

Converting Colors

$Yxy(23.5873, 0.5414, 0.4046)$

Have a look what the booklet for
Yxy(23.5873, 0.5414, 0.4046)
contains.

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Color

Yxy(23.6220, 0.5411, 0.4048)

Conversions

Conversions Part 1

Format	Color
Hex	D26809
RGB	210, 104, 9
RGB Percent	82%, 41%, 4%
CMY	0.1765, 0.5921, 0.9642
CMYK	0.00, 0.50, 0.96, 0.18
HSL	28°, 92%, 43%
HSV	28°, 96%, 82%
XYZ	31.5758, 23.6220, 3.1570
YIQ	124.8640, 93.6710, -7.0730

Conversions

Conversions Part 2

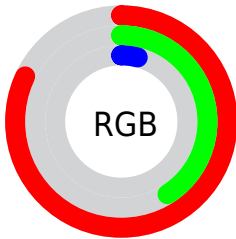
Format	Color
RYB	210, 189, 9
Decimal	13789193
CIELab	55.71, 37.21, 62.19
CIElCh	56, 72.472, 59.108
Yxy	23.6220, 0.5411, 0.4048
Android (android.graphics.Color)	4291979273 (0xFFD26809)
YUV	124.8640, -57.1210, 74.6643
Hunter-Lab	48.6025, 30.9125, 30.1705

Details

The Yxy color **23.6220, 0.5411, 0.4048** 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 **16.9936, 0.1822, 0.1731**, and the grayscale version is **20.6384, 0.3127, 0.3290**.

A 20% lighter version of the original color is **45.8036, 0.4864, 0.4098**, and **8.9342, 0.5764, 0.3805** is the 20% darker color. If you saturate the color by 10%, you get **22.6619, 0.5501, 0.4014**, and if you desaturate by 10%, it is **26.0768, 0.5184, 0.4103**.

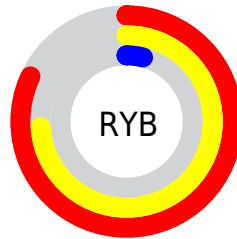
Distribution



Red (82%)

Green (41%)

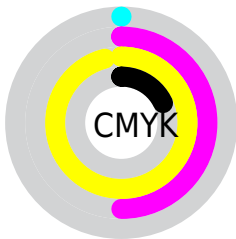
Blue (4%)



Red (82%)

Yellow (74%)

Blue (4%)

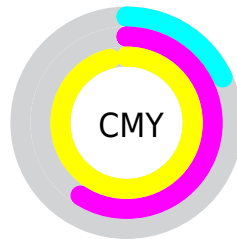


Cyan (0%)

Magenta (50%)

Yellow (96%)

Black (18%)



Cyan (18%)


Magenta (59%)


Yellow (96%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 23.6220, 0.5411, 0.4048 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 23.6220, 0.5411, 0.4048 by changing the saturation by 10% instead.


 23.6220, 0.5411,
0.4048


 23.6220, 0.5411,
0.4048


270.9038, 0.4238,
0.3814


 15.0535, 0.5663,
0.4023


 49.4127, 0.5004,
0.4019


 8.8569, 0.6017,
0.3983


 67.4036, 0.4842,
0.3990


 4.6480, 0.6256,
0.3744

 89.3040, 0.4704,
0.3958

 2.0422, 0.6619,
0.3381

 115.4985, 0.4584,
0.3927

 0.6318, 0.7291,
0.2709

 146.3713, 0.4480,
0.3896

 0.0000, 1.0000,
0.0000


 182.3068, 0.4389,


 0.0000, 0.0000,


0.3867


0.0000


 223.6896, 0.4309,
0.3840


 23.6220, 0.5411,
0.4048

 23.6220, 0.5411,
0.4048


 22.6619, 0.5501,
0.4014

 26.0768, 0.5184,
0.4103

 28.9053, 0.4919,
0.4102

 32.1315, 0.4633,
0.4053

 35.7749, 0.4346,
0.3966

 39.8535, 0.4072,
0.3856

■ 44.3836, 0.3819,
0.3732

■ 49.3809, 0.3592,
0.3603

■ 54.8599, 0.3391,
0.3477

■ 60.8344, 0.3216,
0.3355

Harmonies

Analogous

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



23.6220, 0.5433, 0.3268



23.6220, 0.5411, 0.4048



23.6220, 0.4715, 0.4907

Triad

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



23.6220, 0.5411, 0.4048



23.6220, 0.1716, 0.4023



23.6220, 0.2162, 0.1645

Complementary

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



23.6220, 0.5411, 0.4048



16.9936, 0.1822, 0.1731

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.



