

Converting Colors

$Y_{xy}(11.1978, 0.4616, 0.3605)$

Have a look what the booklet for
Yxy(11.1978, 0.4616, 0.3605)
contains.

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Color

Yxy(11.2862, 0.4614, 0.3609)

Conversions

Conversions Part 1

Format	Color
Hex	8D4D3B
RGB	141, 77, 59
RGB Percent	55%, 30%, 23%
CMY	0.4470, 0.6980, 0.7686
CMYK	0.00, 0.45, 0.58, 0.45
HSL	13°, 41%, 39%
HSV	13°, 58%, 55%
XYZ	14.4291, 11.2862, 5.5571
YIQ	94.0840, 43.9220, 7.9700

Conversions

Conversions Part 2

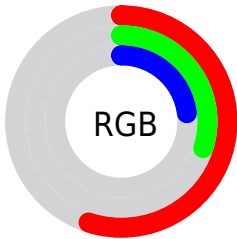
Format	Color
RYB	141, 82, 59
Decimal	9260347
CIELab	40.06, 25.10, 22.47
CIElCh	40, 33.684, 41.832
Yxy	11.2862, 0.4614, 0.3609
Android (android.graphics.Color)	4287450427 (0xFF8D4D3B)
YUV	94.0840, -17.2964, 41.1453
Hunter-Lab	33.5949, 17.8749, 13.7090

Details

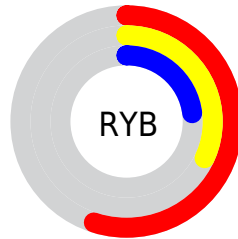
The Yxy color **11.2862, 0.4614, 0.3609** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **17.0248, 0.2342, 0.2911**, and the grayscale version is **11.2487, 0.3127, 0.3290**.

A 20% lighter version of the original color is **28.2460, 0.4225, 0.3559**, and **3.0436, 0.5375, 0.3624** is the 20% darker color. If you saturate the color by 10%, you get **9.7475, 0.5002, 0.3637**, and if you desaturate by 10%, it is **13.1263, 0.4257, 0.3563**.

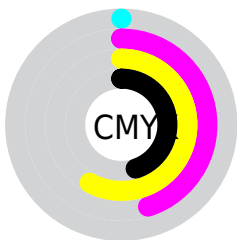
Distribution



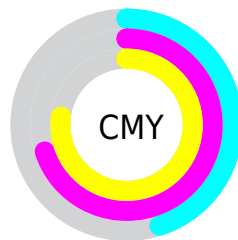
- Red (55%)
- Green (30%)
- Blue (23%)



- Red (55%)
- Yellow (32%)
- Blue (23%)



- Cyan (0%)
- Magenta (45%)
- Yellow (58%)
- Black (45%)





- Cyan (45%)
- Magenta (70%)
- Yellow (77%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 11.2862, 0.4614, 0.3609 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 11.2862, 0.4614, 0.3609 by changing the saturation by 10% instead.


