

Converting Colors

$Yxy(19.1330, 0.5449, 0.3628)$

Have a look what the booklet for
Yxy(19.1330, 0.5449, 0.3628)
contains.

Yxy(19.0692, 0.5447, 0.3628)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

Yxy(19.0692, 0.5447, 0.3628)

Conversions

Conversions Part 1

Format	Color
Hex	CD512F
RGB	205, 81, 47
RGB Percent	80%, 32%, 18%
CMY	0.1961, 0.6823, 0.8157
CMYK	0.00, 0.60, 0.77, 0.20
HSL	13°, 63%, 49%
HSV	13°, 77%, 80%
XYZ	28.6301, 19.0692, 4.8619
YIQ	114.2000, 84.8180, 15.7140

Conversions

Conversions Part 2

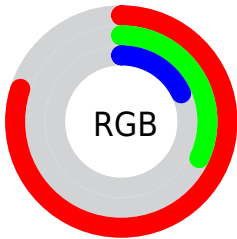
Format	Color
R _Y B	205, 90, 47
Decimal	13455663
CIE Lab	50.77, 47.38, 44.16
CIE LCh	51, 64.768, 42.990
Yxy	19.0692, 0.5447, 0.3628
Android (android.graphics.Color)	4291645743 (0xFFCD512F)
YUV	114.2000, -33.1296, 79.6316
Hunter-Lab	43.6683, 40.6098, 23.9666

Details

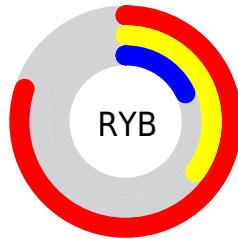
The Yxy color **19.0692, 0.5447, 0.3628** is a dark color, and the websafe version is hex **CC6633**. The color can be described as dark muted red. A complement of this color would be **34.1294, 0.2161, 0.2757**, and the grayscale version is **16.9750, 0.3127, 0.3290**.

A 20% lighter version of the original color is **39.4142, 0.4853, 0.3681**, and **6.5349, 0.6192, 0.3466** is the 20% darker color. If you saturate the color by 10%, you get **16.8271, 0.5811, 0.3588**, and if you desaturate by 10%, it is **21.9574, 0.5042, 0.3631**.

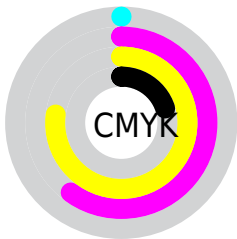
Distribution



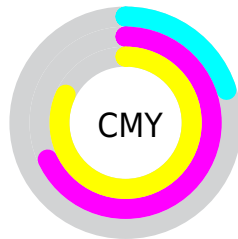
- Red (80%)
- Green (32%)
- Blue (18%)



- Red (80%)
- Yellow (35%)
- Blue (18%)



- Cyan (0%)
- Magenta (60%)
- Yellow (77%)
- Black (20%)





- Cyan (20%)
- Magenta (68%)
- Yellow (82%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 19.0692, 0.5447, 0.3628 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 19.0692, 0.5447, 0.3628 by changing the saturation by 10% instead.


 19.0692, 0.5447,
0.3628

 19.0692, 0.5447,
0.3628


246.8305, 0.4156,
0.3568


 11.7203, 0.5780,
0.3576


 41.8510, 0.4960,
0.3649


 6.5535, 0.6206,
0.3466


 58.0527, 0.4781,
0.3642


 3.1845, 0.6756,
0.3244


 77.9741, 0.4632,
0.3632

 1.2288, 0.7274,
0.2726

 101.9996, 0.4506,
0.3619

 0.0850, 0.9387,
0.0613

 130.5136, 0.4399,
0.3606

 0.0000, 1.0000,
0.0000

 163.9005, 0.4307,

 0.0000, 0.0000,

0.3593

0.0000

202.5446, 0.4227,
0.3581

■ 19.0692, 0.5447,
0.3628

■ 19.0692, 0.5447,
0.3628

■ 16.8271, 0.5811,
0.3588

■ 21.9574, 0.5042,
0.3631

■ 15.1744, 0.6089,
0.3514

■ 25.5348, 0.4640,
0.3605

■ 14.7884, 0.6158,
0.3492

■ 29.8442, 0.4269,
0.3560

■ 34.9240, 0.3944,
0.3504

■ 40.8099, 0.3668,
0.3444

■ 47.5351, 0.3436,
0.3384

■ 55.1313, 0.3243,
0.3328

■ 63.6282, 0.3083,
0.3275

■ 73.0541, 0.2951,
0.3227

Harmonies

Analogous

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



19.0692, 0.4996, 0.2900



19.0692, 0.5447, 0.3628



19.0692, 0.5096, 0.4428

Triad

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



19.0692, 0.5447, 0.3628



19.0692, 0.2194, 0.4775



19.0692, 0.1794, 0.1628

Complementary

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



19.0692, 0.5447, 0.3628



34.1294, 0.2161, 0.2757

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.



