

Converting Colors

$Y_{xy}(13.2251, 0.5469, 0.3911)$

Have a look what the booklet for
Yxy(13.2251, 0.5469, 0.3911)
contains.

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Color

Yxy(13.2881, 0.5464, 0.3913)

Conversions

Conversions Part 1

Format	Color
Hex	A74B11
RGB	167, 75, 17
RGB Percent	65%, 29%, 7%
CMY	0.3451, 0.7059, 0.9335
CMYK	0.00, 0.55, 0.90, 0.35
HSL	23°, 82%, 36%
HSV	23°, 90%, 65%
XYZ	18.5551, 13.2881, 2.1156
YIQ	95.8960, 73.4500, 1.4660

Conversions

Conversions Part 2

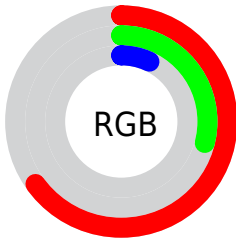
Format	Color
RYB	167, 112, 17
Decimal	10963729
CIELab	43.19, 34.91, 48.29
CIElCh	43, 59.586, 54.139
Yxy	13.2881, 0.5464, 0.3913
Android (android.graphics.Color)	4289153809 (0xFFA74B11)
YUV	95.8960, -38.8957, 62.3582
Hunter-Lab	36.4528, 27.0671, 22.0759

Details

The Yxy color **13.2881, 0.5464, 0.3913** is a dark color, and the websafe version is hex **993300**. A complement of this color would be **13.8416, 0.1947, 0.2127**, and the grayscale version is **11.7527, 0.3127, 0.3290**.

A 20% lighter version of the original color is **31.8209, 0.4959, 0.3899**, and **3.8834, 0.6037, 0.3589** is the 20% darker color. If you saturate the color by 10%, you get **11.9699, 0.5717, 0.3841**, and if you desaturate by 10%, it is **14.8649, 0.5172, 0.3945**.

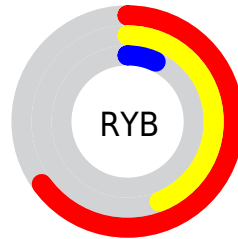
Distribution



Red (65%)

Green (29%)

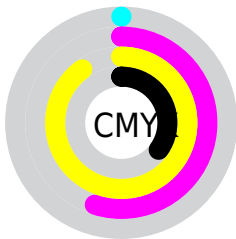
Blue (7%)



Red (65%)

Yellow (44%)

Blue (7%)

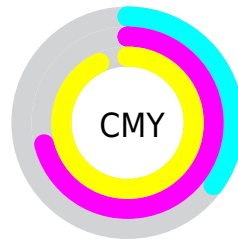


Cyan (0%)

Magenta (55%)

Yellow (90%)

Black (35%)



Cyan (35%)


Magenta (71%)

Yellow (93%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 13.2881, 0.5464, 0.3913 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 13.2881, 0.5464, 0.3913 by changing the saturation by 10% instead.


 13.2881, 0.5464,
0.3913


 13.2881, 0.5464,
0.3913


212.7559, 0.4129,
0.3707


 7.6272, 0.5812,
0.3871


 31.8204, 0.4959,
0.3896


 3.8574, 0.6254,
0.3746

 45.4606, 0.4772,
0.3868


 1.5941, 0.6646,
0.3354

 62.5294, 0.4617,
0.3838

 0.3536, 0.7778,
0.2222

 83.4112, 0.4487,
0.3809

 0.0000, 1.0000,
0.0000


 108.4903, 0.4377,
0.3780

 0.0000, 0.0000,
0.0000


 138.1512, 0.4282,


0.3754


 172.7783, 0.4200,
0.3730


 13.2881, 0.5464,
0.3913


 13.2881, 0.5464,
0.3913


 11.9699, 0.5717,
0.3841


 14.8649, 0.5172,
0.3945

 11.9509, 0.5721,
0.3840

 16.7214, 0.4852,
0.3927

 18.8736, 0.4529,
0.3871

 21.3356, 0.4221,
0.3789

 24.1202, 0.3941,
0.3691

■ 27.2395, 0.3691,
0.3587

■ 30.7050, 0.3474,
0.3484

■ 34.5275, 0.3286,
0.3383

■ 38.7172, 0.3125,
0.3289

Harmonies

Analogous

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



13.2881, 0.5341, 0.3147



13.2881, 0.5464, 0.3913



13.2881, 0.4857, 0.4761

Triad

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



13.2881, 0.5464, 0.3913



13.2881, 0.1841, 0.4282



13.2881, 0.2025, 0.1621

Complementary

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



13.2881, 0.5464, 0.3913



13.8416, 0.1947, 0.2127

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.



