

Converting Colors

$Y_{xy}(23.2364, 0.5065, 0.4185)$

Have a look what the booklet for
Yxy(23.2364, 0.5065, 0.4185)
contains.

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Color

Yxy(23.2364, 0.5065, 0.4185)

Conversions

Conversions Part 1

Format	Color
Hex	C1711D
RGB	193, 113, 29
RGB Percent	76%, 44%, 11%
CMY	0.2431, 0.5569, 0.8863
CMYK	0.00, 0.41, 0.85, 0.24
HSL	31°, 74%, 44%
HSV	31°, 85%, 76%
XYZ	28.1224, 23.2364, 4.1642
YIQ	127.3440, 74.6440, -9.1640

Conversions

Conversions Part 2

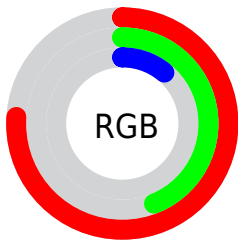
Format	Color
R_{YB}	185, 193, 29
Decimal	12677405
CIE _{Lab}	55.32, 25.78, 55.57
CIE _{LCh}	55, 61.264, 65.110
Yxy	23.2364, 0.5065, 0.4185
Android (android.graphics.Color)	4290867485 (0xFFC1711D)
YUV	127.3440, -48.4836, 57.5803
Hunter-Lab	48.2041, 19.7801, 28.6210

Details

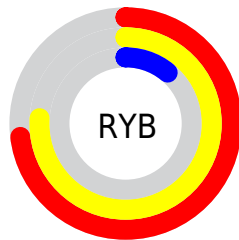
The Yxy color **23.2364, 0.5065, 0.4185** is a dark color, and the websafe version is hex **CC6600**. The color can be described as dark washed orange. A complement of this color would be **15.0513, 0.1875, 0.1809**, and the grayscale version is **21.4990, 0.3127, 0.3290**.

A 20% lighter version of the original color is **48.7795, 0.4707, 0.4084**, and **8.6533, 0.5421, 0.4077** is the 20% darker color. If you saturate the color by 10%, you get **21.1771, 0.5278, 0.4146**, and if you desaturate by 10%, it is **25.5759, 0.4818, 0.4170**.

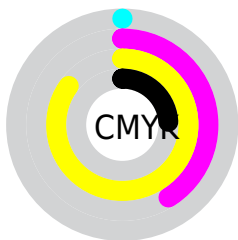
Distribution



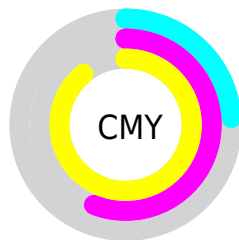
- Red (76%)
- Green (44%)
- Blue (11%)



- Red (73%)
- Yellow (76%)
- Blue (11%)



- Cyan (0%)
- Magenta (41%)
- Yellow (85%)
- Black (24%)





- Cyan (24%)
- Magenta (56%)
- Yellow (89%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 23.2364, 0.5065, 0.4185 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 23.2364, 0.5065, 0.4185 by changing the saturation by 10% instead.