23.6220, 0.1496, 0.1591



23.6220, 0.5411, 0.4048



23.6220, 0.1261, 0.2639

Square

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



23.6220, 0.5411, 0.4048



23.6220, 0.2610, 0.5387



23.6220, 0.1210, 0.1871



23.6220, 0.3266, 0.1982

Rectangle

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



23.6220, 0.5411, 0.4048



23.6220, 0.4055, 0.5421



23.6220, 0.1210, 0.1871



23.6220, 0.1892, 0.1594

Sweetspot

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



23.6233, 0.5411, 0.4048



73.7029, 0.3672, 0.3650



15.1644, 0.4740, 0.2409



15.0651, 0.3771, 0.3706



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.



23.6233, 0.5411, 0.4048



34.8061, 0.5518, 0.4000



56.5690, 0.4242, 0.4994



12.7161, 0.3279, 0.3400



14.0236, 0.5477, 0.4033



0.9424, 0.5181, 0.4268

Inverse Universe

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



16.9936, 0.1822, 0.1731



24.4173, 0.1789, 0.1639



5.0765, 0.1523, 0.0648



12.4352, 0.2983, 0.3177



9.9482, 0.1801, 0.1682



0.7145, 0.1889, 0.2001

Previews

White Background



This preview shows how the Yxy color 23.6220, 0.5411, 0.4048 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 23.6220, 0.5411, 0.4048 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 23.6220, 0.5411, 0.4048

Background



This preview shows how black text looks on a background with the Yxy color 23.6220, 0.5411, 0.4048.



This preview shows how white text looks on a background with the Yxy color 23.6220, 0.5411, 0.4048.

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

23.6220, 0.5411, 0.4048

Protanopia

23.6836, 0.4349, 0.4808

Deuteranopia

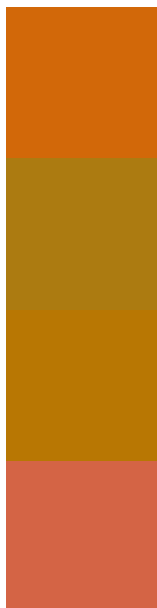
23.6138, 0.4709, 0.4643



Tritanopia

23.6748, 0.4652, 0.3224

Trichromacy



Original Color

23.6220, 0.5411, 0.4048

Protanomaly

22.9770, 0.4757, 0.4517

Deuteranomaly

23.3906, 0.4979, 0.4415

Tritanomaly

23.5411, 0.5061, 0.3635

Monochromacy



Original Color

23.6220, 0.5411, 0.4048

Achromatopsia

20.5079, 0.3127, 0.3290

Achromatomaly

20.4150, 0.4079, 0.3850

CSS Examples

Text

The CSS property to change the color of the text to Yxy 23.6220, 0.5411, 0.4048 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(210, 104, 9)` looks like.

```
.text, #text, p{  
  color:rgb(210, 104, 9)  
}
```

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(210, 104, 9) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(210, 104, 9) }
```

Border

The CSS property to change the border of an element to Yxy 23.6220, 0.5411, 0.4048 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(210, 104, 9) }
```

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

```
.border{ border-color:rgb(210, 104, 9) }
```

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

Here you see how a box with a 4 pixel `rgb(210, 104, 9)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(210, 104, 9); -webkit-box-  
shadow:4px 4px 4px 4px rgb(210, 104, 9);  
box-shadow:4px 4px 4px 4px rgb(210, 104,  
9) }
```


Background

The CSS property to change the background color of an element to Yxy 23.6220, 0.5411, 0.4048 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(210, 104, 9) }
```

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

```
.background{ background-color: rgb(210,  
104, 9) }
```

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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