

Converting Colors

$Yxy(23.0975, 0.5149, 0.4084)$

Have a look what the booklet for
Yxy(23.0975, 0.5149, 0.4084)
contains.

Yxy(23.0529, 0.5144, 0.4084)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(23.0529, 0.5144, 0.4084)

Conversions

Conversions Part 1

Format	Color
Hex	C66D21
RGB	198, 109, 33
RGB Percent	78%, 43%, 13%
CMY	0.2234, 0.5726, 0.8706
CMYK	0.00, 0.45, 0.83, 0.22
HSL	28°, 71%, 45%
HSV	28°, 83%, 78%
XYZ	29.0363, 23.0529, 4.3577
YIQ	126.9470, 77.4400, -4.7680

Conversions

Conversions Part 2

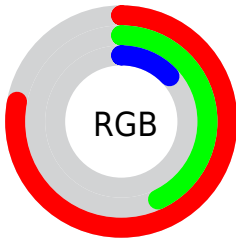
Format	Color
R _Y B	198, 174, 33
Decimal	13004065
CIE Lab	55.13, 30.17, 54.22
CIE LCh	55, 62.048, 60.910
Yxy	23.0529, 0.5144, 0.4084
Android (android.graphics.Color)	4291194145 (0xFFC66D21)
YUV	126.9470, -46.3159, 62.3135
Hunter-Lab	48.0134, 23.9249, 28.2282

Details

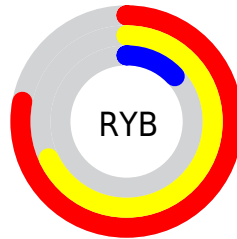
The Yxy color **23.0529, 0.5144, 0.4084** is a dark color, and the websafe version is hex **CC6600**. The color can be described as dark muted orange. A complement of this color would be **18.3272, 0.1930, 0.1989**, and the grayscale version is **21.3467, 0.3127, 0.3290**.

A 20% lighter version of the original color is **47.4056, 0.4720, 0.4023**, and **8.6350, 0.5559, 0.3968** is the 20% darker color. If you saturate the color by 10%, you get **20.8316, 0.5387, 0.4042**, and if you desaturate by 10%, it is **25.6189, 0.4866, 0.4073**.

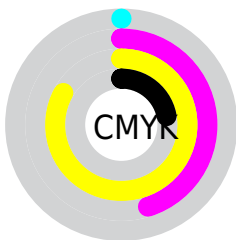
Distribution



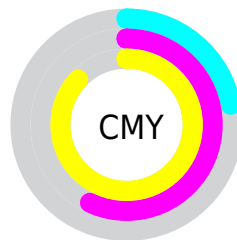
- Red (78%)
- Green (43%)
- Blue (13%)



- Red (78%)
- Yellow (68%)
- Blue (13%)



- Cyan (0%)
- Magenta (45%)
- Yellow (83%)
- Black (22%)





- Cyan (22%)
- Magenta (57%)
- Yellow (87%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 23.0529, 0.5144, 0.4084 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 23.0529, 0.5144, 0.4084 by changing the saturation by 10% instead.


 23.0529, 0.5144,
0.4084


 23.0529, 0.5144,
0.4084


267.9966, 0.4079,
0.3777


 14.6326, 0.5392,
0.4098


 48.4802, 0.4761,
0.4012


 8.5619, 0.5704,
0.4084


 66.2559, 0.4614,
0.3971


 4.4566, 0.6036,
0.3964

 87.9189, 0.4489,
0.3932

 1.9321, 0.6359,
0.3641

 113.8536, 0.4383,
0.3896

 0.5676, 0.7047,
0.2953

 144.4443, 0.4291,
0.3862

 0.0000, 1.0000,
0.0000

 180.0754, 0.4211,

 0.0000, 0.0000,

0.3831

0.0000

221.1314, 0.4140,
0.3803

23.0529, 0.5144,
0.4084

23.0529, 0.5144,
0.4084

20.8316, 0.5387,
0.4042

25.6189, 0.4866,
0.4073

19.5235, 0.5530,
0.3991

28.5453, 0.4574,
0.4015

31.8506, 0.4285,
0.3924

35.5504, 0.4013,
0.3813

39.6595, 0.3764,
0.3690

■ 44.1916, 0.3543,
0.3566

■ 49.1597, 0.3348,
0.3443

■ 54.5761, 0.3179,
0.3327

■ 60.4527, 0.3032,
0.3218

Harmonies

Analogous

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



23.0529, 0.5160, 0.3358



23.0529, 0.5144, 0.4084



23.0529, 0.4542, 0.4825

Triad

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



23.0529, 0.5144, 0.4084



23.0529, 0.1857, 0.3850



23.0529, 0.2329, 0.1821

Complementary

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



23.0529, 0.5144, 0.4084



18.3272, 0.1930, 0.1989

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.



