

Converting Colors

$Y_{xy}(15.3386, 0.5528, 0.3943)$

Have a look what the booklet for
Yxy(15.3386, 0.5528, 0.3943)
contains.

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Color

Yxy(15.3386, 0.5528, 0.3943)

Conversions

Conversions Part 1

Format	Color
Hex	B35008
RGB	179, 80, 8
RGB Percent	70%, 31%, 3%
CMY	0.2980, 0.6863, 0.9685
CMYK	0.00, 0.55, 0.96, 0.30
HSL	25°, 91%, 37%
HSV	25°, 96%, 70%
XYZ	21.5044, 15.3386, 2.0579
YIQ	101.3930, 82.1160, -1.4040

Conversions

Conversions Part 2

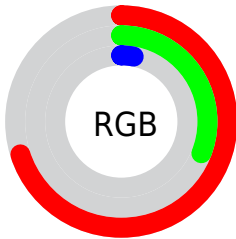
Format	Color
R_{YB}	179, 132, 8
Decimal	11751432
CIE _{Lab}	46.09, 37.02, 53.79
CIE _{LCh}	46, 65.296, 55.458
Yxy	15.3386, 0.5528, 0.3943
Android (android.graphics.Color)	4289941512 (0xFFB35008)
YUV	101.3930, -46.0427, 68.0613
Hunter-Lab	39.1645, 29.4725, 24.2998

Details

The Yxy color **15.3386, 0.5528, 0.3943** is a dark color, and the websafe version is hex **CC6633**. A complement of this color would be **13.8309, 0.1877, 0.1923**, and the grayscale version is **13.2280, 0.3127, 0.3290**.

A 20% lighter version of the original color is **35.2923, 0.5048, 0.3934**, and **4.8505, 0.6009, 0.3611** is the 20% darker color. If you saturate the color by 10%, you get **14.6639, 0.5633, 0.3909**, and if you desaturate by 10%, it is **17.0330, 0.5277, 0.4001**.

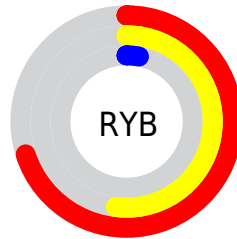
Distribution



Red (70%)

Green (31%)

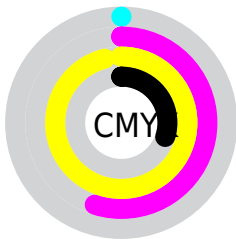
Blue (3%)



Red (70%)

Yellow (52%)

Blue (3%)

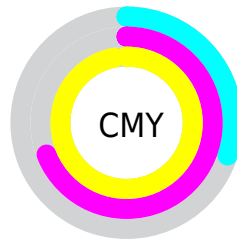


Cyan (0%)

Magenta (55%)

Yellow (96%)

Black (30%)



Cyan (30%)


Magenta (69%)

Yellow (97%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 15.3386, 0.5528, 0.3943 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 15.3386, 0.5528, 0.3943 by changing the saturation by 10% instead.


 15.3386, 0.5528,
0.3943


 15.3386, 0.5528,
0.3943


225.4066, 0.4201,
0.3749


 9.0574, 0.5851,
0.3895

 35.4461, 0.5043,
0.3936


 4.7786, 0.6239,
0.3761

 50.0412, 0.4858,
0.3911

 2.1180, 0.6594,
0.3406

 68.1763, 0.4702,
0.3882

 0.6747, 0.7228,
0.2772

 90.2358, 0.4570,
0.3853

 0.0000, 1.0000,
0.0000

 116.6043, 0.4457,
0.3824


 0.0000, 0.0000,
0.0000


 147.6660, 0.4360,


0.3797


 183.8053, 0.4275,
0.3772


 15.3386, 0.5528,
0.3943


 15.3386, 0.5528,
0.3943


 14.6639, 0.5633,
0.3909

 17.0330, 0.5277,
0.4001

 19.0205, 0.4985,
0.4006

 21.3197, 0.4676,
0.3964

 23.9461, 0.4371,
0.3888

 26.9141, 0.4084,
0.3789

■ 30.2368, 0.3822,
0.3679

■ 33.9267, 0.3591,
0.3565

■ 37.9955, 0.3388,
0.3453

■ 42.4544, 0.3213,
0.3346

Harmonies

Analogous

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



15.3386, 0.5458, 0.3160



15.3386, 0.5528, 0.3943



15.3386, 0.4858, 0.4826

Triad

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



15.3386, 0.5528, 0.3943



15.3386, 0.1753, 0.4254



15.3386, 0.2021, 0.1577

Complementary

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



15.3386, 0.5528, 0.3943



13.8309, 0.1877, 0.1923

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.



