

Converting Colors

$Y_{xy}(23.4935, 0.4941, 0.4121)$

Have a look what the booklet for
Yxy(23.4935, 0.4941, 0.4121)
contains.

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Color

Yxy(23.6424, 0.4939, 0.4126)

Conversions

Conversions Part 1

Format	Color
Hex	C0732B
RGB	192, 115, 43
RGB Percent	75%, 45%, 17%
CMY	0.2471, 0.5489, 0.8314
CMYK	0.00, 0.40, 0.78, 0.25
HSL	29°, 63%, 46%
HSV	29°, 78%, 75%
XYZ	28.3010, 23.6424, 5.3576
YIQ	129.8150, 69.0040, -6.0680

Conversions

Conversions Part 2

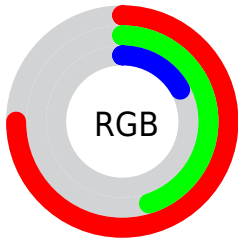
Format	Color
R_{YB}	192, 182, 43
Decimal	12612395
CIE Lab	55.73, 24.71, 50.38
CIE LCh	56, 56.113, 63.875
Yxy	23.6424, 0.4939, 0.4126
Android (android.graphics.Color)	4290802475 (0xFFC0732B)
YUV	129.8150, -42.7998, 54.5362
Hunter-Lab	48.6235, 18.8038, 27.5035

Details

The Yxy color **23.6424, 0.4939, 0.4126** 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 **17.7430, 0.1972, 0.2032**, and the grayscale version is **22.3916, 0.3127, 0.3290**.

A 20% lighter version of the original color is **49.3104, 0.4595, 0.4025**, and **8.8830, 0.5379, 0.4111** is the 20% darker color. If you saturate the color by 10%, you get **21.3924, 0.5193, 0.4121**, and if you desaturate by 10%, it is **26.2046, 0.4662, 0.4081**.

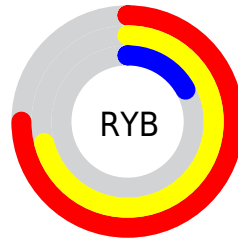
Distribution



Red (75%)

Green (45%)

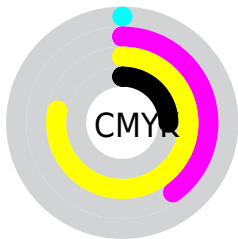
Blue (17%)



Red (75%)

Yellow (71%)

Blue (17%)

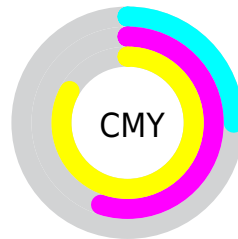


Cyan (0%)

Magenta (40%)

Yellow (78%)

Black (25%)



Cyan (25%)


Magenta (55%)


Yellow (83%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 23.6424, 0.4939, 0.4126 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 23.6424, 0.4939, 0.4126 by changing the saturation by 10% instead.


 23.6424, 0.4939,
0.4126


 23.6424, 0.4939,
0.4126


271.0076, 0.3976,
0.3768


 15.0686, 0.5170,
0.4167


 49.4460, 0.4588,
0.4025

 8.8675, 0.5448,
0.4182

 67.4446, 0.4455,
0.3977


 4.6549, 0.5831,
0.4169

 89.3535, 0.4343,
0.3933

 2.0462, 0.6100,
0.3900

 115.5572, 0.4247,
0.3892

 0.6341, 0.6654,
0.3346

 146.4401, 0.4165,
0.3856

 0.0000, 1.0000,
0.0000

 182.3865, 0.4093,

 0.0000, 0.0000,

0.3824

0.0000

223.7809, 0.4031,
0.3794

■ 23.6424, 0.4939,
0.4126

■ 23.6424, 0.4939,
0.4126

■ 21.3924, 0.5193,
0.4121

■ 26.2046, 0.4662,
0.4081

■ 19.4311, 0.5409,
0.4064

■ 29.0907, 0.4381,
0.3998

■ 18.9974, 0.5460,
0.4047

■ 32.3162, 0.4109,
0.3888

■ 35.8939, 0.3857,
0.3764

■ 39.8359, 0.3628,
0.3634

■ 44.1537, 0.3425,
0.3504

■ 48.8582, 0.3247,
0.3380

■ 53.9595, 0.3092,
0.3263

■ 59.4677, 0.2957,
0.3153

Harmonies

Analogous

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



23.6424, 0.4990, 0.3446



23.6424, 0.4939, 0.4126



23.6424, 0.4373, 0.4775

Triad

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



23.6424, 0.4939, 0.4126



23.6424, 0.1923, 0.3684



23.6424, 0.2483, 0.1957

Complementary

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



23.6424, 0.4939, 0.4126



17.7430, 0.1972, 0.2032

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.



