

Converting Colors

$Y_{xy}(11.2487, 0.5435, 0.3927)$

Have a look what the booklet for
Yxy(11.2487, 0.5435, 0.3927)
contains.

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Color

Yxy(11.2878, 0.5431, 0.3927)

Conversions

Conversions Part 1

Format	Color
Hex	9A4610
RGB	154, 70, 16
RGB Percent	60%, 27%, 6%
CMY	0.3961, 0.7255, 0.9373
CMYK	0.00, 0.55, 0.90, 0.40
HSL	23°, 81%, 33%
HSV	23°, 90%, 60%
XYZ	15.6109, 11.2878, 1.8454
YIQ	88.9600, 67.3980, 1.0140

Conversions

Conversions Part 2

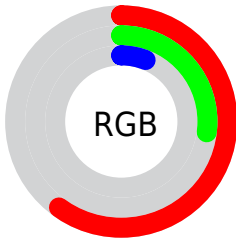
Format	Color
RYB	154, 105, 16
Decimal	10110480
CIELab	40.06, 32.18, 45.28
CIElCh	40, 55.552, 54.602
Yxy	11.2878, 0.5431, 0.3927
Android (android.graphics.Color)	4288300560 (0xFF9A4610)
YUV	88.9600, -35.9693, 57.0401
Hunter-Lab	33.5973, 24.1443, 20.2616

Details

The Yxy color **11.2878, 0.5431, 0.3927** is a dark color, and the websafe version is hex **993300**. A complement of this color would be **11.5549, 0.1949, 0.2124**, and the grayscale version is **10.0506, 0.3127, 0.3290**.

A 20% lighter version of the original color is **28.1107, 0.4912, 0.3900**, and **3.0231, 0.6040, 0.3586** is the 20% darker color. If you saturate the color by 10%, you get **10.1698, 0.5687, 0.3861**, and if you desaturate by 10%, it is **12.6177, 0.5140, 0.3954**.

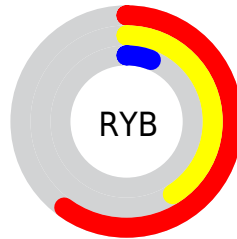
Distribution



Red (60%)

Green (27%)

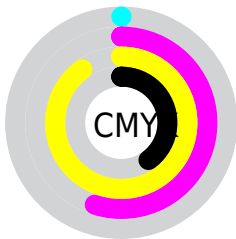
Blue (6%)



Red (60%)

Yellow (41%)

Blue (6%)

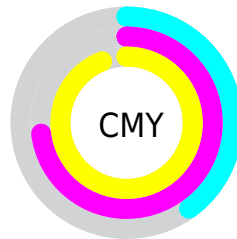


Cyan (0%)

Magenta (55%)

Yellow (90%)

Black (40%)



Cyan (40%)


Magenta (73%)

Yellow (94%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 11.2878, 0.5431, 0.3927 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 11.2878, 0.5431, 0.3927 by changing the saturation by 10% instead.


 11.2878, 0.5431,
0.3927


 11.2878, 0.5431,
0.3927


199.6315, 0.4081,
0.3697


 6.2608, 0.5816,
0.3899


 28.1911, 0.4909,
0.3900

 3.0043, 0.6257,
0.3743

 40.8362, 0.4719,
0.3868


 1.1340, 0.6693,
0.3307

 56.7895, 0.4563,
0.3835

 0.0068, 0.9915,
0.0085


 76.4352, 0.4433,
0.3803

 0.0000, 0.0000,
0.0000


 100.1579, 0.4324,
0.3773


 128.3419, 0.4231,

0.3746


 161.3717, 0.4151,
0.3720

 11.2878, 0.5431,
0.3927


 11.2878, 0.5431,
0.3927


 10.1698, 0.5687,
0.3861


 12.6177, 0.5140,
0.3954

 10.1312, 0.5697,
0.3859

 14.1769, 0.4823,
0.3932

 15.9784, 0.4505,
0.3874

 18.0333, 0.4202,
0.3790

 20.3522, 0.3926,
0.3691

■ 22.9446, 0.3681,
0.3587

■ 25.8199, 0.3466,
0.3482

■ 28.9867, 0.3281,
0.3382

■ 32.4532, 0.3122,
0.3287

Harmonies

Analogous

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



11.2878, 0.5317, 0.3165



11.2878, 0.5431, 0.3927



11.2878, 0.4829, 0.4765

Triad

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



11.2878, 0.5431, 0.3927



11.2878, 0.1849, 0.4242



11.2878, 0.2052, 0.1641

Complementary

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



11.2878, 0.5431, 0.3927



11.5549, 0.1949, 0.2124

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.