23.0529, 0.1690, 0.1761



23.0529, 0.5144, 0.4084



23.0529, 0.1444, 0.2693

Square

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



23.0529, 0.5144, 0.4084



23.0529, 0.2655, 0.5008



23.0529, 0.1404, 0.2015



23.0529, 0.3328, 0.2148

Rectangle

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



23.0529, 0.5144, 0.4084



23.0529, 0.3956, 0.5212



23.0529, 0.1404, 0.2015



23.0529, 0.2074, 0.1770

Sweetspot

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



23.0541, 0.5144, 0.4084



76.5384, 0.3586, 0.3591



14.5455, 0.4404, 0.2333



15.7631, 0.3663, 0.3635



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.



23.0541, 0.5144, 0.4084



34.0828, 0.5554, 0.3972



48.8463, 0.4217, 0.4912



11.4283, 0.3278, 0.3397



12.8608, 0.5508, 0.4009



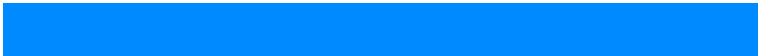
0.7534, 0.5165, 0.4281

Inverse Universe

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



18.3272, 0.1930, 0.1989



25.2741, 0.1800, 0.1680



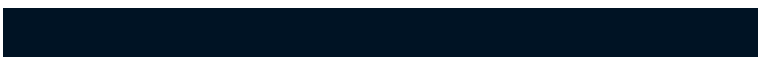
6.0046, 0.1623, 0.0838



11.2195, 0.2983, 0.3181



9.6384, 0.1813, 0.1726



0.6001, 0.1912, 0.2081

Previews

White Background



This preview shows how the Yxy color 23.0529, 0.5144, 0.4084 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 23.0529, 0.5144, 0.4084 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 23.0529, 0.5144, 0.4084

Background



This preview shows how black text looks on a background with the Yxy color 23.0529, 0.5144, 0.4084.



This preview shows how white text looks on a background with the Yxy color 23.0529, 0.5144, 0.4084.

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

23.0529, 0.5144, 0.4084

Protanopia

23.3111, 0.4250, 0.4684

Deuteranopia

23.2074, 0.4628, 0.4556



Tritanopia

23.0244, 0.4397, 0.3204

Trichromacy



Original Color

23.0529, 0.5144, 0.4084

Protanomaly

22.7644, 0.4590, 0.4451

Deuteranomaly

22.9818, 0.4819, 0.4380

Tritanomaly

22.9766, 0.4747, 0.3593

Monochromacy



Original Color

23.0529, 0.5144, 0.4084

Achromatopsia

21.2231, 0.3127, 0.3290

Achromatomaly

20.9956, 0.3892, 0.3744

CSS Examples

Text

The CSS property to change the color of the text to Yxy 23.0529, 0.5144, 0.4084 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(198, 109, 33)` looks like.

```
.text, #text, p{  
    color:rgb(198, 109, 33)  
}
```

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(198, 109, 33) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(198, 109, 33) }
```

Border

The CSS property to change the border of an element to Yxy 23.0529, 0.5144, 0.4084 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(198, 109, 33) }
```

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

```
.border{ border-color:rgb(198, 109, 33) }
```

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

Here you see how a box with a 4 pixel rgb(198, 109, 33) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(198, 109, 33); -webkit-box-  
shadow:4px 4px 4px 4px rgb(198, 109, 33);  
box-shadow:4px 4px 4px 4px rgb(198, 109,  
33) }
```


Background

The CSS property to change the background color of an element to Yxy 23.0529, 0.5144, 0.4084 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(198, 109, 33) }
```

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

```
.background{ background-color: rgb(198,  
109, 33) }
```

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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