

Converting Colors

$Y_{xy}(11.5994, 0.4655, 0.2878)$

Have a look what the booklet for
Yxy(11.5994, 0.4655, 0.2878)
contains.

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Color

Yxy(11.5912, 0.4670, 0.2882)

Conversions

Conversions Part 1

Format	Color
Hex	A63855
RGB	166, 56, 85
RGB Percent	65%, 22%, 33%
CMY	0.3490, 0.7804, 0.6666
CMYK	0.00, 0.66, 0.49, 0.35
HSL	344°, 50%, 44%
HSV	344°, 66%, 65%
XYZ	18.7824, 11.5912, 9.8457
YIQ	92.1960, 56.2510, 32.3390

Conversions

Conversions Part 2

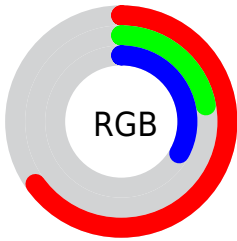
Format	Color
R_{YB}	166, 56, 85
Decimal	10893397
CIE _{Lab}	40.56, 47.44, 7.75
CIE _{LCh}	41, 48.073, 9.273
Yxy	11.5912, 0.4670, 0.2882
Android (android.graphics.Color)	4289083477 (0xFFA63855)
YUV	92.1960, -3.5476, 64.7261
Hunter-Lab	34.0459, 38.8946, 6.6861

Details

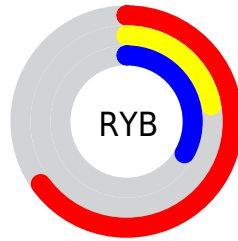
The Yxy color **11.5912, 0.4670, 0.2882** is a dark color, and the websafe version is hex **993366**. A complement of this color would be **29.9232, 0.2533, 0.3831**, and the grayscale version is **10.7482, 0.3127, 0.3290**.

A 20% lighter version of the original color is **28.6661, 0.4278, 0.3004**, and **3.4044, 0.5392, 0.2744** is the 20% darker color. If you saturate the color by 10%, you get **10.0634, 0.5046, 0.2875**, and if you desaturate by 10%, it is **13.6873, 0.4320, 0.2919**.

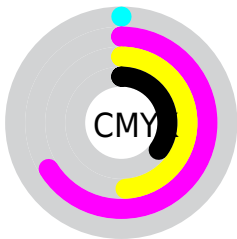
Distribution



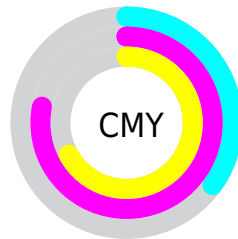
- Red (65%)
- Green (22%)
- Blue (33%)



- Red (65%)
- Yellow (22%)
- Blue (33%)



- Cyan (0%)
- Magenta (66%)
- Yellow (49%)
- Black (35%)




- Cyan (35%)
- Magenta (78%)
- Yellow (67%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 11.5912, 0.4670, 0.2882 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 11.5912, 0.4670, 0.2882 by changing the saturation by 10% instead.


 11.5912, 0.4670,
0.2882


 11.5912, 0.4670,
0.2882


201.6798, 0.3723,
0.3152

 6.4660, 0.4991,
0.2778


 28.7483, 0.4270,
0.3003


 3.1304, 0.5469,
0.2612

 41.5490, 0.4138,
0.3040

 1.2002, 0.6257,
0.2326

 57.6770, 0.4033,
0.3070

 0.0619, 0.9537,
0.0463

 77.5166, 0.3948,
0.3093

 0.0000, 1.0000,
0.0000

 101.4524, 0.3877,
0.3112

 0.0000, 0.0000,
0.0000

 129.8685, 0.3817,

0.3127

163.1495, 0.3767,
0.3141

■ 11.5912, 0.4670,
0.2882

■ 11.5912, 0.4670,
0.2882

■ 10.0634, 0.5046,
0.2875

■ 13.6873, 0.4320,
0.2919

■ 9.0451, 0.5418,
0.2907

■ 16.3991, 0.4011,
0.2976

■ 8.4590, 0.5752,
0.2978

■ 19.7710, 0.3749,
0.3043

■ 8.2888, 0.5867,
0.3005

■ 23.8429, 0.3530,
0.3114

■ 28.6514, 0.3351,
0.3184

■ 34.2307, 0.3205,
0.3250

■ 40.6126, 0.3086,
0.3313

■ 47.8273, 0.2988,
0.3370

■ 55.9034, 0.2909,
0.3423

Harmonies

Analogous

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



11.5912, 0.3636, 0.2302



11.5912, 0.4670, 0.2882



11.5912, 0.5180, 0.3559

Triad

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



11.5912, 0.4670, 0.2882



11.5912, 0.3363, 0.5278



11.5912, 0.1482, 0.1938

Complementary

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



11.5912, 0.4670, 0.2882



29.9232, 0.2533, 0.3831

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.



