

Converting Colors

$Yxy(25.0148, 0.5539, 0.3971)$

Have a look what the booklet for
Yxy(25.0148, 0.5539, 0.3971)
contains.

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Color

Yxy(25.0389, 0.5537, 0.3974)

Conversions

Conversions Part 1

Format	Color
Hex	DE6603
RGB	222, 102, 3
RGB Percent	87%, 40%, 1%
CMY	0.1295, 0.5999, 0.9881
CMYK	0.00, 0.54, 0.99, 0.13
HSL	27°, 97%, 44%
HSV	27°, 99%, 87%
XYZ	34.8869, 25.0389, 3.0810
YIQ	126.5940, 103.2990, -5.3490

Conversions

Conversions Part 2

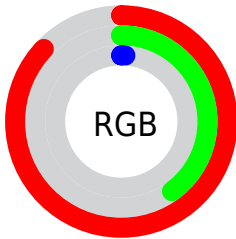
Format	Color
R _Y B	222, 184, 3
Decimal	14575107
CIE Lab	57.11, 42.85, 65.11
CIE LCh	57, 77.948, 56.650
Yxy	25.0389, 0.5537, 0.3974
Android (android.graphics.Color)	4292765187 (0xFFDE6603)
YUV	126.5940, -60.9318, 83.6711
Hunter-Lab	50.0389, 36.8813, 31.3766

Details

The Yxy color **25.0389, 0.5537, 0.3974** 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 **19.4528, 0.1820, 0.1744**, and the grayscale version is **21.2669, 0.3127, 0.3290**.

A 20% lighter version of the original color is **45.1079, 0.4895, 0.4091**, and **9.6521, 0.5906, 0.3692** is the 20% darker color. If you saturate the color by 10%, you get **24.7107, 0.5566, 0.3963**, and if you desaturate by 10%, it is **27.6738, 0.5315, 0.4048**.

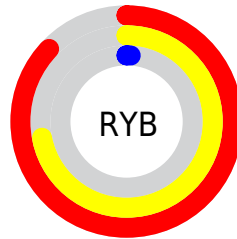
Distribution



Red (87%)

Green (40%)

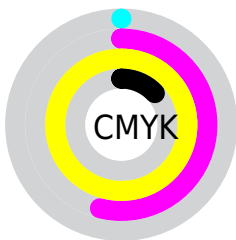
Blue (1%)



Red (87%)

Yellow (72%)

Blue (1%)

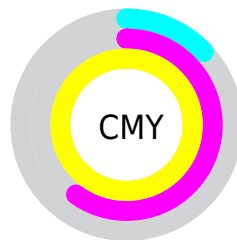


Cyan (0%)

Magenta (54%)

Yellow (99%)

Black (13%)



Cyan (13%)


Magenta (60%)


Yellow (99%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 25.0389, 0.5537, 0.3974 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 25.0389, 0.5537, 0.3974 by changing the saturation by 10% instead.


