

Converting Colors

$Y_{xy}(11.0296, 0.4726, 0.2904)$

Have a look what the booklet for
Yxy(11.0296, 0.4726, 0.2904)
contains.

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Color

Yxy(11.0189, 0.4726, 0.2908)

Conversions

Conversions Part 1

Format	Color
Hex	A33651
RGB	163, 54, 81
RGB Percent	64%, 21%, 32%
CMY	0.3608, 0.7882, 0.6824
CMYK	0.00, 0.67, 0.50, 0.36
HSL	345°, 50%, 43%
HSV	345°, 67%, 64%
XYZ	17.9076, 11.0189, 8.9652
YIQ	89.6690, 56.2970, 31.5050

Conversions

Conversions Part 2

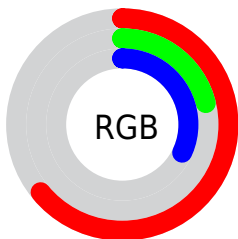
Format	Color
R_{YB}	163, 54, 81
Decimal	10696273
CIE _{Lab}	39.61, 46.93, 8.87
CIE _{LCh}	40, 47.763, 10.708
Yxy	11.0189, 0.4726, 0.2908
Android (android.graphics.Color)	4288886353 (0xFFA33651)
YUV	89.6690, -4.2738, 64.3113
Hunter-Lab	33.1947, 38.2049, 7.2234

Details

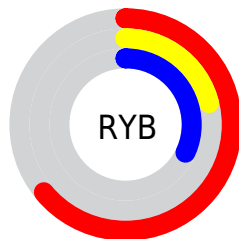
The Yxy color **11.0189, 0.4726, 0.2908** is a dark color, and the websafe version is hex **990033**. A complement of this color would be **28.7556, 0.2519, 0.3800**, and the grayscale version is **10.1477, 0.3127, 0.3290**.

A 20% lighter version of the original color is **27.6567, 0.4310, 0.3024**, and **3.1977, 0.5453, 0.2778** is the 20% darker color. If you saturate the color by 10%, you get **9.5803, 0.5110, 0.2905**, and if you desaturate by 10%, it is **13.0004, 0.4366, 0.2941**.

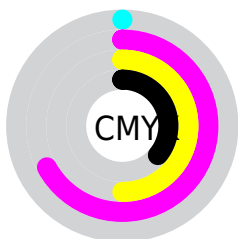
Distribution



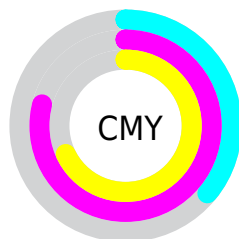
- Red (64%)
- Green (21%)
- Blue (32%)



- Red (64%)
- Yellow (21%)
- Blue (32%)



- Cyan (0%)
- Magenta (67%)
- Yellow (50%)
- Black (36%)





- Cyan (36%)
- Magenta (79%)
- Yellow (68%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 11.0189, 0.4726, 0.2908 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 11.0189, 0.4726, 0.2908 by changing the saturation by 10% instead.


 11.0189, 0.4726,
0.2908


 11.0189, 0.4726,
0.2908


197.7972, 0.3737,
0.3167


 6.0796, 0.5065,
0.2804

 27.6951, 0.4307,
0.3026


 2.8935, 0.5572,
0.2633

 40.2008, 0.4169,
0.3063


 1.0764, 0.6471,
0.2352

 55.9973, 0.4059,
0.3090

 0.0000, 1.0000,
0.0000

 75.4691, 0.3971,
0.3112

 0.0000, 0.0000,
0.0000

 99.0006, 0.3897,
0.3130

 126.9762, 0.3835,

0.3145

159.7803, 0.3783,
0.3157

■ 11.0189, 0.4726,
0.2908

■ 11.0189, 0.4726,
0.2908

■ 9.5803, 0.5110,
0.2905

■ 13.0004, 0.4366,
0.2941

■ 8.6278, 0.5487,
0.2940

■ 15.5704, 0.4047,
0.2993

■ 8.0804, 0.5819,
0.3011

■ 18.7719, 0.3776,
0.3055

■ 7.9416, 0.5916,
0.3032

■ 22.6431, 0.3550,
0.3121

■ 27.2193, 0.3365,
0.3187

■ 32.5334, 0.3214,
0.3249

■ 38.6162, 0.3091,
0.3308

■ 45.4965, 0.2991,
0.3362

■ 53.2019, 0.2909,
0.3411

Harmonies

Analogous

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



11.0189, 0.3695, 0.2318



11.0189, 0.4726, 0.2908



11.0189, 0.5206, 0.3591

Triad

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



11.0189, 0.4726, 0.2908



11.0189, 0.3315, 0.5295



11.0189, 0.1480, 0.1910

Complementary

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



11.0189, 0.4726, 0.2908



28.7556, 0.2519, 0.3800

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.



