

Converting Colors

$Yxy(23.6674, 0.5527, 0.3889)$

Have a look what the booklet for
Yxy(23.6674, 0.5527, 0.3889)
contains.

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Color

Yxy(23.6674, 0.5527, 0.3889)

Conversions

Conversions Part 1

Format	Color
Hex	DB6116
RGB	219, 97, 22
RGB Percent	86%, 38%, 9%
CMY	0.1411, 0.6196, 0.9137
CMYK	0.00, 0.56, 0.90, 0.14
HSL	23°, 82%, 47%
HSV	23°, 90%, 86%
XYZ	33.6358, 23.6674, 3.5541
YIQ	124.9280, 96.7870, 2.5390

Conversions

Conversions Part 2

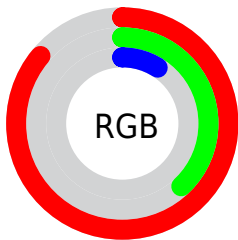
Format	Color
R _Y B	219, 143, 22
Decimal	14377238
CIE Lab	55.75, 44.38, 59.80
CIE LCh	56, 74.467, 53.415
Yxy	23.6674, 0.5527, 0.3889
Android (android.graphics.Color)	4292567318 (0xFFDB6116)
YUV	124.9280, -50.7435, 82.5011
Hunter-Lab	48.6492, 38.2782, 29.7230

Details

The Yxy color **23.6674, 0.5527, 0.3889** 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 **25.2351, 0.1940, 0.2120**, and the grayscale version is **20.6325, 0.3127, 0.3290**.

A 20% lighter version of the original color is **43.5945, 0.4882, 0.3982**, and **8.8693, 0.5983, 0.3632** is the 20% darker color. If you saturate the color by 10%, you get **21.3152, 0.5768, 0.3801**, and if you desaturate by 10%, it is **26.5163, 0.5234, 0.3931**.

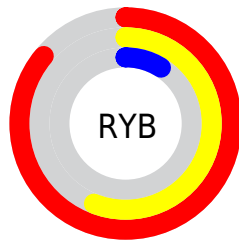
Distribution



Red (86%)

Green (38%)

Blue (9%)



Red (86%)

Yellow (56%)

Blue (9%)

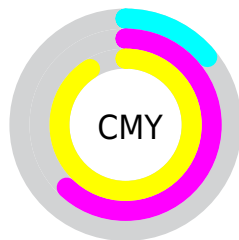


Cyan (0%)

Magenta (56%)

Yellow (90%)

Black (14%)



Cyan (14%)

Magenta (62%)

Yellow (91%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 23.6674, 0.5527, 0.3889 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 23.6674, 0.5527, 0.3889 by changing the saturation by 10% instead.


 23.6674, 0.5527,
0.3889


 23.6674, 0.5527,
0.3889


271.1346, 0.4281,
0.3743


 15.0871, 0.5803,
0.3844


 49.4869, 0.5089,
0.3891

 8.8805, 0.6175,
0.3770


 67.4949, 0.4917,
0.3874

 4.6633, 0.6481,
0.3519

 89.4142, 0.4771,
0.3853

 2.0511, 0.6882,
0.3118

 115.6292, 0.4644,
0.3830

 0.6369, 0.7589,
0.2411

 146.5244, 0.4535,
0.3807

 0.0000, 1.0000,
0.0000

 182.4841, 0.4439,

 0.0000, 0.0000,


0.3785


0.0000


 223.8927, 0.4355,
0.3763


 23.6674, 0.5527,
0.3889

 23.6674, 0.5527,
0.3889

 21.3152, 0.5768,
0.3801


 26.5163, 0.5234,
0.3931

 21.3062, 0.5769,
0.3801

 29.8994, 0.4908,
0.3922

 33.8491, 0.4575,
0.3871

 38.3934, 0.4257,
0.3791

 43.5580, 0.3966,
0.3694

■ 49.3670, 0.3708,
0.3590

■ 55.8432, 0.3484,
0.3486

■ 63.0079, 0.3291,
0.3385

■ 70.8816, 0.3127,
0.3290

Harmonies

Analogous

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



23.6674, 0.5390, 0.3116



23.6674, 0.5527, 0.3889



23.6674, 0.4906, 0.4757

Triad

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



23.6674, 0.5527, 0.3889



23.6674, 0.1822, 0.4353



23.6674, 0.1977, 0.1581

Complementary

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



23.6674, 0.5527, 0.3889



25.2351, 0.1940, 0.2120

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.