 25.0389, 0.5537,
0.3974

 25.0389, 0.5537,
0.3974


278.0316, 0.4317,
0.3803


 16.1060, 0.5793,
0.3930


 51.7203, 0.5119,
0.3973

 9.5992, 0.6139,
0.3861


 70.2377, 0.4952,
0.3953


 5.1340, 0.6392,
0.3608

 92.7186, 0.4807,
0.3928

 2.3261, 0.6763,
0.3237

 119.5476, 0.4682,
0.3902

 0.7875, 0.7363,
0.2637

 151.1090, 0.4573,
0.3876

 0.0000, 1.0000,
0.0000


 187.7872, 0.4477,

 0.0000, 0.0000,


0.3851


0.0000

 229.9666, 0.4392,
0.3826


 25.0389, 0.5537,
0.3974

 25.0389, 0.5537,
0.3974


 24.7107, 0.5566,
0.3963

 27.6738, 0.5315,
0.4048

 30.7453, 0.5049,
0.4070

 34.2865, 0.4756,
0.4039

 38.3224, 0.4458,
0.3968

 42.8753, 0.4169,
0.3867

■ 47.9661, 0.3903,
0.3751

■ 53.6140, 0.3663,
0.3628

■ 59.8372, 0.3451,
0.3505

■ 66.6529, 0.3267,
0.3387

Harmonies

Analogous

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



25.0389, 0.5509, 0.3183



25.0389, 0.5537, 0.3974



25.0389, 0.4833, 0.4870

Triad

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



25.0389, 0.5537, 0.3974



25.0389, 0.1705, 0.4200



25.0389, 0.2043, 0.1568

Complementary

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



25.0389, 0.5537, 0.3974



19.4528, 0.1820, 0.1744

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.



25.0389, 0.1396, 0.1535



25.0389, 0.5537, 0.3974



25.0389, 0.1208, 0.2689

Square

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



25.0389, 0.5537, 0.3974



25.0389, 0.2655, 0.5593



25.0389, 0.1133, 0.1848



25.0389, 0.3157, 0.1891

Rectangle

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



25.0389, 0.5537, 0.3974



25.0389, 0.4152, 0.5446



25.0389, 0.1133, 0.1848



25.0389, 0.1778, 0.1523

Sweetspot

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



25.0403, 0.5537, 0.3974



72.1281, 0.3699, 0.3648



17.0329, 0.4742, 0.2393



14.7261, 0.3800, 0.3700



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.



25.0403, 0.5537, 0.3974



33.5897, 0.5578, 0.3953



62.1353, 0.4280, 0.4977



14.7161, 0.3281, 0.3396



14.8968, 0.5541, 0.3982



1.2096, 0.5282, 0.4188

Inverse Universe

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



19.4528, 0.1820, 0.1744



25.8890, 0.1808, 0.1710



5.6056, 0.1512, 0.0634



14.4817, 0.2981, 0.3181



11.5704, 0.1818, 0.1746



0.9802, 0.1890, 0.2004

Previews

White Background



This preview shows how the Yxy color 25.0389, 0.5537, 0.3974 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 25.0389, 0.5537, 0.3974 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 25.0389, 0.5537, 0.3974

Background



This preview shows how black text looks on a background with the Yxy color 25.0389, 0.5537, 0.3974.



This preview shows how white text looks on a background with the Yxy color 25.0389, 0.5537, 0.3974.

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

25.0389, 0.5537, 0.3974

Protanopia

25.1997, 0.4347, 0.4817

Deuteranopia

25.2313, 0.4707, 0.4644



Tritanopia

25.1316, 0.4818, 0.3230

Trichromacy



Original Color

25.0389, 0.5537, 0.3974

Protanomaly

24.2826, 0.4814, 0.4495

Deuteranomaly

24.5115, 0.5038, 0.4378

Tritanomaly

24.9643, 0.5231, 0.3621

Monochromacy



Original Color

25.0389, 0.5537, 0.3974

Achromatopsia

21.2231, 0.3127, 0.3290

Achromatomaly

21.2474, 0.4162, 0.3861

CSS Examples

Text

The CSS property to change the color of the text to Yxy 25.0389, 0.5537, 0.3974 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(222, 102, 3)` looks like.

```
.text, #text, p{  
  color:rgb(222, 102, 3)  
}
```

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(222, 102, 3) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(222, 102, 3) }
```

Border

The CSS property to change the border of an element to Yxy 25.0389, 0.5537, 0.3974 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(222, 102, 3) }
```

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

```
.border{ border-color:rgb(222, 102, 3) }
```

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

Here you see how a box with a 4 pixel rgb(222, 102, 3) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(222, 102, 3); -webkit-box-  
shadow:4px 4px 4px 4px rgb(222, 102, 3);  
box-shadow:4px 4px 4px 4px rgb(222, 102,  
3) }
```


Background

The CSS property to change the background color of an element to Yxy 25.0389, 0.5537, 0.3974 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(222, 102, 3) }
```

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

```
.background{ background-color: rgb(222,  
102, 3) }
```

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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