11.5912, 0.1432, 0.2477



11.5912, 0.4670, 0.2882



11.5912, 0.2423, 0.4699

Square

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



11.5912, 0.4670, 0.2882



11.5912, 0.4292, 0.4975



11.5912, 0.1732, 0.3489



11.5912, 0.1857, 0.1779

Rectangle

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



11.5912, 0.4670, 0.2882



11.5912, 0.5120, 0.4039



11.5912, 0.1732, 0.3489



11.5912, 0.1430, 0.2069

Sweetspot

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



11.5918, 0.4670, 0.2882



48.2502, 0.3420, 0.3155



10.8717, 0.2785, 0.1632



10.2733, 0.3469, 0.3136



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.



11.5918, 0.4670, 0.2882



17.1897, 0.5243, 0.2886



14.3774, 0.4945, 0.3658



7.5736, 0.3246, 0.3231



6.4332, 0.5844, 0.2993



0.1647, 0.4941, 0.2496

Inverse Universe

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



11.5918, 0.4670, 0.2882



17.1897, 0.5243, 0.2886



22.4500, 0.2247, 0.2811



7.5736, 0.3246, 0.3231



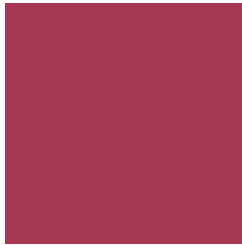
6.4332, 0.5844, 0.2993



0.1647, 0.4941, 0.2496

Previews

White Background



This preview shows how the Yxy color 11.5912, 0.4670, 0.2882 looks on a white background.

Color Contrast Check

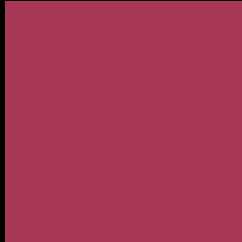
Large Text (above 18pt) WCAG AA ✓ Pass

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 11.5912, 0.4670, 0.2882 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

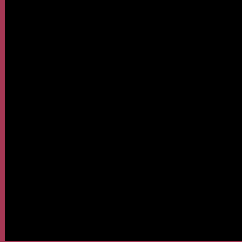
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

Yxy 11.5912, 0.4670, 0.2882

Background



This preview shows how black text looks on a background with the Yxy color 11.5912, 0.4670, 0.2882.



This preview shows how white text looks on a background with the Yxy color 11.5912, 0.4670, 0.2882.

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

11.5912, 0.4670, 0.2882

Protanopia

11.8602, 0.2963, 0.3041

Deuteranopia

11.8526, 0.3634, 0.3577



Tritanopia

11.6012, 0.5045, 0.3241

Trichromacy



Original Color

11.5912, 0.4670, 0.2882

Protanomaly

10.8507, 0.3522, 0.2922

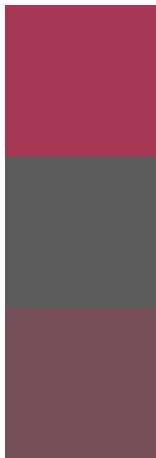
Deuteranomaly

11.2521, 0.4022, 0.3254

Tritanomaly

11.5951, 0.4899, 0.3113

Monochromacy



Original Color

11.5912, 0.4670, 0.2882

Achromatopsia

10.7023, 0.3127, 0.3290

Achromatomaly

10.2352, 0.3674, 0.3081

CSS Examples

Text

The CSS property to change the color of the text to Yxy 11.5912, 0.4670, 0.2882 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(166, 56, 85)` looks like.

```
.text, #text, p{  
    color:rgb(166, 56, 85)  
}
```

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(166, 56, 85) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(166, 56, 85) }
```

Border

The CSS property to change the border of an element to Yxy 11.5912, 0.4670, 0.2882 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(166, 56, 85) }
```

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

```
.border{ border-color:rgb(166, 56, 85) }
```

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

Here you see how a box with a 4 pixel rgb(166, 56, 85) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(166, 56, 85); -webkit-box-  
shadow:4px 4px 4px 4px rgb(166, 56, 85);  
box-shadow:4px 4px 4px 4px rgb(166, 56,  
85) }
```


Background

The CSS property to change the background color of an element to Yxy 11.5912, 0.4670, 0.2882 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(166, 56, 85) }
```

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

```
.background{ background-color: rgb(166, 56,  
85) }
```

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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