

Converting Colors

$Y_{xy}(22.0193, 0.5220, 0.4166)$

Have a look what the booklet for
Yxy(22.0193, 0.5220, 0.4166)
contains.

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Color

Yxy(22.0192, 0.5220, 0.4166)

Conversions

Conversions Part 1

Format	Color
Hex	C26B0F
RGB	194, 107, 15
RGB Percent	76%, 42%, 6%
CMY	0.2393, 0.5803, 0.9414
CMYK	0.00, 0.45, 0.92, 0.24
HSL	31°, 86%, 41%
HSV	31°, 92%, 76%
XYZ	27.5901, 22.0192, 3.2453
YIQ	122.5250, 81.3840, -10.1680

Conversions

Conversions Part 2

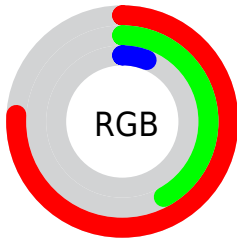
Format	Color
R_{YB}	184, 194, 15
Decimal	12741391
CIE _{Lab}	54.05, 29.13, 58.76
CIE _{LCh}	54, 65.587, 63.629
Yxy	22.0192, 0.5220, 0.4166
Android (android.graphics.Color)	4290931471 (0xFFC26B0F)
YUV	122.5250, -53.0098, 62.6836
Hunter-Lab	46.9246, 22.8338, 28.7468

Details

The Yxy color **22.0192, 0.5220, 0.4166** 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 **13.4813, 0.1811, 0.1664**, and the grayscale version is **19.7990, 0.3127, 0.3290**.

A 20% lighter version of the original color is **46.5242, 0.4827, 0.4097**, and **8.0944, 0.5560, 0.3967** is the 20% darker color. If you saturate the color by 10%, you get **20.5361, 0.5370, 0.4118**, and if you desaturate by 10%, it is **24.1770, 0.4998, 0.4190**.

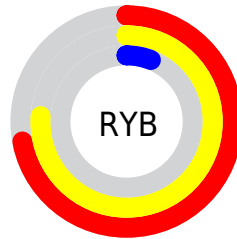
Distribution



Red (76%)

Green (42%)

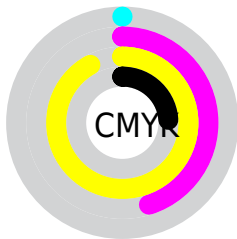
Blue (6%)



Red (72%)

Yellow (76%)

Blue (6%)

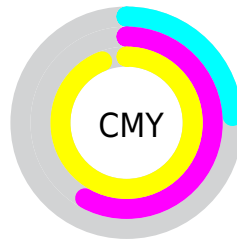


Cyan (0%)

Magenta (45%)

Yellow (92%)

Black (24%)



Cyan (24%)


Magenta (58%)


Yellow (94%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 22.0192, 0.5220, 0.4166 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 22.0192, 0.5220, 0.4166 by changing the saturation by 10% instead.


 22.0192, 0.5220,
0.4166


 22.0192, 0.5220,
0.4166


262.6465, 0.4128,
0.3836


 13.8710, 0.5461,
0.4172


 46.7777, 0.4835,
0.4094


 8.0310, 0.5816,
0.4184


 64.1569, 0.4685,
0.4051


 4.1148, 0.6028,
0.3972

 85.3817, 0.4556,
0.4008

 1.7380, 0.6360,
0.3640

 110.8368, 0.4445,
0.3968

 0.4481, 0.7236,
0.2764

 140.9064, 0.4349,
0.3931

 0.0000, 1.0000,
0.0000

 175.9750, 0.4266,

 0.0000, 0.0000,

0.3896

0.0000

216.4269, 0.4193,
0.3865

22.0192, 0.5220,
0.4166

22.0192, 0.5220,
0.4166

20.5361, 0.5370,
0.4118

24.1770, 0.4998,
0.4190

26.6176, 0.4745,
0.4162

29.3577, 0.4478,
0.4088

32.4111, 0.4212,
0.3982

35.7902, 0.3959,
0.3856

■ 39.5067, 0.3725,
0.3720

■ 43.5714, 0.3514,
0.3582

■ 47.9947, 0.3327,
0.3447

■ 52.7864, 0.3162,
0.3318

Harmonies

Analogous

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



22.0192, 0.5328, 0.3404



22.0192, 0.5220, 0.4166



22.0192, 0.4522, 0.4959

Triad

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



22.0192, 0.5220, 0.4166



22.0192, 0.1716, 0.3757



22.0192, 0.2357, 0.1763

Complementary

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



22.0192, 0.5220, 0.4166



13.4813, 0.1811, 0.1664

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.



