

Converting Colors

$Yxy(19.4011, 0.5391, 0.3747)$

Have a look what the booklet for
Yxy(19.4011, 0.5391, 0.3747)
contains.

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Color

Yxy(19.4011, 0.5391, 0.3747)

Conversions

Conversions Part 1

Format	Color
Hex	C9572A
RGB	201, 87, 42
RGB Percent	79%, 34%, 16%
CMY	0.2118, 0.6588, 0.8353
CMYK	0.00, 0.57, 0.79, 0.21
HSL	17°, 65%, 48%
HSV	17°, 79%, 79%
XYZ	27.9134, 19.4011, 4.4632
YIQ	115.9560, 82.3890, 10.1730

Conversions

Conversions Part 2

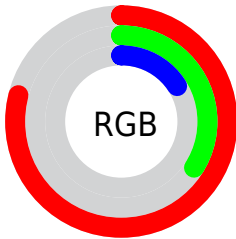
Format	Color
R _Y B	201, 105, 42
Decimal	13195050
CIE Lab	51.15, 42.90, 46.82
CIE LCh	51, 63.501, 47.506
Yxy	19.4011, 0.5391, 0.3747
Android (android.graphics.Color)	4291385130 (0xFFC9572A)
YUV	115.9560, -36.4603, 74.5836
Hunter-Lab	44.0467, 36.0377, 24.8248

Details

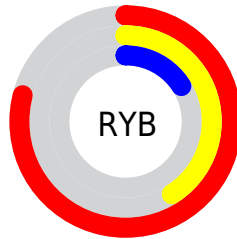
The Yxy color **19.4011, 0.5391, 0.3747** is a dark color, and the websafe version is hex **CC6633**. The color can be described as dark muted red. A complement of this color would be **28.4805, 0.2099, 0.2557**, and the grayscale version is **17.5466, 0.3127, 0.3290**.

A 20% lighter version of the original color is **40.7715, 0.4849, 0.3765**, and **6.7195, 0.6056, 0.3574** is the 20% darker color. If you saturate the color by 10%, you get **17.1874, 0.5725, 0.3701**, and if you desaturate by 10%, it is **22.1549, 0.5018, 0.3749**.

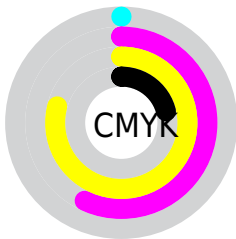
Distribution



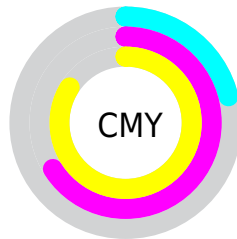
- Red (79%)
- Green (34%)
- Blue (16%)



- Red (79%)
- Yellow (41%)
- Blue (16%)



- Cyan (0%)
- Magenta (57%)
- Yellow (79%)
- Black (21%)





- Cyan (21%)
- Magenta (66%)
- Yellow (84%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 19.4011, 0.5391, 0.3747 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 19.4011, 0.5391, 0.3747 by changing the saturation by 10% instead.


 19.4011, 0.5391,
0.3747


 19.4011, 0.5391,
0.3747


248.6542, 0.4142,
0.3624


 11.9605, 0.5707,
0.3709


 42.4108, 0.4924,
0.3746

 6.7168, 0.6117,
0.3623

 58.7486, 0.4751,
0.3730

 3.2856, 0.6595,
0.3405

 78.8209, 0.4606,
0.3712

 1.2826, 0.7081,
0.2919

 103.0122, 0.4483,
0.3694

 0.1277, 0.9047,
0.0953

 131.7067, 0.4379,
0.3675

 0.0000, 1.0000,
0.0000

 165.2890, 0.4289,

 0.0000, 0.0000,

0.3657

0.0000

204.1434, 0.4210,
0.3640

■ 19.4011, 0.5391,
0.3747

■ 19.4011, 0.5391,
0.3747

■ 17.1874, 0.5725,
0.3701

■ 22.1549, 0.5018,
0.3749

■ 15.4665, 0.5990,
0.3616

■ 25.4805, 0.4643,
0.3715

■ 15.3341, 0.6012,
0.3609

■ 29.4108, 0.4291,
0.3657

■ 33.9751, 0.3977,
0.3585

■ 39.2006, 0.3705,
0.3507

■ 45.1130, 0.3473,
0.3429

■ 51.7364, 0.3278,
0.3354

■ 59.0938, 0.3114,
0.3284

■ 67.2073, 0.2976,
0.3219

Harmonies

Analogous

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



19.4011, 0.5070, 0.3017



19.4011, 0.5391, 0.3747



19.4011, 0.4962, 0.4542

Triad

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



19.4011, 0.5391, 0.3747



19.4011, 0.2090, 0.4532



19.4011, 0.1919, 0.1667

Complementary

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



19.4011, 0.5391, 0.3747



28.4805, 0.2099, 0.2557

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.



