

Converting Colors

$Y_{xy}(15.6577, 0.5414, 0.3962)$

Have a look what the booklet for
Yxy(15.6577, 0.5414, 0.3962)
contains.

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Color

$Y_{xy}(15.5773, 0.5419, 0.3957)$

Conversions

Conversions Part 1

Format	Color
Hex	B15312
RGB	177, 83, 18
RGB Percent	69%, 33%, 7%
CMY	0.3059, 0.6745, 0.9292
CMYK	0.00, 0.53, 0.90, 0.31
HSL	25°, 81%, 38%
HSV	25°, 90%, 69%
XYZ	21.3327, 15.5773, 2.4565
YIQ	103.6960, 76.8890, -0.2870

Conversions

Conversions Part 2

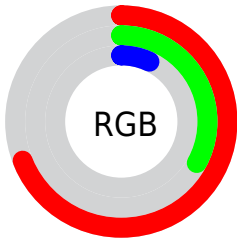
Format	Color
RYB	177, 128, 18
Decimal	11621138
CIELab	46.41, 34.83, 51.10
CIELCh	46, 61.840, 55.722
Yxy	15.5773, 0.5419, 0.3957
Android (android.graphics.Color)	4289811218 (0xFFB15312)
YUV	103.6960, -42.2481, 64.2876
Hunter-Lab	39.4681, 27.4109, 23.9375

Details

The Yxy color **15.5773, 0.5419, 0.3957** is a dark color, and the websafe version is hex **CC6633**. A complement of this color would be **14.8966, 0.1926, 0.2052**, and the grayscale version is **13.8598, 0.3127, 0.3290**.

A 20% lighter version of the original color is **35.8306, 0.4956, 0.3929**, and **4.9260, 0.5916, 0.3685** is the 20% darker color. If you saturate the color by 10%, you get **14.0525, 0.5662, 0.3884**, and if you desaturate by 10%, it is **17.3845, 0.5137, 0.3987**.

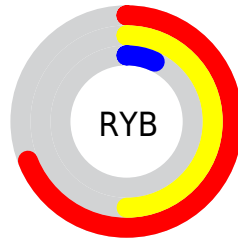
Distribution



Red (69%)

Green (33%)

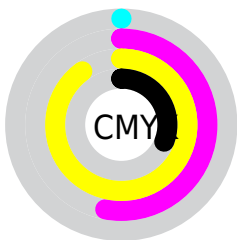
Blue (7%)



Red (69%)

Yellow (50%)

Blue (7%)

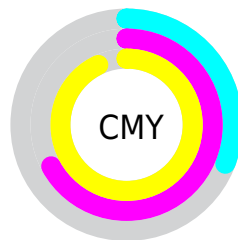


Cyan (0%)

Magenta (53%)

Yellow (90%)

Black (31%)



Cyan (31%)


Magenta (67%)

Yellow (93%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 15.5773, 0.5419, 0.3957 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 15.5773, 0.5419, 0.3957 by changing the saturation by 10% instead.


