

Converting Colors

$Y_{xy}(11.9367, 0.5717, 0.3683)$

Have a look what the booklet for
Yxy(11.9367, 0.5717, 0.3683)
contains.

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Color

Yxy(11.9367, 0.5717, 0.3683)

Conversions

Conversions Part 1

Format	Color
Hex	AB3C13
RGB	171, 60, 19
RGB Percent	67%, 24%, 7%
CMY	0.3294, 0.7647, 0.9254
CMYK	0.00, 0.65, 0.89, 0.33
HSL	16°, 80%, 37%
HSV	16°, 89%, 67%
XYZ	18.5289, 11.9367, 1.9446
YIQ	88.5150, 79.3170, 10.7810

Conversions

Conversions Part 2

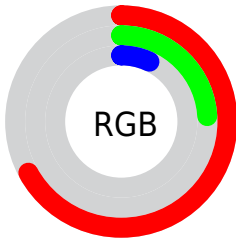
Format	Color
RYB	171, 75, 19
Decimal	11222035
CIELab	41.12, 43.73, 46.20
CIElCh	41, 63.612, 46.571
Yxy	11.9367, 0.5717, 0.3683
Android (android.graphics.Color)	4289412115 (0xFFAB3C13)
YUV	88.5150, -34.2709, 72.3393
Hunter-Lab	34.5495, 35.2681, 20.8475

Details

The Yxy color **11.9367, 0.5717, 0.3683** is a dark color, and the websafe version is hex **993300**. A complement of this color would be **19.0520, 0.2052, 0.2505**, and the grayscale version is **9.9423, 0.3127, 0.3290**.

A 20% lighter version of the original color is **29.3172, 0.5144, 0.3731**, and **3.3795, 0.6401, 0.3300** is the 20% darker color. If you saturate the color by 10%, you get **10.7368, 0.5994, 0.3607**, and if you desaturate by 10%, it is **13.4851, 0.5376, 0.3725**.

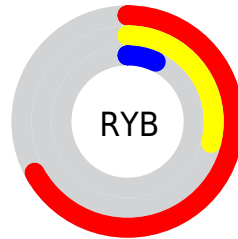
Distribution



Red (67%)

Green (24%)

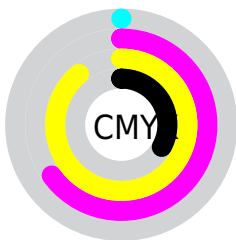
Blue (7%)



Red (67%)

Yellow (29%)

Blue (7%)

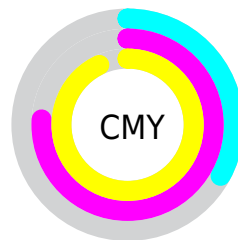


Cyan (0%)

Magenta (65%)

Yellow (89%)

Black (33%)



Cyan (33%)


Magenta (76%)

Yellow (93%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 11.9367, 0.5717, 0.3683 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 11.9367, 0.5717, 0.3683 by changing the saturation by 10% instead.


 11.9367, 0.5717,
0.3683


 11.9367, 0.5717,
0.3683


203.9858, 0.4212,
0.3628


 6.7006, 0.6129,
0.3592


 29.3798, 0.5139,
0.3732

 3.2756, 0.6624,
0.3376

 42.3555, 0.4928,
0.3725

 1.2772, 0.7115,
0.2885

 58.6799, 0.4753,
0.3712

 0.1235, 0.9090,
0.0910

 78.7374, 0.4608,
0.3695


 0.0000, 1.0000,
0.0000


 102.9123, 0.4485,
0.3678

 0.0000, 0.0000,
0.0000


 131.5891, 0.4380,


0.3660


 165.1521, 0.4290,
0.3644


 11.9367, 0.5717,
0.3683


 11.9367, 0.5717,
0.3683

 10.7368, 0.5994,
0.3607

 13.4851, 0.5376,
0.3725

 10.6206, 0.6024,
0.3599

 15.4116, 0.5000,
0.3724

 17.7415, 0.4624,
0.3691

 20.4970, 0.4274,
0.3634

 23.6987, 0.3963,
0.3566

■ 27.3658, 0.3694,
0.3493

■ 31.5162, 0.3465,
0.3419

■ 36.1670, 0.3272,
0.3349

■ 41.3344, 0.3110,
0.3283

Harmonies

Analogous

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



11.9367, 0.5371, 0.2909



11.9367, 0.5717, 0.3683



11.9367, 0.5181, 0.4577

Triad

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



11.9367, 0.5717, 0.3683



11.9367, 0.1929, 0.4837



11.9367, 0.1731, 0.1471

Complementary

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



11.9367, 0.5717, 0.3683



19.0520, 0.2052, 0.2505

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.