23.6674, 0.1383, 0.1583



23.6674, 0.5527, 0.3889



23.6674, 0.1276, 0.2840

Square

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



23.6674, 0.5527, 0.3889



23.6674, 0.2793, 0.5599



23.6674, 0.1159, 0.1941



23.6674, 0.3021, 0.1870

Rectangle

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



23.6674, 0.5527, 0.3889



23.6674, 0.4261, 0.5326



23.6674, 0.1159, 0.1941



23.6674, 0.1732, 0.1548

Sweetspot

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



23.6687, 0.5527, 0.3889



72.0789, 0.3644, 0.3561



17.7350, 0.4259, 0.2174



14.7822, 0.3726, 0.3597



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.



23.6687, 0.5527, 0.3889



29.8234, 0.5784, 0.3789



53.1465, 0.4398, 0.4832



13.8599, 0.3282, 0.3380



12.8277, 0.5742, 0.3822



0.9943, 0.5437, 0.4065

Inverse Universe

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



25.2351, 0.1940, 0.2120



31.6479, 0.1879, 0.1965



7.4211, 0.1588, 0.0831



13.9535, 0.2982, 0.3199



13.6292, 0.1889, 0.1998



1.0473, 0.1953, 0.2232

Previews

White Background



This preview shows how the Yxy color 23.6674, 0.5527, 0.3889 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 23.6674, 0.5527, 0.3889 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 23.6674, 0.5527, 0.3889

Background



This preview shows how black text looks on a background with the Yxy color 23.6674, 0.5527, 0.3889.



This preview shows how white text looks on a background with the Yxy color 23.6674, 0.5527, 0.3889.

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

23.6674, 0.5527, 0.3889

Protanopia

23.7338, 0.4302, 0.4738

Deuteranopia

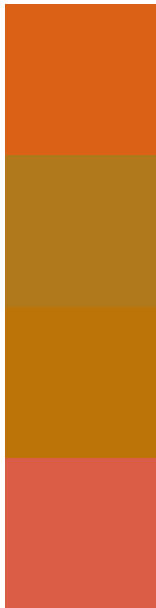
23.7248, 0.4720, 0.4634



Tritanopia

23.5290, 0.4885, 0.3230

Trichromacy



Original Color

23.6674, 0.5527, 0.3889

Protanomaly

22.9887, 0.4784, 0.4407

Deuteranomaly

23.1997, 0.5051, 0.4335

Tritanomaly

23.4740, 0.5203, 0.3539

Monochromacy



Original Color

23.6674, 0.5527, 0.3889

Achromatopsia

20.5079, 0.3127, 0.3290

Achromatomaly

20.3370, 0.4070, 0.3730

CSS Examples

Text

The CSS property to change the color of the text to Yxy 23.6674, 0.5527, 0.3889 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, 97, 22)` looks like.

```
.text, #text, p{  
  color:rgb(219, 97, 22)  
}
```

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, 97, 22) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(219, 97, 22) }
```

Border

The CSS property to change the border of an element to Yxy 23.6674, 0.5527, 0.3889 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, 97, 22) }
```

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

```
.border{ border-color:rgb(219, 97, 22) }
```

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

Here you see how a box with a 4 pixel `rgb(219, 97, 22)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(219, 97, 22); -webkit-box-  
shadow:4px 4px 4px 4px rgb(219, 97, 22);  
box-shadow:4px 4px 4px 4px rgb(219, 97,  
22) }
```


Background

The CSS property to change the background color of an element to Yxy 23.6674, 0.5527, 0.3889 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(219, 97, 22) }
```

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

```
.background{ background-color: rgb(219, 97,  
22) }
```

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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