 15.5773, 0.5419,
0.3957


 15.5773, 0.5419,
0.3957


226.8344, 0.4143,
0.3733

 9.2255, 0.5731,
0.3922


 35.8628, 0.4946,
0.3930


 4.8886, 0.6159,
0.3841

 50.5653, 0.4768,
0.3901

 2.1820, 0.6495,
0.3505

 68.8203, 0.4619,
0.3869

 0.7102, 0.7086,
0.2914

 91.0119, 0.4493,
0.3838


 0.0000, 1.0000,
0.0000

 117.5248, 0.4386,
0.3809

 0.0000, 0.0000,
0.0000


 148.7432, 0.4293,

0.3782


 185.0516, 0.4213,
0.3756

 15.5773, 0.5419,
0.3957


 15.5773, 0.5419,
0.3957


 14.0525, 0.5662,
0.3884


 17.3845, 0.5137,
0.3987

 14.0251, 0.5667,
0.3883

 19.4960, 0.4827,
0.3966

 21.9293, 0.4512,
0.3906

 24.6992, 0.4211,
0.3818

 27.8198, 0.3935,
0.3715

■ 31.3037, 0.3689,
0.3605

■ 35.1633, 0.3473,
0.3495

■ 39.4102, 0.3285,
0.3388

■ 44.0552, 0.3124,
0.3288

Harmonies

Analogous

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



15.5773, 0.5337, 0.3193



15.5773, 0.5419, 0.3957



15.5773, 0.4797, 0.4796

Triad

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



15.5773, 0.5419, 0.3957



15.5773, 0.1821, 0.4184



15.5773, 0.2083, 0.1647

Complementary

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



15.5773, 0.5419, 0.3957



14.8966, 0.1926, 0.2052

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.



15.5773, 0.1470, 0.1628



15.5773, 0.5419, 0.3957



15.5773, 0.1317, 0.2780

Square

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



15.5773, 0.5419, 0.3957



15.5773, 0.2743, 0.5429



15.5773, 0.1225, 0.1953



15.5773, 0.3124, 0.1951

Rectangle

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



15.5773, 0.5419, 0.3957



15.5773, 0.4167, 0.5317



15.5773, 0.1225, 0.1953



15.5773, 0.1832, 0.1608

Sweetspot

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



15.5782, 0.5419, 0.3957



57.6293, 0.3635, 0.3579



10.9816, 0.4351, 0.2238



12.0139, 0.3711, 0.3616



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.



15.5782, 0.5419, 0.3957



24.7111, 0.5695, 0.3860



34.9131, 0.4330, 0.4877



9.0567, 0.3277, 0.3384



10.2762, 0.5647, 0.3898



0.4394, 0.5147, 0.4295

Inverse Universe

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



14.8966, 0.1926, 0.2052



23.2077, 0.1854, 0.1872



4.4436, 0.1587, 0.0805



9.0373, 0.2986, 0.3195



9.6907, 0.1865, 0.1913



0.4162, 0.1983, 0.2340

Previews

White Background



This preview shows how the Yxy color 15.5773, 0.5419, 0.3957 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 15.5773, 0.5419, 0.3957 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 15.5773, 0.5419, 0.3957

Background



This preview shows how black text looks on a background with the Yxy color 15.5773, 0.5419, 0.3957.



This preview shows how white text looks on a background with the Yxy color 15.5773, 0.5419, 0.3957.

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

15.5773, 0.5419, 0.3957

Protanopia

15.7242, 0.4281, 0.4750

Deuteranopia

15.6786, 0.4703, 0.4648



Tritanopia

15.5160, 0.4722, 0.3213

Trichromacy



Original Color

15.5773, 0.5419, 0.3957

Protanomaly

15.2049, 0.4719, 0.4449

Deuteranomaly

15.3370, 0.4982, 0.4378

Tritanomaly

15.3727, 0.5072, 0.3553

Monochromacy



Original Color

15.5773, 0.5419, 0.3957

Achromatopsia

13.8432, 0.3127, 0.3290

Achromatomaly

13.6721, 0.4031, 0.3737

CSS Examples

Text

The CSS property to change the color of the text to Yxy 15.5773, 0.5419, 0.3957 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, 83, 18)` looks like.

```
.text, #text, p{  
    color:rgb(177, 83, 18)  
}
```

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, 83, 18) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(177, 83, 18) }
```

Border

The CSS property to change the border of an element to Yxy 15.5773, 0.5419, 0.3957 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, 83, 18) }
```

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

```
.border{ border-color:rgb(177, 83, 18) }
```

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

Here you see how a box with a 4 pixel rgb(177, 83, 18) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(177, 83, 18); -webkit-box-  
shadow:4px 4px 4px 4px rgb(177, 83, 18);  
box-shadow:4px 4px 4px 4px rgb(177, 83,  
18) }
```


Background

The CSS property to change the background color of an element to Yxy 15.5773, 0.5419, 0.3957 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(177, 83, 18) }
```

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

```
.background{ background-color: rgb(177, 83,  
18) }
```

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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