19.4011, 0.1425, 0.1735



19.4011, 0.5391, 0.3747



19.4011, 0.1473, 0.3133

Square

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



19.4011, 0.5391, 0.3747



19.4011, 0.3057, 0.5460



19.4011, 0.1276, 0.2172



19.4011, 0.2816, 0.1889

Rectangle

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



19.4011, 0.5391, 0.3747



19.4011, 0.4412, 0.5065



19.4011, 0.1276, 0.2172



19.4011, 0.1713, 0.1656

Sweetspot

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



19.4022, 0.5391, 0.3747



71.7972, 0.3589, 0.3469



16.5620, 0.3803, 0.2023



14.6036, 0.3676, 0.3498



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.



19.4022, 0.5391, 0.3747



27.2228, 0.5920, 0.3640



39.0988, 0.4463, 0.4621



11.1178, 0.3283, 0.3356



9.7775, 0.5986, 0.3629



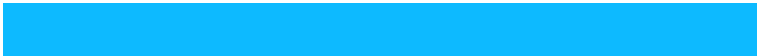
0.5891, 0.5564, 0.3964

Inverse Universe

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



28.4805, 0.2099, 0.2557



42.5978, 0.1999, 0.2374



10.3146, 0.1763, 0.1272



11.5404, 0.2984, 0.3223



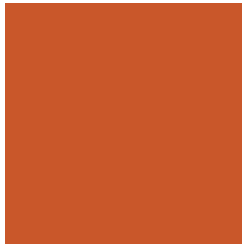
15.3735, 0.1986, 0.2351



0.8464, 0.2047, 0.2570

Previews

White Background



This preview shows how the Yxy color 19.4011, 0.5391, 0.3747 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 19.4011, 0.5391, 0.3747 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 19.4011, 0.5391, 0.3747

Background



This preview shows how black text looks on a background with the Yxy color 19.4011, 0.5391, 0.3747.



This preview shows how white text looks on a background with the Yxy color 19.4011, 0.5391, 0.3747.

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

19.4011, 0.5391, 0.3747

Protanopia

19.6481, 0.4095, 0.4506

Deuteranopia

19.4706, 0.4566, 0.4479



Tritanopia

19.4192, 0.4894, 0.3236

Trichromacy



Original Color

19.4011, 0.5391, 0.3747

Protanomaly

18.8388, 0.4601, 0.4206

Deuteranomaly

18.8885, 0.4904, 0.4179

Tritanomaly

19.3521, 0.5100, 0.3443

Monochromacy



Original Color

19.4011, 0.5391, 0.3747

Achromatopsia

17.4647, 0.3127, 0.3290

Achromatomaly

17.0275, 0.3963, 0.3573

CSS Examples

Text

The CSS property to change the color of the text to Yxy 19.4011, 0.5391, 0.3747 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(201, 87, 42)` looks like.

```
.text, #text, p{  
    color:rgb(201, 87, 42)  
}
```

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(201, 87, 42) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(201, 87, 42) }
```

Border

The CSS property to change the border of an element to Yxy 19.4011, 0.5391, 0.3747 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(201, 87, 42) }
```

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

```
.border{ border-color:rgb(201, 87, 42) }
```

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

Here you see how a box with a 4 pixel rgb(201, 87, 42) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(201, 87, 42); -webkit-box-  
shadow:4px 4px 4px 4px rgb(201, 87, 42);  
box-shadow:4px 4px 4px 4px rgb(201, 87,  
42) }
```


Background

The CSS property to change the background color of an element to Yxy 19.4011, 0.5391, 0.3747 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(201, 87, 42) }
```

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

```
.background{ background-color: rgb(201, 87,  
42) }
```

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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