13.2881, 0.1429, 0.1617



13.2881, 0.5464, 0.3913



13.2881, 0.1311, 0.2831

Square

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



13.2881, 0.5464, 0.3913



13.2881, 0.2788, 0.5505



13.2881, 0.1200, 0.1964



13.2881, 0.3057, 0.1912

Rectangle

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



13.2881, 0.5464, 0.3913



13.2881, 0.4226, 0.5303



13.2881, 0.1200, 0.1964



13.2881, 0.1780, 0.1586

Sweetspot

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



13.2888, 0.5464, 0.3913



50.1817, 0.3637, 0.3563



9.7312, 0.4287, 0.2204



10.7959, 0.3713, 0.3597



84.8088, 0.3127, 0.3290



15.4872, 0.3127, 0.3290

Same Dimension

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



13.2888, 0.5464, 0.3913



21.0281, 0.5751, 0.3815



29.9121, 0.4357, 0.4851



8.0003, 0.3276, 0.3378



9.2330, 0.5704, 0.3853



0.3242, 0.5105, 0.4329

Inverse Universe

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



13.8416, 0.1947, 0.2127



21.7492, 0.1877, 0.1956



4.0803, 0.1596, 0.0836



8.0374, 0.2987, 0.3201



9.5653, 0.1887, 0.1994



0.3274, 0.2020, 0.2472

Previews

White Background



This preview shows how the Yxy color 13.2881, 0.5464, 0.3913 looks on a white background.

Color Contrast Check

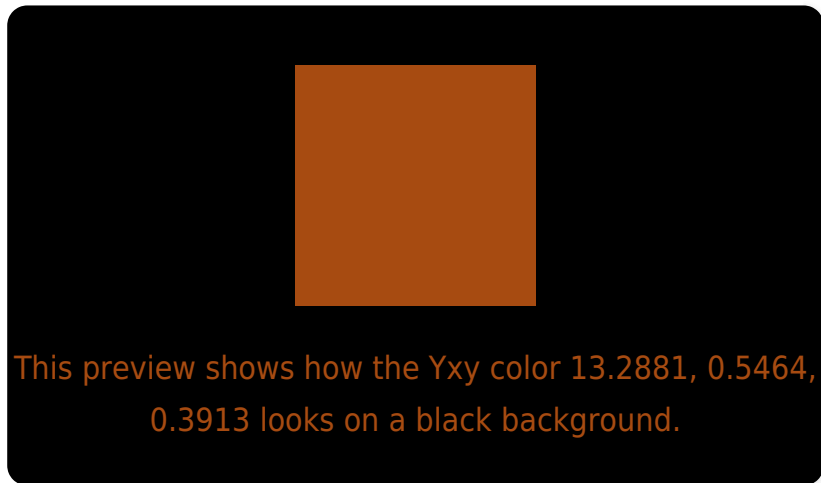
Large Text (above 18pt) WCAG AA ✓ Pass

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 13.2881, 0.5464, 0.3913

Background



This preview shows how black text looks on a background with the Yxy color 13.2881, 0.5464, 0.3913.



This preview shows how white text looks on a background with the Yxy color 13.2881, 0.5464, 0.3913.

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

13.2881, 0.5464, 0.3913

Protanopia

13.4794, 0.4284, 0.4726

Deuteranopia

13.2952, 0.4708, 0.4644



Tritanopia

13.3233, 0.4796, 0.3224

Trichromacy



Original Color

13.2881, 0.5464, 0.3913

Protanomaly

13.0337, 0.4750, 0.4409

Deuteranomaly

12.9975, 0.5007, 0.4358

Tritanomaly

13.2259, 0.5116, 0.3537

Monochromacy



Original Color

13.2881, 0.5464, 0.3913

Achromatopsia

11.6971, 0.3127, 0.3290

Achromatomaly

11.5223, 0.4051, 0.3726

CSS Examples

Text

The CSS property to change the color of the text to Yxy 13.2881, 0.5464, 0.3913 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(167, 75, 17)` looks like.

```
.text, #text, p{  
    color:rgb(167, 75, 17)  
}
```

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(167, 75, 17) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(167, 75, 17) }
```

Border

The CSS property to change the border of an element to Yxy 13.2881, 0.5464, 0.3913 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(167, 75, 17) }
```

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

```
.border{ border-color:rgb(167, 75, 17) }
```

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

Here you see how a box with a 4 pixel rgb(167, 75, 17) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(167, 75, 17); -webkit-box-  
shadow:4px 4px 4px 4px rgb(167, 75, 17);  
box-shadow:4px 4px 4px 4px rgb(167, 75,  
17) }
```


Background

The CSS property to change the background color of an element to Yxy 13.2881, 0.5464, 0.3913 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(167, 75, 17) }
```

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

```
.background{ background-color: rgb(167, 75,  
17) }
```

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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