11.9367, 0.1216, 0.1541



11.9367, 0.5717, 0.3683



11.9367, 0.1260, 0.3112

Square

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



11.9367, 0.5717, 0.3683



11.9367, 0.3003, 0.5894



11.9367, 0.1061, 0.2008



11.9367, 0.2712, 0.1703

Rectangle

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



11.9367, 0.5717, 0.3683



11.9367, 0.4539, 0.5225



11.9367, 0.1061, 0.2008



11.9367, 0.1513, 0.1459

Sweetspot

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



11.9374, 0.5717, 0.3683



49.9935, 0.3659, 0.3482



10.7496, 0.3899, 0.1987



10.6356, 0.3742, 0.3507



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.



11.9374, 0.5717, 0.3683



18.7182, 0.6053, 0.3576



26.1852, 0.4568, 0.4663



8.3536, 0.3280, 0.3352



8.0827, 0.6007, 0.3613



0.3159, 0.5417, 0.4081

Inverse Universe

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



19.0520, 0.2052, 0.2505



31.1191, 0.1994, 0.2378



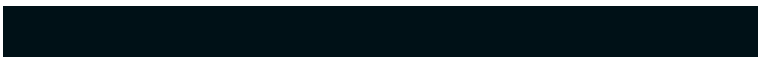
5.7631, 0.1663, 0.1069



8.7013, 0.2986, 0.3227



13.3439, 0.2001, 0.2405



0.4552, 0.2085, 0.2704

Previews

White Background



This preview shows how the Yxy color 11.9367, 0.5717, 0.3683 looks on a white background.

Color Contrast Check

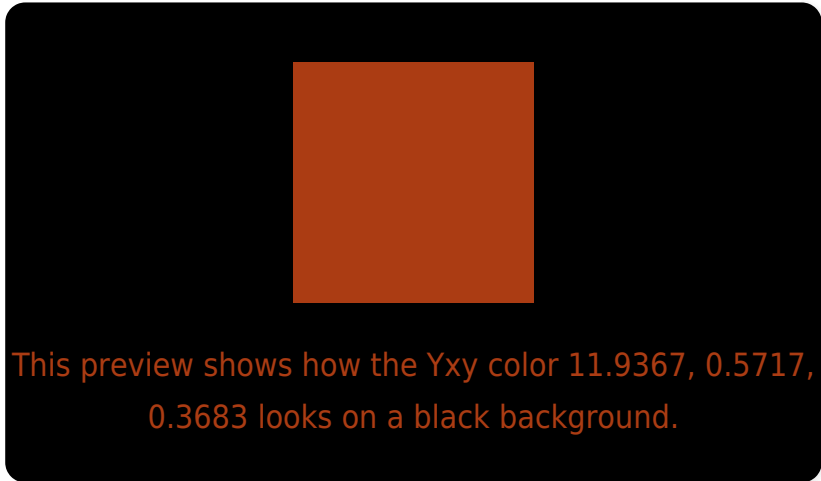
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

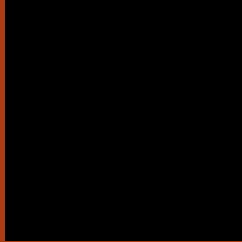
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

Yxy 11.9367, 0.5717, 0.3683

Background



This preview shows how black text looks on a background with the Yxy color 11.9367, 0.5717, 0.3683.



This preview shows how white text looks on a background with the Yxy color 11.9367, 0.5717, 0.3683.

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

11.9367, 0.5717, 0.3683

Protanopia

12.1391, 0.4225, 0.4654

Deuteranopia

12.1138, 0.4696, 0.4653



Tritanopia

11.9148, 0.5257, 0.3259

Trichromacy



Original Color

11.9367, 0.5717, 0.3683

Protanomaly

11.3164, 0.4834, 0.4254

Deuteranomaly

11.5629, 0.5130, 0.4247

Tritanomaly

11.8788, 0.5489, 0.3444

Monochromacy



Original Color

11.9367, 0.5717, 0.3683

Achromatopsia

9.9899, 0.3127, 0.3290

Achromatomaly

9.7409, 0.4149, 0.3590

CSS Examples

Text

The CSS property to change the color of the text to Yxy 11.9367, 0.5717, 0.3683 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(171, 60, 19)` looks like.

```
.text, #text, p{  
    color:rgb(171, 60, 19)  
}
```

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(171, 60, 19) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(171, 60, 19) }
```

Border

The CSS property to change the border of an element to Yxy 11.9367, 0.5717, 0.3683 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(171, 60, 19) }
```

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

```
.border{ border-color:rgb(171, 60, 19) }
```

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

Here you see how a box with a 4 pixel rgb(171, 60, 19) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(171, 60, 19); -webkit-box-  
shadow:4px 4px 4px 4px rgb(171, 60, 19);  
box-shadow:4px 4px 4px 4px rgb(171, 60,  
19) }
```


Background

The CSS property to change the background color of an element to Yxy 11.9367, 0.5717, 0.3683 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(171, 60, 19) }
```

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

```
.background{ background-color: rgb(171, 60,  
19) }
```

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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