19.0692, 0.1351, 0.1743



19.0692, 0.5447, 0.3628



19.0692, 0.1503, 0.3324

Square

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



19.0692, 0.5447, 0.3628



19.0692, 0.3206, 0.5560



19.0692, 0.1248, 0.2253



19.0692, 0.2642, 0.1811

Rectangle

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



19.0692, 0.5447, 0.3628



19.0692, 0.4566, 0.4978



19.0692, 0.1248, 0.2253



19.0692, 0.1605, 0.1631

Sweetspot

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



19.0703, 0.5447, 0.3628



70.8507, 0.3575, 0.3421



18.0435, 0.3622, 0.1935



14.3357, 0.3665, 0.3443



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.



19.0703, 0.5447, 0.3628



25.8062, 0.5992, 0.3545



37.4982, 0.4544, 0.4503



11.5987, 0.3285, 0.3341



9.3226, 0.6136, 0.3510



0.5956, 0.5752, 0.3815

Inverse Universe

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



34.1294, 0.2161, 0.2757



50.7948, 0.2074, 0.2630



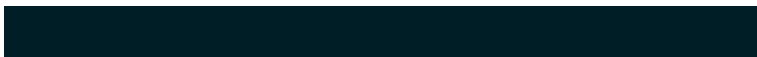
13.0889, 0.1829, 0.1475



12.3012, 0.2983, 0.3239



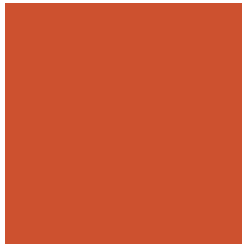
18.7273, 0.2052, 0.2588



1.0709, 0.2095, 0.2740

Previews

White Background



This preview shows how the Yxy color 19.0692, 0.5447, 0.3628 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 19.0692, 0.5447, 0.3628 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 19.0692, 0.5447, 0.3628

Background



This preview shows how black text looks on a background with the Yxy color 19.0692, 0.5447, 0.3628.



This preview shows how white text looks on a background with the Yxy color 19.0692, 0.5447, 0.3628.

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

19.0692, 0.5447, 0.3628

Protanopia

19.3032, 0.4012, 0.4405

Deuteranopia

19.0768, 0.4519, 0.4437



Tritanopia

19.0388, 0.5042, 0.3240

Trichromacy



Original Color

19.0692, 0.5447, 0.3628

Protanomaly

18.2648, 0.4566, 0.4080

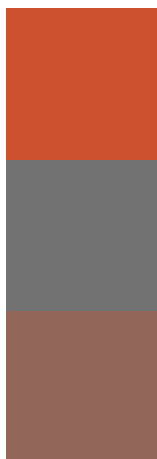
Deuteranomaly

18.5185, 0.4891, 0.4108

Tritanomaly

19.0003, 0.5223, 0.3392

Monochromacy



Original Color

19.0692, 0.5447, 0.3628

Achromatopsia

16.8269, 0.3127, 0.3290

Achromatomaly

16.4440, 0.3969, 0.3503

CSS Examples

Text

The CSS property to change the color of the text to Yxy 19.0692, 0.5447, 0.3628 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(205, 81, 47)` looks like.

```
.text, #text, p{  
    color:rgb(205, 81, 47)  
}
```

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(205, 81, 47) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(205, 81, 47) }
```

Border

The CSS property to change the border of an element to Yxy 19.0692, 0.5447, 0.3628 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(205, 81, 47) }
```

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

```
.border{ border-color:rgb(205, 81, 47) }
```

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

Here you see how a box with a 4 pixel rgb(205, 81, 47) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(205, 81, 47); -webkit-box-  
shadow:4px 4px 4px 4px rgb(205, 81, 47);  
box-shadow:4px 4px 4px 4px rgb(205, 81,  
47) }
```


Background

The CSS property to change the background color of an element to Yxy 19.0692, 0.5447, 0.3628 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(205, 81, 47) }
```

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

```
.background{ background-color: rgb(205, 81,  
47) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor