

Converting Colors

$Y_{xy}(15.7913, 0.5380, 0.3965)$

Have a look what the booklet for
Yxy(15.7913, 0.5380, 0.3965)
contains.

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Color

$Y_{xy}(15.7419, 0.5387, 0.3956)$

Conversions

Conversions Part 1

Format	Color
Hex	B15415
RGB	177, 84, 21
RGB Percent	69%, 33%, 8%
CMY	0.3059, 0.6706, 0.9179
CMYK	0.00, 0.53, 0.88, 0.31
HSL	24°, 79%, 39%
HSV	24°, 88%, 69%
XYZ	21.4362, 15.7419, 2.6144
YIQ	104.6250, 75.6510, 0.1230

Conversions

Conversions Part 2

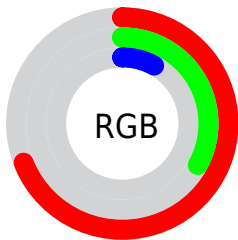
Format	Color
R_{YB}	177, 127, 21
Decimal	11621397
CIE Lab	46.63, 34.38, 50.29
CIE LCh	47, 60.917, 55.646
Yxy	15.7419, 0.5387, 0.3956
Android (android.graphics.Color)	4289811477 (0xFFB15415)
YUV	104.6250, -41.2271, 63.4729
Hunter-Lab	39.6761, 27.0070, 23.8665

Details

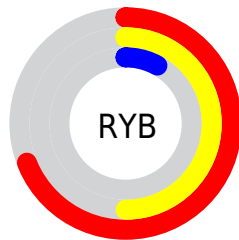
The Yxy color **15.7419, 0.5387, 0.3956** is a dark color, and the websafe version is hex **CC6633**. A complement of this color would be **15.3477, 0.1941, 0.2091**, and the grayscale version is **14.1168, 0.3127, 0.3290**.

A 20% lighter version of the original color is **36.1465, 0.4923, 0.3917**, and **4.9840, 0.5895, 0.3701** is the 20% darker color. If you saturate the color by 10%, you get **14.1801, 0.5635, 0.3886**, and if you desaturate by 10%, it is **17.5953, 0.5096, 0.3978**.

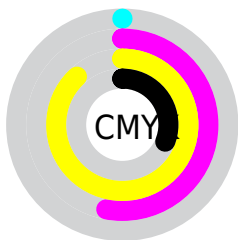
Distribution



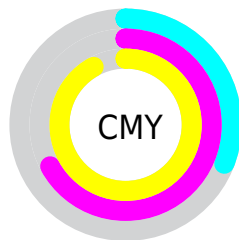
- Red (69%)
- Green (33%)
- Blue (8%)



- Red (69%)
- Yellow (50%)
- Blue (8%)



- Cyan (0%)
- Magenta (53%)
- Yellow (88%)
- Black (31%)




- Cyan (31%)
- Magenta (67%)
- Yellow (92%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 15.7419, 0.5387, 0.3956 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 15.7419, 0.5387, 0.3956 by changing the saturation by 10% instead.


 15.7419, 0.5387,
0.3956


 15.7419, 0.5387,
0.3956


227.8139, 0.4126,
0.3726


 9.3417, 0.5697,
0.3925


 36.1495, 0.4918,
0.3925


 4.9647, 0.6139,
0.3861

 50.9258, 0.4742,
0.3894


 2.2266, 0.6468,
0.3532

 69.2628, 0.4595,
0.3862

 0.7344, 0.7039,
0.2961

 91.5451, 0.4471,
0.3831

 0.0000, 1.0000,
0.0000


 118.1569, 0.4365,
0.3802

 0.0000, 0.0000,
0.0000


 149.4827, 0.4274,


0.3775

 185.9069, 0.4195,
0.3749


 15.7419, 0.5387,
0.3956

 15.7419, 0.5387,
0.3956


 14.1801, 0.5635,
0.3886


 17.5953, 0.5096,
0.3978

 13.9226, 0.5679,
0.3873

 19.7591, 0.4782,
0.3951

 22.2508, 0.4467,
0.3886

 25.0853, 0.4167,
0.3797

 28.2766, 0.3895,
0.3693

■ 31.8376, 0.3652,
0.3584

■ 35.7806, 0.3441,
0.3475

■ 40.1173, 0.3258,
0.3371

■ 44.8587, 0.3100,
0.3273

Harmonies

Analogous

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



15.7419, 0.5298, 0.3198



15.7419, 0.5387, 0.3956



15.7419, 0.4782, 0.4782

Triad

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



15.7419, 0.5387, 0.3956



15.7419, 0.1846, 0.4171



15.7419, 0.2097, 0.1668

Complementary

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



15.7419, 0.5387, 0.3956



15.3477, 0.1941, 0.2091

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.



