

Converting Colors

$Y_{xy}(18.6625, 0.5219, 0.3574)$

Have a look what the booklet for
Yxy(18.6625, 0.5219, 0.3574)
contains.

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Color

Yxy(18.6622, 0.5219, 0.3574)

Conversions

Conversions Part 1

Format	Color
Hex	C6543B
RGB	198, 84, 59
RGB Percent	78%, 33%, 23%
CMY	0.2235, 0.6706, 0.7687
CMYK	0.00, 0.58, 0.70, 0.22
HSL	11°, 55%, 50%
HSV	11°, 70%, 78%
XYZ	27.2518, 18.6622, 6.3025
YIQ	115.2360, 75.9690, 16.3930

Conversions

Conversions Part 2

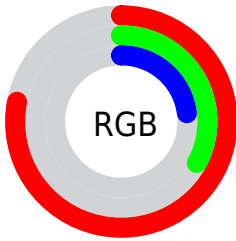
Format	Color
RYB	198, 89, 59
Decimal	12997691
CIELab	50.29, 43.97, 36.93
CIELCh	50, 57.420, 40.023
Yxy	18.6622, 0.5219, 0.3574
Android (android.graphics.Color)	4291187771 (0xFFC6543B)
YUV	115.2360, -27.7243, 72.5840
Hunter-Lab	43.1998, 37.0040, 21.5898

Details

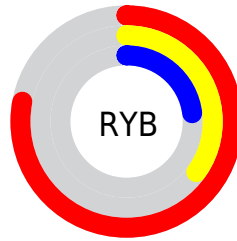
The Yxy color **18.6622, 0.5219, 0.3574** is a dark color, and the websafe version is hex **CC6633**. The color can be described as dark muted red. A complement of this color would be **34.9022, 0.2234, 0.2894**, and the grayscale version is **17.2879, 0.3127, 0.3290**.

A 20% lighter version of the original color is **40.2129, 0.4720, 0.3592**, and **6.3635, 0.5975, 0.3449** is the 20% darker color. If you saturate the color by 10%, you get **16.2601, 0.5628, 0.3558**, and if you desaturate by 10%, it is **21.7288, 0.4798, 0.3561**.

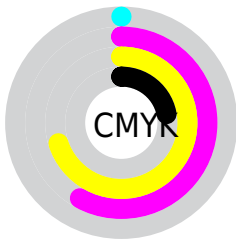
Distribution



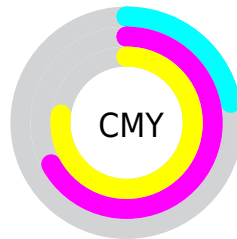
- Red (78%)
- Green (33%)
- Blue (23%)



- Red (78%)
- Yellow (35%)
- Blue (23%)



- Cyan (0%)
- Magenta (58%)
- Yellow (70%)
- Black (22%)




- Cyan (22%)
- Magenta (67%)
- Yellow (77%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 18.6622, 0.5219, 0.3574 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 18.6622, 0.5219, 0.3574 by changing the saturation by 10% instead.


 18.6622, 0.5219,
0.3574


 18.6622, 0.5219,
0.3574


244.5775, 0.4033,
0.3510


 11.4264, 0.5544,
0.3539


 41.1625, 0.4761,
0.3582


 6.3544, 0.5964,
0.3453


 57.1959, 0.4596,
0.3575


 3.0618, 0.6665,
0.3335

 76.9305, 0.4460,
0.3564

 1.1641, 0.7177,
0.2823

 100.7509, 0.4346,
0.3553

 0.0321, 0.9725,
0.0275

 129.0414, 0.4250,
0.3542

 0.0000, 1.0000,
0.0000

 162.1864, 0.4167,

 0.0000, 0.0000,

0.3531

0.0000

200.5703, 0.4096,
0.3520

■ 18.6622, 0.5219,
0.3574

■ 18.6622, 0.5219,
0.3574

■ 16.2601, 0.5628,
0.3558

■ 21.7288, 0.4798,
0.3561

■ 14.4689, 0.5973,
0.3510

■ 25.5017, 0.4403,
0.3528

■ 13.2462, 0.6218,
0.3445

■ 30.0229, 0.4054,
0.3484

■ 35.3301, 0.3756,
0.3434

■ 41.4585, 0.3507,
0.3384

■ 48.4411, 0.3300,
0.3336

■ 56.3092, 0.3130,
0.3291

■ 65.0924, 0.2990,
0.3249

■ 74.8188, 0.2874,
0.3212

Harmonies

Analogous

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



18.6622, 0.4720, 0.2889



18.6622, 0.5219, 0.3574



18.6622, 0.5000, 0.4310

Triad

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



18.6622, 0.5219, 0.3574



18.6622, 0.2386, 0.4703



18.6622, 0.1852, 0.1757

Complementary

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



18.6622, 0.5219, 0.3574



34.9022, 0.2234, 0.2894

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.