11.0189, 0.1414, 0.2431



11.0189, 0.4726, 0.2908



11.0189, 0.2373, 0.4665

Square

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



11.0189, 0.4726, 0.2908



11.0189, 0.4257, 0.5016



11.0189, 0.1696, 0.3431



11.0189, 0.1873, 0.1767

Rectangle

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



11.0189, 0.4726, 0.2908



11.0189, 0.5121, 0.4076



11.0189, 0.1696, 0.3431



11.0189, 0.1422, 0.2036

Sweetspot

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



11.0195, 0.4726, 0.2908



45.7273, 0.3426, 0.3164



10.4971, 0.2808, 0.1633



9.7765, 0.3475, 0.3146



82.7571, 0.3127, 0.3290



14.7319, 0.3127, 0.3290

Same Dimension

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



11.0195, 0.4726, 0.2908



16.2684, 0.5288, 0.2916



13.9759, 0.4941, 0.3687



7.1134, 0.3248, 0.3235



6.1788, 0.5893, 0.3020



0.1368, 0.4954, 0.2503

Inverse Universe

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



11.0195, 0.4726, 0.2908



16.2684, 0.5288, 0.2916



20.9668, 0.2233, 0.2771



7.1134, 0.3248, 0.3235



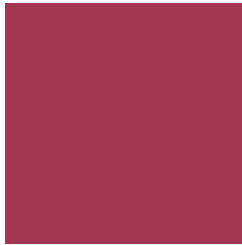
6.1788, 0.5893, 0.3020



0.1368, 0.4954, 0.2503

Previews

White Background



This preview shows how the Yxy color 11.0189, 0.4726, 0.2908 looks on a white background.

Color Contrast Check

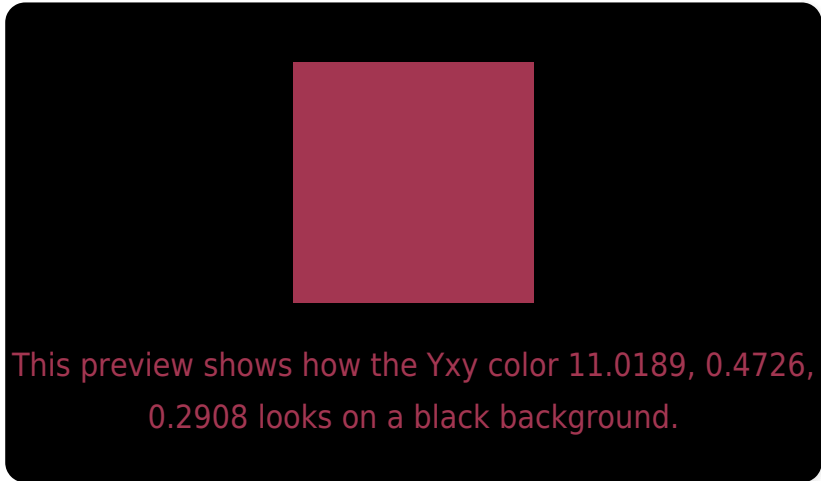
Large Text (above 18pt) WCAG AA ✓ Pass

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

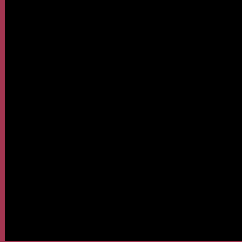
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

Yxy 11.0189, 0.4726, 0.2908

Background



This preview shows how black text looks on a background with the Yxy color 11.0189, 0.4726, 0.2908.



This preview shows how white text looks on a background with the Yxy color 11.0189, 0.4726, 0.2908.

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

11.0189, 0.4726, 0.2908

Protanopia

11.3444, 0.3015, 0.3105

Deuteranopia

11.1491, 0.3683, 0.3605



Tritanopia

11.0444, 0.5085, 0.3254

Trichromacy



Original Color

11.0189, 0.4726, 0.2908

Protanomaly

10.3221, 0.3583, 0.2977

Deuteranomaly

10.5249, 0.4068, 0.3273

Tritanomaly

11.0250, 0.4958, 0.3140

Monochromacy



Original Color

11.0189, 0.4726, 0.2908

Achromatopsia

10.2242, 0.3127, 0.3290

Achromatomaly

9.7778, 0.3685, 0.3077

CSS Examples

Text

The CSS property to change the color of the text to Yxy 11.0189, 0.4726, 0.2908 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(163, 54, 81)` looks like.

```
.text, #text, p{  
  color:rgb(163, 54, 81)  
}
```

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(163, 54, 81) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(163, 54, 81) }
```

Border

The CSS property to change the border of an element to Yxy 11.0189, 0.4726, 0.2908 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(163, 54, 81) }
```

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

```
.border{ border-color:rgb(163, 54, 81) }
```

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

Here you see how a box with a 4 pixel rgb(163, 54, 81) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(163, 54, 81); -webkit-box-  
shadow:4px 4px 4px 4px rgb(163, 54, 81);  
box-shadow:4px 4px 4px 4px rgb(163, 54,  
81) }
```


Background

The CSS property to change the background color of an element to Yxy 11.0189, 0.4726, 0.2908 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(163, 54, 81) }
```

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

```
.background{ background-color: rgb(163, 54,  
81) }
```

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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