

Converting Colors

$Y_{xy}(23.7998, 0.5096, 0.4315)$

Have a look what the booklet for
Yxy(23.7998, 0.5096, 0.4315)
contains.

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Color

Yxy(23.7082, 0.5096, 0.4314)

Conversions

Conversions Part 1

Format	Color
Hex	C07405
RGB	192, 116, 5
RGB Percent	75%, 45%, 2%
CMY	0.2472, 0.5450, 0.9805
CMYK	0.00, 0.40, 0.97, 0.25
HSL	36°, 95%, 39%
HSV	36°, 97%, 75%
XYZ	28.0058, 23.7082, 3.2424
YIQ	126.0700, 80.9270, -18.4090

Conversions

Conversions Part 2

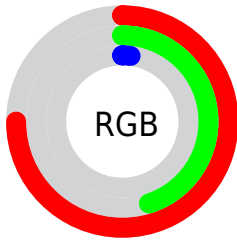
Format	Color
R_{YB}	133, 192, 5
Decimal	12612613
CIE _{Lab}	55.79, 23.26, 61.79
CIE _{LCh}	56, 66.024, 69.375
Yxy	23.7082, 0.5096, 0.4314
Android (android.graphics.Color)	4290802693 (0xFFC07405)
YUV	126.0700, -59.6875, 57.8206
Hunter-Lab	48.6911, 17.4590, 30.1355

Details

The Yxy color **23.7082, 0.5096, 0.4314** 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 **9.7090, 0.1707, 0.1325**, and the grayscale version is **21.0754, 0.3127, 0.3290**.

A 20% lighter version of the original color is **49.5058, 0.4754, 0.4206**, and **8.9198, 0.5345, 0.4138** is the 20% darker color. If you saturate the color by 10%, you get **23.2386, 0.5138, 0.4303**, and if you desaturate by 10%, it is **25.6392, 0.4928, 0.4345**.

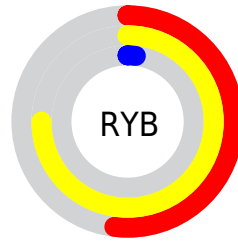
Distribution



Red (75%)

Green (45%)

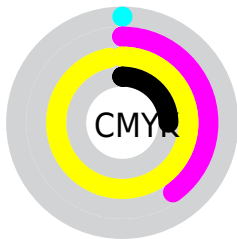
Blue (2%)



Red (52%)

Yellow (75%)

Blue (2%)

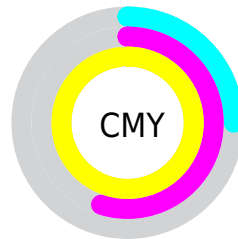


Cyan (0%)

Magenta (40%)

Yellow (97%)

Black (25%)



Cyan (25%)

Magenta (55%)


Yellow (98%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 23.7082, 0.5096, 0.4314 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 23.7082, 0.5096, 0.4314 by changing the saturation by 10% instead.


 23.7082, 0.5096,
0.4314


 23.7082, 0.5096,
0.4314


271.3419, 0.4093,
0.3902


 15.1173, 0.5306,
0.4343


 49.5536, 0.4750,
0.4211

 8.9018, 0.5613,
0.4387


 67.5769, 0.4613,
0.4156


 4.6772, 0.5777,
0.4223

 89.5131, 0.4494,
0.4105

 2.0591, 0.6034,
0.3966

 115.7467, 0.4391,
0.4056

 0.6415, 0.6561,
0.3439

 146.6619, 0.4302,
0.4012

 0.0000, 1.0000,
0.0000

 182.6433, 0.4223,

 0.0000, 0.0000,

0.3972

0.0000

224.0751, 0.4154,
0.3936

23.7082, 0.5096,
0.4314

23.7082, 0.5096,
0.4314

23.2386, 0.5138,
0.4303

25.6392, 0.4928,
0.4345

27.7782, 0.4729,
0.4325

30.1415, 0.4505,
0.4256

32.7406, 0.4271,
0.4148

35.5859, 0.4038,
0.4013

■ 38.6866, 0.3814,
0.3863

■ 42.0515, 0.3605,
0.3706

■ 45.6886, 0.3414,
0.3549

■ 49.6057, 0.3242,
0.3397

Harmonies

Analogous

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



23.7082, 0.5332, 0.3549



23.7082, 0.5096, 0.4314



23.7082, 0.4338, 0.5075

Triad

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



23.7082, 0.5096, 0.4314



23.7082, 0.1632, 0.3490



23.7082, 0.2548, 0.1832

Complementary

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



23.7082, 0.5096, 0.4314



9.7090, 0.1707, 0.1325

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.