15.7419, 0.1490, 0.1651



15.7419, 0.5387, 0.3956



15.7419, 0.1343, 0.2795

Square

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



15.7419, 0.5387, 0.3956



15.7419, 0.2758, 0.5385



15.7419, 0.1248, 0.1976



15.7419, 0.3123, 0.1968

Rectangle

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



15.7419, 0.5387, 0.3956



15.7419, 0.4163, 0.5288



15.7419, 0.1248, 0.1976



15.7419, 0.1849, 0.1630

Sweetspot

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



15.7428, 0.5387, 0.3956



58.1970, 0.3613, 0.3565



11.1082, 0.4321, 0.2236



12.1217, 0.3690, 0.3602



89.0005, 0.3127, 0.3290



17.0645, 0.3127, 0.3290

Same Dimension

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



15.7428, 0.5387, 0.3956



24.5278, 0.5708, 0.3850



35.0269, 0.4320, 0.4869



9.0504, 0.3277, 0.3382



10.2005, 0.5660, 0.3888



0.4368, 0.5156, 0.4288

Inverse Universe

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



15.3477, 0.1941, 0.2091



23.5014, 0.1858, 0.1889



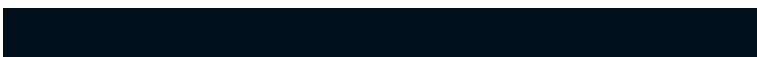
4.6270, 0.1601, 0.0833



9.0438, 0.2986, 0.3196



9.8090, 0.1869, 0.1929



0.4195, 0.1986, 0.2351

Previews

White Background



This preview shows how the Yxy color 15.7419, 0.5387, 0.3956 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 15.7419, 0.5387, 0.3956 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

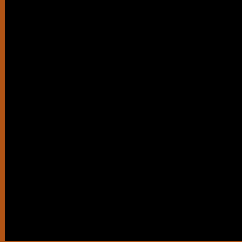
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

Yxy 15.7419, 0.5387, 0.3956

Background



This preview shows how black text looks on a background with the Yxy color 15.7419, 0.5387, 0.3956.



This preview shows how white text looks on a background with the Yxy color 15.7419, 0.5387, 0.3956.

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

15.7419, 0.5387, 0.3956

Protanopia

15.8127, 0.4277, 0.4712

Deuteranopia

15.7659, 0.4717, 0.4637



Tritanopia

15.6726, 0.4696, 0.3212

Trichromacy



Original Color

15.7419, 0.5387, 0.3956

Protanomaly

15.3068, 0.4713, 0.4417

Deuteranomaly

15.4369, 0.4990, 0.4365

Tritanomaly

15.5392, 0.5032, 0.3543

Monochromacy



Original Color

15.7419, 0.5387, 0.3956

Achromatopsia

14.1263, 0.3127, 0.3290

Achromatomaly

13.8691, 0.4007, 0.3737

CSS Examples

Text

The CSS property to change the color of the text to Yxy 15.7419, 0.5387, 0.3956 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(177, 84, 21)` looks like.

```
.text, #text, p{  
    color:rgb(177, 84, 21)  
}
```

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(177, 84, 21) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(177, 84, 21) }
```

Border

The CSS property to change the border of an element to Yxy 15.7419, 0.5387, 0.3956 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(177, 84, 21) }
```

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

```
.border{ border-color:rgb(177, 84, 21) }
```

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

Here you see how a box with a 4 pixel `rgb(177, 84, 21)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(177, 84, 21); -webkit-box-  
shadow:4px 4px 4px 4px rgb(177, 84, 21);  
box-shadow:4px 4px 4px 4px rgb(177, 84,  
21) }
```


Background

The CSS property to change the background color of an element to Yxy 15.7419, 0.5387, 0.3956 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(177, 84, 21) }
```

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

```
.background{ background-color: rgb(177, 84,  
21) }
```

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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