 23.2364, 0.5065,
0.4185

 23.2364, 0.5065,
0.4185


268.9369, 0.4049,
0.3820

 14.7682, 0.5296,
0.4214


 48.7812, 0.4703,
0.4090


 8.6568, 0.5592,
0.4226


 66.6266, 0.4563,
0.4042

 4.5180, 0.5878,
0.4122

 88.3664, 0.4444,
0.3996

 1.9674, 0.6162,
0.3838

 114.3851, 0.4342,
0.3954

 0.5884, 0.6779,
0.3221

 145.0672, 0.4253,
0.3915

 0.0000, 1.0000,
0.0000

 180.7969, 0.4177,

 0.0000, 0.0000,

0.3880

0.0000

221.9586, 0.4109,
0.3848

23.2364, 0.5065,
0.4185

23.2364, 0.5065,
0.4185

21.1771, 0.5278,
0.4146

25.5759, 0.4818,
0.4170

20.2358, 0.5376,
0.4114

28.2081, 0.4552,
0.4108

31.1480, 0.4284,
0.4010

34.4086, 0.4026,
0.3889

38.0014, 0.3786,
0.3755

■ 41.9377, 0.3569,
0.3617

■ 46.2277, 0.3375,
0.3482

■ 50.8812, 0.3204,
0.3352

■ 55.9078, 0.3055,
0.3230

Harmonies

Analogous

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



23.2364, 0.5173, 0.3459



23.2364, 0.5065, 0.4185



23.2364, 0.4416, 0.4902

Triad

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



23.2364, 0.5065, 0.4185



23.2364, 0.1793, 0.3663



23.2364, 0.2459, 0.1868

Complementary

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



23.2364, 0.5065, 0.4185



15.0513, 0.1875, 0.1809

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.



23.2364, 0.1774, 0.1770



23.2364, 0.5065, 0.4185



23.2364, 0.1438, 0.2580

Square

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



23.2364, 0.5065, 0.4185



23.2364, 0.2537, 0.4854



23.2364, 0.1443, 0.1975



23.2364, 0.3483, 0.2226

Rectangle

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



23.2364, 0.5065, 0.4185



23.2364, 0.3819, 0.5238



23.2364, 0.1443, 0.1975



23.2364, 0.2189, 0.1805

Sweetspot

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



23.2376, 0.5065, 0.4185



74.7950, 0.3577, 0.3623



13.3656, 0.4605, 0.2432



15.4972, 0.3652, 0.3672



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.



23.2376, 0.5065, 0.4185



35.7404, 0.5398, 0.4096



49.5759, 0.4153, 0.4986



10.9117, 0.3276, 0.3408



13.6172, 0.5356, 0.4129



0.7260, 0.5030, 0.4388

Inverse Universe

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



15.0513, 0.1875, 0.1809



20.7936, 0.1752, 0.1506



4.9902, 0.1592, 0.0751



10.5410, 0.2984, 0.3169



8.0628, 0.1765, 0.1555



0.4864, 0.1880, 0.1969

Previews

White Background



This preview shows how the Yxy color 23.2364, 0.5065, 0.4185 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 23.2364, 0.5065, 0.4185 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 23.2364, 0.5065, 0.4185

Background



This preview shows how black text looks on a background with the Yxy color 23.2364, 0.5065, 0.4185.



This preview shows how white text looks on a background with the Yxy color 23.2364, 0.5065, 0.4185.

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

23.2364, 0.5065, 0.4185

Protanopia

23.2801, 0.4279, 0.4727

Deuteranopia

23.3007, 0.4656, 0.4569



Tritanopia

23.1657, 0.4273, 0.3187

Trichromacy



Original Color

23.2364, 0.5065, 0.4185

Protanomaly

23.0253, 0.4570, 0.4528

Deuteranomaly

23.0878, 0.4813, 0.4421

Tritanomaly

23.0701, 0.4663, 0.3628

Monochromacy



Original Color

23.2364, 0.5065, 0.4185

Achromatopsia

21.2231, 0.3127, 0.3290

Achromatomaly

21.2537, 0.3878, 0.3814

CSS Examples

Text

The CSS property to change the color of the text to Yxy 23.2364, 0.5065, 0.4185 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(193, 113, 29)` looks like.

```
.text, #text, p{  
    color:rgb(193, 113, 29)  
}
```

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(193, 113, 29) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(193, 113, 29) }
```

Border

The CSS property to change the border of an element to Yxy 23.2364, 0.5065, 0.4185 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(193, 113, 29) }
```

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

```
.border{ border-color:rgb(193, 113, 29) }
```

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

Here you see how a box with a 4 pixel `rgb(193, 113, 29)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(193, 113, 29); -webkit-box-  
shadow:4px 4px 4px 4px rgb(193, 113, 29);  
box-shadow:4px 4px 4px 4px rgb(193, 113,  
29) }
```


Background

The CSS property to change the background color of an element to Yxy 23.2364, 0.5065, 0.4185 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(193, 113, 29) }
```

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

```
.background{ background-color: rgb(193,  
113, 29) }
```

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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