15.3386, 0.1396, 0.1557



15.3386, 0.5528, 0.3943



15.3386, 0.1238, 0.2747

Square

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



15.3386, 0.5528, 0.3943



15.3386, 0.2709, 0.5587



15.3386, 0.1147, 0.1887



15.3386, 0.3106, 0.1887

Rectangle

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



15.3386, 0.5528, 0.3943



15.3386, 0.4192, 0.5396



15.3386, 0.1147, 0.1887



15.3386, 0.1765, 0.1537

Sweetspot

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



15.3395, 0.5528, 0.3943



58.0476, 0.3679, 0.3611



10.8368, 0.4519, 0.2291



12.2493, 0.3779, 0.3659



91.1408, 0.3127, 0.3290



17.8868, 0.3127, 0.3290

Same Dimension

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



15.3395, 0.5528, 0.3943



25.8386, 0.5661, 0.3887



36.4257, 0.4328, 0.4919



9.0736, 0.3277, 0.3386



10.4844, 0.5613, 0.3925



0.4464, 0.5123, 0.4314

Inverse Universe

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



13.8309, 0.1877, 0.1923



22.9834, 0.1841, 0.1828



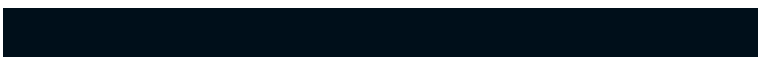
3.8915, 0.1540, 0.0703



9.0201, 0.2986, 0.3192



9.3782, 0.1853, 0.1871



0.4075, 0.1975, 0.2309

Previews

White Background



This preview shows how the Yxy color 15.3386, 0.5528, 0.3943 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 15.3386, 0.5528, 0.3943 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

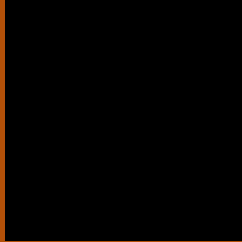
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

Yxy 15.3386, 0.5528, 0.3943

Background



This preview shows how black text looks on a background with the Yxy color 15.3386, 0.5528, 0.3943.



This preview shows how white text looks on a background with the Yxy color 15.3386, 0.5528, 0.3943.

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

15.3386, 0.5528, 0.3943

Protanopia

15.4840, 0.4329, 0.4785

Deuteranopia

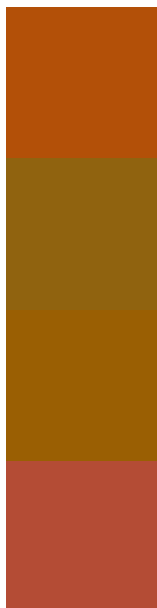
15.3896, 0.4707, 0.4644



Tritanopia

15.2858, 0.4841, 0.3229

Trichromacy



Original Color

15.3386, 0.5528, 0.3943

Protanomaly

14.8875, 0.4803, 0.4455

Deuteranomaly

15.0610, 0.5043, 0.4357

Tritanomaly

15.1292, 0.5212, 0.3576

Monochromacy



Original Color

15.3386, 0.5528, 0.3943

Achromatopsia

13.0136, 0.3127, 0.3290

Achromatomaly

12.9011, 0.4119, 0.3801

CSS Examples

Text

The CSS property to change the color of the text to Yxy 15.3386, 0.5528, 0.3943 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(179, 80, 8)` looks like.

```
.text, #text, p{  
    color:rgb(179, 80, 8)  
}
```

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(179, 80, 8) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(179, 80, 8) }
```

Border

The CSS property to change the border of an element to Yxy 15.3386, 0.5528, 0.3943 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(179, 80, 8) }
```

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

```
.border{ border-color:rgb(179, 80, 8) }
```

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

Here you see how a box with a 4 pixel rgb(179, 80, 8) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(179, 80, 8); -webkit-box-  
shadow:4px 4px 4px 4px rgb(179, 80, 8);  
box-shadow:4px 4px 4px 4px rgb(179, 80, 8)  
}
```


Background

The CSS property to change the background color of an element to Yxy 15.3386, 0.5528, 0.3943 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(179, 80, 8) }
```

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

```
.background{ background-color: rgb(179, 80,  
8) }
```

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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