23.6424, 0.1852, 0.1878



23.6424, 0.4939, 0.4126



23.6424, 0.1564, 0.2685

Square

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



23.6424, 0.4939, 0.4126



23.6424, 0.2635, 0.4727



23.6424, 0.1550, 0.2094



23.6424, 0.3417, 0.2285

Rectangle

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



23.6424, 0.4939, 0.4126



23.6424, 0.3830, 0.5066



23.6424, 0.1550, 0.2094



23.6424, 0.2235, 0.1901

Sweetspot

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



23.6436, 0.4939, 0.4126



75.4253, 0.3539, 0.3579



14.2872, 0.4373, 0.2404



15.5834, 0.3616, 0.3626



97.7402, 0.3127, 0.3290



20.4902, 0.3127, 0.3290

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



23.6436, 0.4939, 0.4126



36.2697, 0.5346, 0.4086



47.9864, 0.4135, 0.4903



10.8634, 0.3277, 0.3402



12.9410, 0.5440, 0.4063



0.6971, 0.5091, 0.4340

Inverse Universe

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



17.7430, 0.1972, 0.2032



25.0692, 0.1823, 0.1724



6.2328, 0.1682, 0.0915



10.5893, 0.2984, 0.3176



8.7462, 0.1792, 0.1651



0.5154, 0.1902, 0.2047

Previews

White Background



This preview shows how the Yxy color 23.6424, 0.4939, 0.4126 looks on a white background.

Color Contrast Check

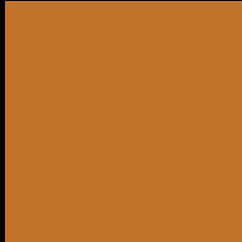
Large Text (above 18pt) WCAG AA ✓ Pass

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 23.6424, 0.4939, 0.4126 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 23.6424, 0.4939, 0.4126

Background



This preview shows how black text looks on a background with the Yxy color 23.6424, 0.4939, 0.4126.



This preview shows how white text looks on a background with the Yxy color 23.6424, 0.4939, 0.4126.

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

23.6424, 0.4939, 0.4126

Protanopia

23.7476, 0.4191, 0.4600

Deuteranopia

23.6501, 0.4551, 0.4465



Tritanopia

23.7218, 0.4201, 0.3186

Trichromacy



Original Color

23.6424, 0.4939, 0.4126

Protanomaly

23.3753, 0.4467, 0.4425

Deuteranomaly

23.6662, 0.4698, 0.4343

Tritanomaly

23.6922, 0.4536, 0.3583

Monochromacy



Original Color

23.6424, 0.4939, 0.4126

Achromatopsia

22.3228, 0.3127, 0.3290

Achromatomaly

22.3214, 0.3800, 0.3741

CSS Examples

Text

The CSS property to change the color of the text to Yxy 23.6424, 0.4939, 0.4126 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(192, 115, 43)` looks like.

```
.text, #text, p{  
    color:rgb(192, 115, 43)  
}
```

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(192, 115, 43) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(192, 115, 43) }
```

Border

The CSS property to change the border of an element to Yxy 23.6424, 0.4939, 0.4126 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(192, 115, 43) }
```

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

```
.border{ border-color:rgb(192, 115, 43) }
```

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

Here you see how a box with a 4 pixel `rgb(192, 115, 43)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(192, 115, 43); -webkit-box-  
shadow:4px 4px 4px 4px rgb(192, 115, 43);  
box-shadow:4px 4px 4px 4px rgb(192, 115,  
43) }
```


Background

The CSS property to change the background color of an element to Yxy 23.6424, 0.4939, 0.4126 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(192, 115, 43) }
```

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

```
.background{ background-color: rgb(192,  
115, 43) }
```

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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