22.0192, 0.1655, 0.1672



22.0192, 0.5220, 0.4166



22.0192, 0.1333, 0.2552

Square

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



22.0192, 0.5220, 0.4166



22.0192, 0.2518, 0.5071



22.0192, 0.1328, 0.1895



22.0192, 0.3446, 0.2127

Rectangle

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



22.0192, 0.5220, 0.4166



22.0192, 0.3885, 0.5373



22.0192, 0.1328, 0.1895



22.0192, 0.2077, 0.1701

Sweetspot

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



22.0204, 0.5220, 0.4166



74.3489, 0.3641, 0.3667



12.8168, 0.4783, 0.2458



15.5924, 0.3737, 0.3728



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.



22.0204, 0.5220, 0.4166



36.6969, 0.5393, 0.4100



50.0820, 0.4178, 0.5027



10.9152, 0.3276, 0.3409



13.6681, 0.5350, 0.4134



0.7282, 0.5025, 0.4392

Inverse Universe

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



13.4813, 0.1811, 0.1664



21.1312, 0.1750, 0.1498



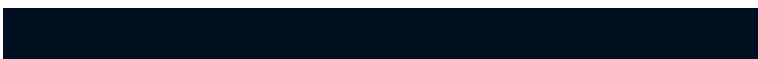
4.3354, 0.1536, 0.0659



10.5375, 0.2984, 0.3169



8.0150, 0.1764, 0.1548



0.4843, 0.1879, 0.1963

Previews

White Background



This preview shows how the Yxy color 22.0192, 0.5220, 0.4166 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 22.0192, 0.5220, 0.4166 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 22.0192, 0.5220, 0.4166

Background



This preview shows how black text looks on a background with the Yxy color 22.0192, 0.5220, 0.4166.



This preview shows how white text looks on a background with the Yxy color 22.0192, 0.5220, 0.4166.

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

22.0192, 0.5220, 0.4166

Protanopia

22.1342, 0.4335, 0.4802

Deuteranopia

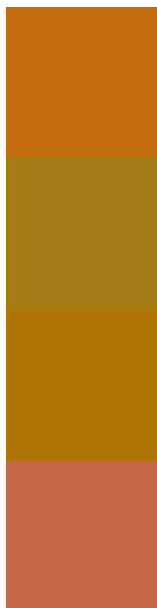
22.0584, 0.4711, 0.4641



Tritanopia

22.1816, 0.4403, 0.3202

Trichromacy



Original Color

22.0192, 0.5220, 0.4166

Protanomaly

21.7526, 0.4662, 0.4572

Deuteranomaly

21.8475, 0.4911, 0.4458

Tritanomaly

22.0652, 0.4821, 0.3654

Monochromacy



Original Color

22.0192, 0.5220, 0.4166

Achromatopsia

19.8069, 0.3127, 0.3290

Achromatomaly

19.7522, 0.3973, 0.3855

CSS Examples

Text

The CSS property to change the color of the text to Yxy 22.0192, 0.5220, 0.4166 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(194, 107, 15)` looks like.

```
.text, #text, p{  
    color:rgb(194, 107, 15)  
}
```

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(194, 107, 15) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(194, 107, 15) }
```

Border

The CSS property to change the border of an element to Yxy 22.0192, 0.5220, 0.4166 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(194, 107, 15) }
```

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

```
.border{ border-color:rgb(194, 107, 15) }
```

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

Here you see how a box with a 4 pixel rgb(194, 107, 15) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(194, 107, 15); -webkit-box-  
shadow:4px 4px 4px 4px rgb(194, 107, 15);  
box-shadow:4px 4px 4px 4px rgb(194, 107,  
15) }
```


Background

The CSS property to change the background color of an element to Yxy 22.0192, 0.5220, 0.4166 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(194, 107, 15) }
```

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

```
.background{ background-color: rgb(194,  
107, 15) }
```

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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