23.7082, 0.1778, 0.1688



23.7082, 0.5096, 0.4314



23.7082, 0.1329, 0.2402

Square

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



23.7082, 0.5096, 0.4314



23.7082, 0.2353, 0.4830



23.7082, 0.1387, 0.1845



23.7082, 0.3674, 0.2239

Rectangle

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



23.7082, 0.5096, 0.4314



23.7082, 0.3689, 0.5408



23.7082, 0.1387, 0.1845



23.7082, 0.2246, 0.1753

Sweetspot

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



23.7094, 0.5096, 0.4314



74.9287, 0.3646, 0.3738



11.9334, 0.5244, 0.2681



15.5083, 0.3735, 0.3806



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.



23.7094, 0.5096, 0.4314



41.6128, 0.5156, 0.4288



46.9736, 0.4046, 0.5156



11.0499, 0.3274, 0.3427



15.7981, 0.5123, 0.4315



0.8151, 0.4862, 0.4521

Inverse Universe

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



9.7090, 0.1707, 0.1325



16.2995, 0.1680, 0.1248



4.0669, 0.1540, 0.0635



10.4046, 0.2984, 0.3150



6.3698, 0.1694, 0.1299



0.4105, 0.1820, 0.1751

Previews

White Background



This preview shows how the Yxy color 23.7082, 0.5096, 0.4314 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 23.7082, 0.5096, 0.4314 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 23.7082, 0.5096, 0.4314

Background



This preview shows how black text looks on a background with the Yxy color 23.7082, 0.5096, 0.4314.



This preview shows how white text looks on a background with the Yxy color 23.7082, 0.5096, 0.4314.

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

23.7082, 0.5096, 0.4314

Protanopia

23.9417, 0.4355, 0.4847

Deuteranopia

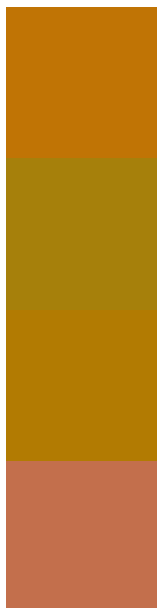
23.7248, 0.4720, 0.4634



Tritanopia

23.7218, 0.4201, 0.3186

Trichromacy



Original Color

23.7082, 0.5096, 0.4314

Protanomaly

23.5695, 0.4636, 0.4649

Deuteranomaly

23.6353, 0.4861, 0.4513

Tritanomaly

23.4928, 0.4696, 0.3741

Monochromacy



Original Color

23.7082, 0.5096, 0.4314

Achromatopsia

20.8637, 0.3127, 0.3290

Achromatomaly

21.0123, 0.3974, 0.3965

CSS Examples

Text

The CSS property to change the color of the text to Yxy 23.7082, 0.5096, 0.4314 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, 116, 5)` looks like.

```
.text, #text, p{  
    color:rgb(192, 116, 5)  
}
```

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, 116, 5) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(192, 116, 5) }
```

Border

The CSS property to change the border of an element to Yxy 23.7082, 0.5096, 0.4314 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, 116, 5) }
```

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

```
.border{ border-color:rgb(192, 116, 5) }
```

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

Here you see how a box with a 4 pixel rgb(192, 116, 5) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(192, 116, 5); -webkit-box-  
shadow:4px 4px 4px 4px rgb(192, 116, 5);  
box-shadow:4px 4px 4px 4px rgb(192, 116,  
5) }
```


Background

The CSS property to change the background color of an element to Yxy 23.7082, 0.5096, 0.4314 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(192, 116, 5) }
```

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

```
.background{ background-color: rgb(192,  
116, 5) }
```

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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