 11.2862, 0.4614,
0.3609


 11.2862, 0.4614,
0.3609


199.6207, 0.3696,
0.3459


 6.2597, 0.4922,
0.3623


 28.1882, 0.4227,
0.3564


 3.0036, 0.5374,
0.3608

 40.8325, 0.4099,
0.3543


 1.1336, 0.6351,
0.3649

 56.7848, 0.3997,
0.3525

 0.0065, 0.9897,
0.0103

 76.4295, 0.3914,
0.3508

 0.0000, 0.0000,
0.0000

 100.1511, 0.3846,
0.3493

 128.3339, 0.3788,

0.3480

161.3623, 0.3739,
0.3469

■ 11.2862, 0.4614,
0.3609

■ 11.2862, 0.4614,
0.3609

■ 9.7475, 0.5002,
0.3637

■ 13.1263, 0.4257,
0.3563

■ 8.4921, 0.5395,
0.3637

■ 15.2813, 0.3943,
0.3508

■ 7.5025, 0.5756,
0.3603

■ 17.7656, 0.3674,
0.3448

■ 6.7550, 0.6053,
0.3543

■ 20.5926, 0.3448,
0.3390

■ 6.6398, 0.6106,
0.3534

■ 23.7746, 0.3258,
0.3333

■ 27.3236, 0.3100,
0.3281

■ 31.2507, 0.2968,
0.3232

■ 35.5669, 0.2857,
0.3188

■ 40.2824, 0.2764,
0.3148

Harmonies

Analogous

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



11.2862, 0.4270, 0.3061



11.2862, 0.4614, 0.3609



11.2862, 0.4489, 0.4157

Triad

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



11.2862, 0.4614, 0.3609



11.2862, 0.2595, 0.4181



11.2862, 0.2219, 0.2146

Complementary

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



11.2862, 0.4614, 0.3609



17.0248, 0.2342, 0.2911

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.



11.2862, 0.1891, 0.2273



11.2862, 0.4614, 0.3609



11.2862, 0.2074, 0.3388

Square

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



11.2862, 0.4614, 0.3609



11.2862, 0.3297, 0.4649



11.2862, 0.1838, 0.2687



11.2862, 0.2809, 0.2264

Rectangle

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



11.2862, 0.4614, 0.3609



11.2862, 0.4188, 0.4466



11.2862, 0.1838, 0.2687



11.2862, 0.2079, 0.2159

Sweetspot

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



11.2868, 0.4614, 0.3609



37.2977, 0.3431, 0.3385



10.2287, 0.3485, 0.2209



8.1253, 0.3467, 0.3395



71.0566, 0.3127, 0.3290



10.6539, 0.3127, 0.3290

Same Dimension

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



11.2868, 0.4614, 0.3609



16.6457, 0.5135, 0.3641



18.8835, 0.4149, 0.4298



5.6040, 0.3276, 0.3339



6.0741, 0.6100, 0.3538



0.0858, 0.5419, 0.4079

Inverse Universe

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



17.0248, 0.2342, 0.2911



27.8374, 0.2217, 0.2807



8.9249, 0.2145, 0.1984



5.9184, 0.2990, 0.3241



11.9597, 0.2052, 0.2587



0.1464, 0.2154, 0.2955

Previews

White Background



This preview shows how the Yxy color 11.2862, 0.4614, 0.3609 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 11.2862, 0.4614, 0.3609 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 11.2862, 0.4614, 0.3609

Background



This preview shows how black text looks on a background with the Yxy color 11.2862, 0.4614, 0.3609.



This preview shows how white text looks on a background with the Yxy color 11.2862, 0.4614, 0.3609.

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

11.2862, 0.4614, 0.3609

Protanopia

11.4613, 0.3687, 0.3961

Deuteranopia

11.4125, 0.4076, 0.4036



Tritanopia

11.2275, 0.4271, 0.3186

Trichromacy



Original Color

11.2862, 0.4614, 0.3609

Protanomaly

11.1202, 0.4032, 0.3825

Deuteranomaly

11.2361, 0.4268, 0.3874

Tritanomaly

11.2508, 0.4415, 0.3347

Monochromacy



Original Color

11.2862, 0.4614, 0.3609

Achromatopsia

11.1932, 0.3127, 0.3290

Achromatomaly

10.9530, 0.3629, 0.3447

CSS Examples

Text

The CSS property to change the color of the text to Yxy 11.2862, 0.4614, 0.3609 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(141, 77, 59)` looks like.

```
.text, #text, p{  
    color:rgb(141, 77, 59)  
}
```

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(141, 77, 59) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(141, 77, 59) }
```

Border

The CSS property to change the border of an element to Yxy 11.2862, 0.4614, 0.3609 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(141, 77, 59) }
```

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

```
.border{ border-color:rgb(141, 77, 59) }
```

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

Here you see how a box with a 4 pixel rgb(141, 77, 59) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(141, 77, 59); -webkit-box-  
shadow:4px 4px 4px 4px rgb(141, 77, 59);  
box-shadow:4px 4px 4px 4px rgb(141, 77,  
59) }
```


Background

The CSS property to change the background color of an element to Yxy 11.2862, 0.4614, 0.3609 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(141, 77, 59) }
```

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

```
.background{ background-color: rgb(141, 77,  
59) }
```

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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