

Converting Colors

$Yxy(19.6494, 0.5461, 0.3934)$

Have a look what the booklet for
Yxy(19.6494, 0.5461, 0.3934)
contains.

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Color

Yxy(19.5384, 0.5464, 0.3932)

Conversions

Conversions Part 1

Format	Color
Hex	C65B14
RGB	198, 91, 20
RGB Percent	78%, 36%, 8%
CMY	0.2236, 0.6430, 0.9216
CMYK	0.00, 0.54, 0.90, 0.22
HSL	24°, 82%, 43%
HSV	24°, 90%, 78%
XYZ	27.1510, 19.5384, 3.0013
YIQ	114.8990, 86.5630, 0.6030

Conversions

Conversions Part 2

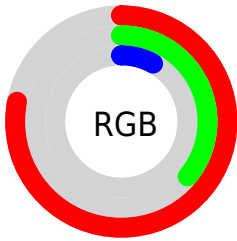
Format	Color
R_{YB}	198, 138, 20
Decimal	12999444
CIE _{Lab}	51.31, 39.16, 55.64
CIE _{LCh}	51, 68.038, 54.860
Yxy	19.5384, 0.5464, 0.3932
Android (android.graphics.Color)	4291189524 (0xFFC65B14)
YUV	114.8990, -46.7852, 72.8796
Hunter-Lab	44.2023, 32.2888, 26.9158

Details

The Yxy color **19.5384, 0.5464, 0.3932** is a dark color, and the websafe version is hex **CC6600**. The color can be described as dark washed red. A complement of this color would be **19.3863, 0.1928, 0.2070**, and the grayscale version is **17.2389, 0.3127, 0.3290**.

A 20% lighter version of the original color is **41.3860, 0.4969, 0.3934**, and **6.8359, 0.5939, 0.3666** is the 20% darker color. If you saturate the color by 10%, you get **17.6136, 0.5705, 0.3851**, and if you desaturate by 10%, it is **21.8391, 0.5178, 0.3968**.

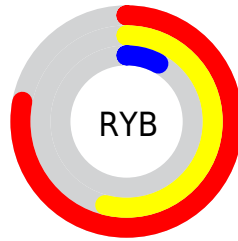
Distribution



Red (78%)

Green (36%)

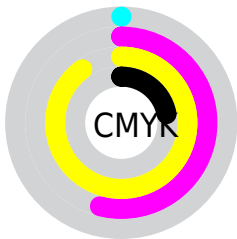
Blue (8%)



Red (78%)

Yellow (54%)

Blue (8%)

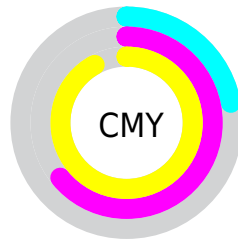


Cyan (0%)

Magenta (54%)

Yellow (90%)

Black (22%)



Cyan (22%)

Magenta (64%)

Yellow (92%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 19.5384, 0.5464, 0.3932 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 19.5384, 0.5464, 0.3932 by changing the saturation by 10% instead.


