

Converting Colors

$Y_{xy}(15.9309, 0.5037, 0.3782)$

Have a look what the booklet for
Yxy(15.9309, 0.5037, 0.3782)
contains.

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Color

Yxy(15.9309, 0.5037, 0.3782)

Conversions

Conversions Part 1

Format	Color
Hex	AD5732
RGB	173, 87, 50
RGB Percent	68%, 34%, 20%
CMY	0.3216, 0.6588, 0.8039
CMYK	0.00, 0.50, 0.71, 0.32
HSL	18°, 55%, 44%
HSV	18°, 71%, 68%
XYZ	21.2173, 15.9309, 4.9747
YIQ	108.4960, 63.1330, 6.7250

Conversions

Conversions Part 2

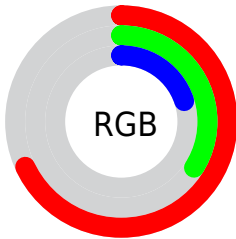
Format	Color
R_{YB}	173, 103, 50
Decimal	11360050
CIE Lab	46.88, 32.26, 36.92
CIE LCh	47, 49.029, 48.855
Yxy	15.9309, 0.5037, 0.3782
Android (android.graphics.Color)	4289550130 (0xFFAD5732)
YUV	108.4960, -28.8385, 56.5700
Hunter-Lab	39.9135, 25.0388, 20.5497

Details

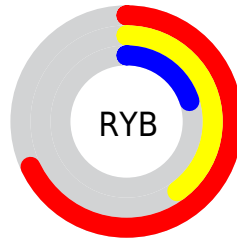
The Yxy color **15.9309, 0.5037, 0.3782** is a dark color, and the websafe version is hex **CC6633**. A complement of this color would be **21.3027, 0.2162, 0.2608**, and the grayscale version is **15.2133, 0.3127, 0.3290**.

A 20% lighter version of the original color is **36.3824, 0.4605, 0.3732**, and **5.0376, 0.5777, 0.3741** is the 20% darker color. If you saturate the color by 10%, you get **14.0123, 0.5396, 0.3778**, and if you desaturate by 10%, it is **18.2359, 0.4672, 0.3749**.

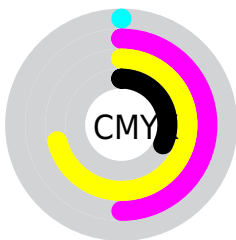
Distribution



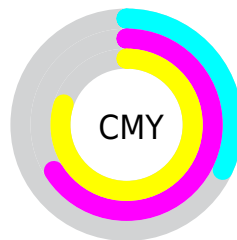
- Red (68%)
- Green (34%)
- Blue (20%)



- Red (68%)
- Yellow (40%)
- Blue (20%)



- Cyan (0%)
- Magenta (50%)
- Yellow (71%)
- Black (32%)





- Cyan (32%)
- Magenta (66%)
- Yellow (80%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 15.9309, 0.5037, 0.3782 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 15.9309, 0.5037, 0.3782 by changing the saturation by 10% instead.