11.2878, 0.1454, 0.1634



11.2878, 0.5431, 0.3927



11.2878, 0.1328, 0.2823

Square

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



11.2878, 0.5431, 0.3927



11.2878, 0.2782, 0.5455



11.2878, 0.1222, 0.1973



11.2878, 0.3078, 0.1934

Rectangle

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



11.2878, 0.5431, 0.3927



11.2878, 0.4205, 0.5292



11.2878, 0.1222, 0.1973



11.2878, 0.1807, 0.1605

Sweetspot

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



11.2884, 0.5431, 0.3927



42.7217, 0.3633, 0.3565



8.1821, 0.4273, 0.2204



9.3139, 0.3705, 0.3598



78.7412, 0.3127, 0.3290



13.2868, 0.3127, 0.3290

Same Dimension

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



11.2884, 0.5431, 0.3927



18.0494, 0.5731, 0.3832



25.0571, 0.4352, 0.4847



6.5995, 0.3274, 0.3378



8.3192, 0.5683, 0.3870



0.1920, 0.4986, 0.4423

Inverse Universe

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



11.5549, 0.1949, 0.2124



18.3067, 0.1874, 0.1946



3.4808, 0.1603, 0.0850



6.6204, 0.2989, 0.3201



8.4545, 0.1885, 0.1985



0.1969, 0.2058, 0.2610

Previews

White Background



This preview shows how the Yxy color 11.2878, 0.5431, 0.3927 looks on a white background.

Color Contrast Check

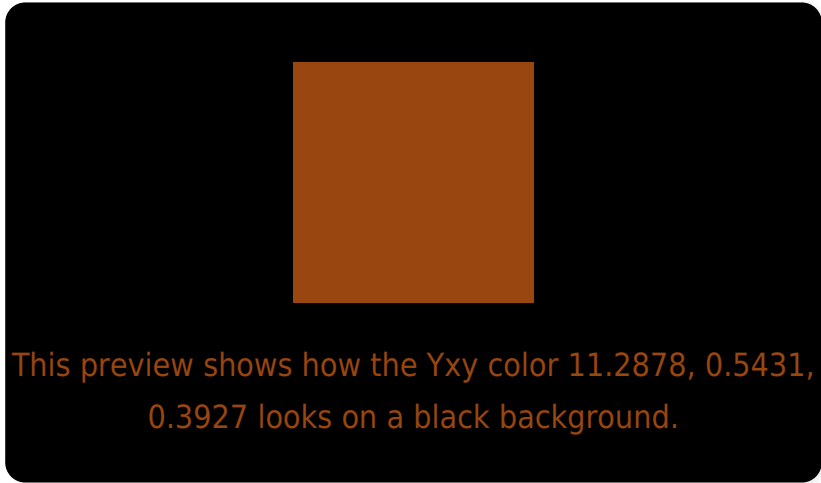
Large Text (above 18pt) WCAG AA ✓ Pass

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 11.2878, 0.5431, 0.3927

Background



This preview shows how black text looks on a background with the Yxy color 11.2878, 0.5431, 0.3927.



This preview shows how white text looks on a background with the Yxy color 11.2878, 0.5431, 0.3927.

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

11.2878, 0.5431, 0.3927

Protanopia

11.3721, 0.4270, 0.4710

Deuteranopia

11.3054, 0.4694, 0.4655



Tritanopia

11.2907, 0.4761, 0.3218

Trichromacy



Original Color

11.2878, 0.5431, 0.3927

Protanomaly

10.9912, 0.4721, 0.4410

Deuteranomaly

11.1052, 0.4978, 0.4373

Tritanomaly

11.2132, 0.5088, 0.3543

Monochromacy



Original Color

11.2878, 0.5431, 0.3927

Achromatopsia

9.9899, 0.3127, 0.3290

Achromatomaly

9.8931, 0.4038, 0.3734

CSS Examples

Text

The CSS property to change the color of the text to Yxy 11.2878, 0.5431, 0.3927 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(154, 70, 16)` looks like.

```
.text, #text, p{  
    color:rgb(154, 70, 16)  
}
```

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(154, 70, 16) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(154, 70, 16) }
```

Border

The CSS property to change the border of an element to Yxy 11.2878, 0.5431, 0.3927 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(154, 70, 16) }
```

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

```
.border{ border-color:rgb(154, 70, 16) }
```

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

Here you see how a box with a 4 pixel rgb(154, 70, 16) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(154, 70, 16); -webkit-box-  
shadow:4px 4px 4px 4px rgb(154, 70, 16);  
box-shadow:4px 4px 4px 4px rgb(154, 70,  
16) }
```


Background

The CSS property to change the background color of an element to Yxy 11.2878, 0.5431, 0.3927 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(154, 70, 16) }
```

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

```
.background{ background-color: rgb(154, 70,  
16) }
```

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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