18.6622, 0.1465, 0.1908



18.6622, 0.5219, 0.3574



18.6622, 0.1697, 0.3459

Square

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



18.6622, 0.5219, 0.3574



18.6622, 0.3336, 0.5316



18.6622, 0.1405, 0.2440



18.6622, 0.2602, 0.1901

Rectangle

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



18.6622, 0.5219, 0.3574



18.6622, 0.4559, 0.4798



18.6622, 0.1405, 0.2440



18.6622, 0.1685, 0.1772

Sweetspot

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



18.6632, 0.5219, 0.3574



72.1260, 0.3532, 0.3390



18.2246, 0.3500, 0.1958



14.7649, 0.3599, 0.3404



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.



18.6632, 0.5219, 0.3574



27.0563, 0.5813, 0.3538



34.6754, 0.4468, 0.4395



10.9403, 0.3285, 0.3332



8.7034, 0.6199, 0.3460



0.5090, 0.5817, 0.3763

Inverse Universe

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



34.9022, 0.2234, 0.2894



57.0476, 0.2139, 0.2796



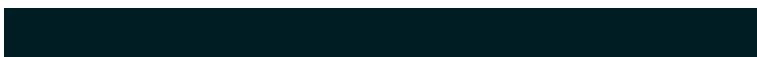
15.1792, 0.1947, 0.1730



11.7306, 0.2984, 0.3247



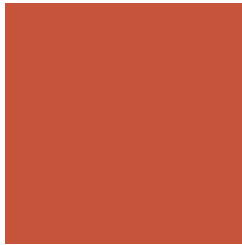
19.6616, 0.2086, 0.2711



1.0181, 0.2123, 0.2844

Previews

White Background



This preview shows how the Yxy color 18.6622, 0.5219, 0.3574 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 18.6622, 0.5219, 0.3574 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

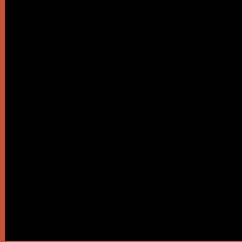
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 18.6622, 0.5219, 0.3574

Background



This preview shows how black text looks on a background with the Yxy color 18.6622, 0.5219, 0.3574.



This preview shows how white text looks on a background with the Yxy color 18.6622, 0.5219, 0.3574.

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

18.6622, 0.5219, 0.3574

Protanopia

18.7934, 0.3874, 0.4192

Deuteranopia

18.6812, 0.4360, 0.4274



Tritanopia

18.6989, 0.4874, 0.3235

Trichromacy



Original Color

18.6622, 0.5219, 0.3574

Protanomaly

17.9886, 0.4372, 0.3936

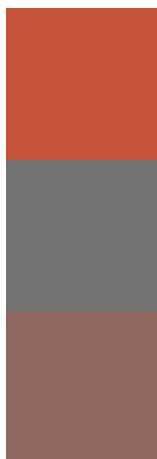
Deuteranomaly

18.1918, 0.4703, 0.3984

Tritanomaly

18.6985, 0.5018, 0.3366

Monochromacy



Original Color

18.6622, 0.5219, 0.3574

Achromatopsia

17.1441, 0.3127, 0.3290

Achromatomaly

16.7466, 0.3853, 0.3452

CSS Examples

Text

The CSS property to change the color of the text to Yxy 18.6622, 0.5219, 0.3574 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, 84, 59)` looks like.

```
.text, #text, p{  
    color:rgb(198, 84, 59)  
}
```

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, 84, 59) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(198, 84, 59) }
```

Border

The CSS property to change the border of an element to Yxy 18.6622, 0.5219, 0.3574 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, 84, 59) }
```

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

```
.border{ border-color:rgb(198, 84, 59) }
```

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

Here you see how a box with a 4 pixel rgb(198, 84, 59) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(198, 84, 59); -webkit-box-  
shadow:4px 4px 4px 4px rgb(198, 84, 59);  
box-shadow:4px 4px 4px 4px rgb(198, 84,  
59) }
```


Background

The CSS property to change the background color of an element to Yxy 18.6622, 0.5219, 0.3574 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(198, 84, 59) }
```

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

```
.background{ background-color: rgb(198, 84,  
59) }
```

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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