 15.9309, 0.5037,
0.3782


 15.9309, 0.5037,
0.3782


228.9336, 0.3933,
0.3585


 9.4753, 0.5349,
0.3783


 36.4782, 0.4603,
0.3737


 5.0525, 0.5767,
0.3745

 51.3387, 0.4449,
0.3710

 2.2781, 0.6375,
0.3625

 69.7695, 0.4323,
0.3685

 0.7621, 0.6911,
0.3089

 92.1552, 0.4218,
0.3661

 0.0000, 1.0000,
0.0000

 118.8800, 0.4130,
0.3639

 0.0000, 0.0000,
0.0000

 150.3284, 0.4055,

0.3619

186.8849, 0.3989,
0.3601

■ 15.9309, 0.5037,
0.3782

■ 15.9309, 0.5037,
0.3782

■ 14.0123, 0.5396,
0.3778

■ 18.2359, 0.4672,
0.3749

■ 12.4543, 0.5714,
0.3728

■ 20.9455, 0.4327,
0.3690

■ 11.3440, 0.5951,
0.3657

■ 24.0800, 0.4015,
0.3615

■ 27.6571, 0.3743,
0.3534

■ 31.6939, 0.3509,
0.3452

■ 36.2062, 0.3311,
0.3373

■ 41.2092, 0.3144,
0.3298

■ 46.7173, 0.3003,
0.3229

■ 52.7444, 0.2883,
0.3165

Harmonies

Analogous

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



15.9309, 0.4765, 0.3120



15.9309, 0.5037, 0.3782



15.9309, 0.4702, 0.4462

Triad

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



15.9309, 0.5037, 0.3782



15.9309, 0.2245, 0.4244



15.9309, 0.2128, 0.1888

Complementary

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



15.9309, 0.5037, 0.3782



21.3027, 0.2162, 0.2608

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.



15.9309, 0.1665, 0.1949



15.9309, 0.5037, 0.3782



15.9309, 0.1701, 0.3144

Square

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



15.9309, 0.5037, 0.3782



15.9309, 0.3078, 0.5025



15.9309, 0.1521, 0.2340



15.9309, 0.2921, 0.2095

Rectangle

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



15.9309, 0.5037, 0.3782



15.9309, 0.4244, 0.4860



15.9309, 0.1521, 0.2340



15.9309, 0.1936, 0.1876

Sweetspot

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



15.9318, 0.5037, 0.3782



56.5561, 0.3515, 0.3454



12.9461, 0.3779, 0.2144



11.8570, 0.3574, 0.3476



86.8899, 0.3127, 0.3290



16.2647, 0.3127, 0.3290

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



15.9318, 0.5037, 0.3782



23.5142, 0.5574, 0.3757



30.4197, 0.4295, 0.4590



8.3936, 0.3279, 0.3359



8.4236, 0.5932, 0.3672



0.3314, 0.5339, 0.4143

Inverse Universe

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



21.3027, 0.2162, 0.2608



33.3818, 0.2040, 0.2434



8.6738, 0.1872, 0.1431



8.6591, 0.2986, 0.3220



12.3581, 0.1971, 0.2295



0.4336, 0.2065, 0.2632

Previews

White Background



This preview shows how the Yxy color 15.9309, 0.5037, 0.3782 looks on a white 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

Black Background



This preview shows how the Yxy color 15.9309, 0.5037, 0.3782 looks on a black 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

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

Yxy 15.9309, 0.5037, 0.3782

Background



This preview shows how black text looks on a background with the Yxy color 15.9309, 0.5037, 0.3782.



This preview shows how white text looks on a background with the Yxy color 15.9309, 0.5037, 0.3782.

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

15.9309, 0.5037, 0.3782

Protanopia

16.1048, 0.3962, 0.4333

Deuteranopia

15.9865, 0.4402, 0.4324



Tritanopia

16.0051, 0.4536, 0.3222

Trichromacy



Original Color

15.9309, 0.5037, 0.3782

Protanomaly

15.6391, 0.4357, 0.4124

Deuteranomaly

15.7082, 0.4639, 0.4109

Tritanomaly

15.8337, 0.4745, 0.3436

Monochromacy



Original Color

15.9309, 0.5037, 0.3782

Achromatopsia

14.9960, 0.3127, 0.3290

Achromatomaly

14.7080, 0.3803, 0.3542

CSS Examples

Text

The CSS property to change the color of the text to Yxy 15.9309, 0.5037, 0.3782 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(173, 87, 50)` looks like.

```
.text, #text, p{  
    color:rgb(173, 87, 50)  
}
```

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(173, 87, 50) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(173, 87, 50) }
```

Border

The CSS property to change the border of an element to Yxy 15.9309, 0.5037, 0.3782 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(173, 87, 50) }
```

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

```
.border{ border-color:rgb(173, 87, 50) }
```

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

Here you see how a box with a 4 pixel `rgb(173, 87, 50)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(173, 87, 50); -webkit-box-  
shadow:4px 4px 4px 4px rgb(173, 87, 50);  
box-shadow:4px 4px 4px 4px rgb(173, 87,  
50) }
```


Background

The CSS property to change the background color of an element to Yxy 15.9309, 0.5037, 0.3782 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(173, 87, 50) }
```

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

```
.background{ background-color: rgb(173, 87,  
50) }
```

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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