)

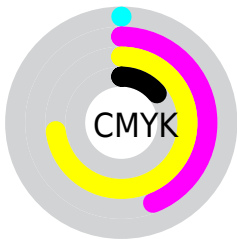
Blue (24%)



Red (86%)

Yellow (64%)

Blue (24%)

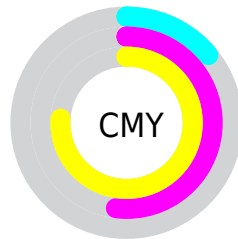


Cyan (0%)

Magenta (44%)

Yellow (73%)

Black (14%)



Cyan (14%)


Magenta (52%)


Yellow (76%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 29.5522, 0.4969, 0.3957 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 29.5522, 0.4969, 0.3957 by changing the saturation by 10% instead.


 29.5522, 0.4969,
0.3957


 29.5522, 0.4969,
0.3957


299.8115, 0.4010,
0.3698

 19.4989, 0.5199,
0.3980


 58.9533, 0.4622,
0.3890

 12.0314, 0.5478,
0.3981


 79.0699, 0.4491,
0.3856


 6.7650, 0.5857,
0.3958


 103.3098, 0.4379,
0.3824

 3.3156, 0.6226,
0.3774

 132.0573, 0.4283,
0.3794

 1.2986, 0.6637,
0.3363

 165.6968, 0.4201,
0.3767

 0.1401, 0.8687,
0.1313

 204.6128, 0.4129,

 0.0000, 0.0000,

0.3742

0.0000

249.1895, 0.4066,
0.3719

■ 29.5522, 0.4969,
0.3957

■ 29.5522, 0.4969,
0.3957

■ 26.3065, 0.5281,
0.3956

■ 33.3397, 0.4643,
0.3912

■ 23.5676, 0.5554,
0.3903

■ 37.6914, 0.4326,
0.3835

■ 21.8433, 0.5725,
0.3836

■ 42.6340, 0.4032,
0.3738

■ 48.1905, 0.3769,
0.3631

■ 54.3828, 0.3538,
0.3522

■ 61.2315, 0.3339,
0.3416

■ 68.7562, 0.3168,
0.3315

■ 76.9756, 0.3021,
0.3221

■ 85.7731, 0.2907,
0.3156

Harmonies

Analogous

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



29.5522, 0.4866, 0.3294



29.5522, 0.4969, 0.3957



29.5522, 0.4518, 0.4612

Triad

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



29.5522, 0.4969, 0.3957



29.5522, 0.2087, 0.3940



29.5522, 0.2319, 0.1939

Complementary

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



29.5522, 0.4969, 0.3957



29.8403, 0.2077, 0.2336

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.



29.5522, 0.1776, 0.1926



29.5522, 0.4969, 0.3957



29.5522, 0.1645, 0.2903

Square

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



29.5522, 0.4969, 0.3957



29.5522, 0.2852, 0.4856



29.5522, 0.1553, 0.2221



29.5522, 0.3176, 0.2207

Rectangle

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



29.5522, 0.4969, 0.3957



29.5522, 0.4022, 0.4951



29.5522, 0.1553, 0.2221



29.5522, 0.2101, 0.1904

Sweetspot

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



29.5538, 0.4969, 0.3957



77.1638, 0.3529, 0.3517



20.7592, 0.4014, 0.2252



15.9827, 0.3589, 0.3547



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.



29.5538, 0.4969, 0.3957



35.0659, 0.5428, 0.3936



56.8986, 0.4223, 0.4731



13.8941, 0.3282, 0.3383



13.1531, 0.5699, 0.3857



1.0174, 0.5400, 0.4095

Inverse Universe

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



29.8403, 0.2077, 0.2336



35.2073, 0.1942, 0.2103



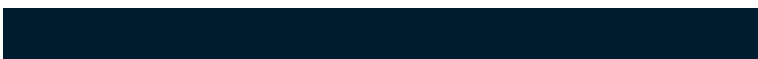
11.5997, 0.1789, 0.1192



13.9183, 0.2982, 0.3195



13.0686, 0.1873, 0.1943



1.0131, 0.1941, 0.2186

Previews

White Background



This preview shows how the Yxy color 29.5522, 0.4969, 0.3957 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 29.5522, 0.4969, 0.3957 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 29.5522, 0.4969, 0.3957

Background



This preview shows how black text looks on a background with the Yxy color 29.5522, 0.4969, 0.3957.



This preview shows how white text looks on a background with the Yxy color 29.5522, 0.4969, 0.3957.

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

29.5522, 0.4969, 0.3957

Protanopia

29.9116, 0.4074, 0.4463

Deuteranopia

29.6399, 0.4470, 0.4384



Tritanopia

29.4756, 0.4342, 0.3199

Trichromacy



Original Color

29.5522, 0.4969, 0.3957

Protanomaly

29.4521, 0.4405, 0.4276

Deuteranomaly

29.2159, 0.4658, 0.4215

Tritanomaly

29.5054, 0.4602, 0.3503

Monochromacy



Original Color

29.5522, 0.4969, 0.3957

Achromatopsia

28.3149, 0.3127, 0.3290

Achromatomaly

27.8769, 0.3783, 0.3637

CSS Examples

Text

The CSS property to change the color of the text to Yxy 29.5522, 0.4969, 0.3957 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, 123, 60)` looks like.

```
.text, #text, p{  
    color:rgb(219, 123, 60)  
}
```

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, 123, 60) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(219, 123, 60) }
```

Border

The CSS property to change the border of an element to Yxy 29.5522, 0.4969, 0.3957 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, 123, 60) }
```

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

```
.border{ border-color:rgb(219, 123, 60) }
```

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

Here you see how a box with a 4 pixel `rgb(219, 123, 60)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(219, 123, 60); -webkit-box-  
shadow:4px 4px 4px 4px rgb(219, 123, 60);  
box-shadow:4px 4px 4px 4px rgb(219, 123,  
60) }
```


Background

The CSS property to change the background color of an element to Yxy 29.5522, 0.4969, 0.3957 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(219, 123, 60) }
```

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

```
.background{ background-color: rgb(219,  
123, 60) }
```

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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