 19.5384, 0.5464,
0.3932


 19.5384, 0.5464,
0.3932


249.4051, 0.4210,
0.3743


 12.0600, 0.5754,
0.3893


 42.6419, 0.5012,
0.3919


 6.7845, 0.6168,
0.3832


 59.0358, 0.4839,
0.3895


 3.3277, 0.6463,
0.3537

 79.1702, 0.4692,
0.3868

 1.3051, 0.6923,
0.3077

 103.4296, 0.4566,
0.3841

 0.1452, 0.8853,
0.1147

 132.1985, 0.4458,
0.3814


 0.0000, 1.0000,
0.0000

 165.8610, 0.4364,


 0.0000, 0.0000,


0.3789


0.0000

 204.8018, 0.4282,
0.3765

 19.5384, 0.5464,
0.3932

 19.5384, 0.5464,
0.3932


 17.6136, 0.5705,
0.3851


 21.8391, 0.5178,
0.3968

 17.5968, 0.5707,
0.3851

 24.5441, 0.4862,
0.3952

 27.6772, 0.4540,
0.3896

 31.2589, 0.4232,
0.3811

 35.3078, 0.3950,
0.3709

■ 39.8418, 0.3698,
0.3601

■ 44.8773, 0.3479,
0.3493

■ 50.4302, 0.3289,
0.3388

■ 56.5154, 0.3126,
0.3289

Harmonies

Analogous

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



19.5384, 0.5363, 0.3163



19.5384, 0.5464, 0.3932



19.5384, 0.4840, 0.4785

Triad

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



19.5384, 0.5464, 0.3932



19.5384, 0.1818, 0.4248



19.5384, 0.2041, 0.1619

Complementary

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



19.5384, 0.5464, 0.3932



19.3863, 0.1928, 0.2070

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.



19.5384, 0.1434, 0.1608



19.5384, 0.5464, 0.3932



19.5384, 0.1298, 0.2799

Square

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



19.5384, 0.5464, 0.3932



19.5384, 0.2759, 0.5499



19.5384, 0.1197, 0.1945



19.5384, 0.3086, 0.1918

Rectangle

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



19.5384, 0.5464, 0.3932



19.5384, 0.4202, 0.5326



19.5384, 0.1197, 0.1945



19.5384, 0.1792, 0.1582

Sweetspot

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



19.5395, 0.5464, 0.3932



72.7177, 0.3641, 0.3574



14.1070, 0.4307, 0.2206



14.9312, 0.3721, 0.3612



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.



19.5395, 0.5464, 0.3932



30.7192, 0.5732, 0.3831



43.5797, 0.4364, 0.4855



11.3201, 0.3280, 0.3383



11.6041, 0.5683, 0.3869



0.6905, 0.5302, 0.4172

Inverse Universe

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



19.3863, 0.1928, 0.2070



30.0751, 0.1861, 0.1899



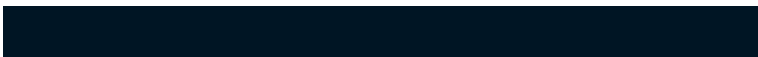
5.7934, 0.1586, 0.0816



11.3297, 0.2984, 0.3196



11.3985, 0.1872, 0.1940



0.6786, 0.1959, 0.2251

Previews

White Background



This preview shows how the Yxy color 19.5384, 0.5464, 0.3932 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 19.5384, 0.5464, 0.3932 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 19.5384, 0.5464, 0.3932

Background



This preview shows how black text looks on a background with the Yxy color 19.5384, 0.5464, 0.3932.



This preview shows how white text looks on a background with the Yxy color 19.5384, 0.5464, 0.3932.

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

19.5384, 0.5464, 0.3932

Protanopia

19.6530, 0.4295, 0.4749

Deuteranopia

19.6911, 0.4697, 0.4653



Tritanopia

19.5145, 0.4791, 0.3234

Trichromacy



Original Color

19.5384, 0.5464, 0.3932

Protanomaly

18.9126, 0.4760, 0.4422

Deuteranomaly

19.3984, 0.5002, 0.4372

Tritanomaly

19.3402, 0.5120, 0.3547

Monochromacy



Original Color

19.5384, 0.5464, 0.3932

Achromatopsia

17.1441, 0.3127, 0.3290

Achromatomaly

16.9070, 0.4055, 0.3751

CSS Examples

Text

The CSS property to change the color of the text to Yxy 19.5384, 0.5464, 0.3932 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, 91, 20)` looks like.

```
.text, #text, p{  
    color:rgb(198, 91, 20)  
}
```

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, 91, 20) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(198, 91, 20) }
```

Border

The CSS property to change the border of an element to Yxy 19.5384, 0.5464, 0.3932 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, 91, 20) }
```

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

```
.border{ border-color:rgb(198, 91, 20) }
```

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

Here you see how a box with a 4 pixel `rgb(198, 91, 20)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(198, 91, 20); -webkit-box-  
shadow:4px 4px 4px 4px rgb(198, 91, 20);  
box-shadow:4px 4px 4px 4px rgb(198, 91,  
20) }
```


Background

The CSS property to change the background color of an element to Yxy 19.5384, 0.5464, 0.3932 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(198, 91, 20) }
```

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

```
.background{ background-color: rgb(198, 91,  
20) }
```

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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