

Converting Colors

$Y_{xy}(11.3047, 0.4891, 0.2468)$

Have a look what the booklet for
Yxy(11.3047, 0.4891, 0.2468)
contains.

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Color

Yxy(11.2836, 0.4892, 0.2469)

Conversions

Conversions Part 1

Format	Color
Hex	BA0060
RGB	186, 0, 96
RGB Percent	73%, 0%, 38%
CMY	0.2707, 0.9994, 0.6236
CMYK	0.00, 1.00, 0.48, 0.27
HSL	329°, 100%, 36%
HSV	329°, 100%, 73%
XYZ	22.3570, 11.2836, 12.0605
YIQ	66.5580, 80.0400, 69.2880

Conversions

Conversions Part 2

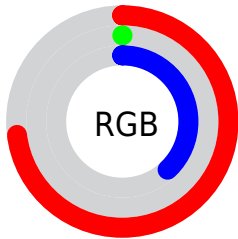
Format	Color
RYB	186, 0, 96
Decimal	12189792
CIELab	40.05, 67.03, 0.59
CIELCh	40, 67.037, 0.508
Yxy	11.2836, 0.4892, 0.2469
Android (android.graphics.Color)	4290379872 (0xFFBA0060)
YUV	66.5580, 14.5149, 104.7506
Hunter-Lab	33.5911, 60.0186, 2.2263

Details

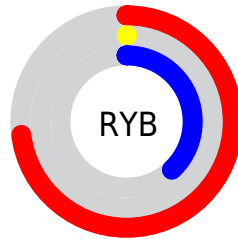
The Yxy color **11.2836, 0.4892, 0.2469** is a dark color, and the websafe version is hex **CC0066**. A complement of this color would be **35.8521, 0.2739, 0.5059**, and the grayscale version is **5.5205, 0.3127, 0.3290**.

A 20% lighter version of the original color is **28.1901, 0.4446, 0.2683**, and **4.6659, 0.5312, 0.2700** is the 20% darker color. If you saturate the color by 10%, you get **11.2796, 0.4894, 0.2470**, and if you desaturate by 10%, it is **11.9138, 0.4662, 0.2412**.

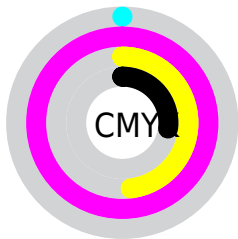
Distribution



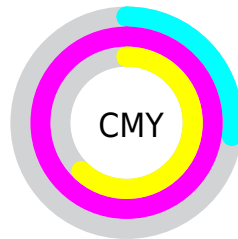
- Red (73%)
- Green (0%)
- Blue (38%)



- Red (73%)
- Yellow (0%)
- Blue (38%)



- Cyan (0%)
- Magenta (100%)
- Yellow (48%)
- Black (27%)





- Cyan (27%)
- Magenta (100%)
- Yellow (62%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 11.2836, 0.4892, 0.2469 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 11.2836, 0.4892, 0.2469 by changing the saturation by 10% instead.


 11.2836, 0.4892,
0.2469


 11.2836, 0.4892,
0.2469


199.6030, 0.3822,
0.2969


 6.2579, 0.5243,
0.2304


 28.1834, 0.4447,
0.2677

 3.0025, 0.5753,
0.2064

 40.8263, 0.4298,
0.2747


 1.1331, 0.6542,
0.1690

 56.7771, 0.4179,
0.2803

 0.0060, 0.9969,
0.0031

 76.4202, 0.4081,
0.2848

 0.0000, 1.0000,
0.0000

 100.1399, 0.4000,
0.2886

 0.0000, 0.0000,
0.0000

 128.3207, 0.3931,

0.2918

161.3469, 0.3873,
0.2945

■ 11.2836, 0.4892,
0.2469

■ 11.2836, 0.4892,
0.2469

■ 11.2796, 0.4894,
0.2470

■ 11.9138, 0.4662,
0.2412

■ 12.9965, 0.4427,
0.2402

■ 14.6901, 0.4194,
0.2442

■ 17.0737, 0.3974,
0.2523

■ 20.2143, 0.3775,
0.2633

■ 24.1710, 0.3600,
0.2761

■ 28.9969, 0.3449,
0.2896

■ 34.7407, 0.3322,
0.3033

■ 41.4473, 0.3215,
0.3165

Harmonies

Analogous

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



11.2836, 0.3339, 0.1836



11.2836, 0.4892, 0.2469



11.2836, 0.5825, 0.3222

Triad

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



11.2836, 0.4892, 0.2469



11.2836, 0.3603, 0.5978



11.2836, 0.1002, 0.1638

Complementary

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



11.2836, 0.4892, 0.2469



35.8521, 0.2739, 0.5059

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.



11.2836, 0.1019, 0.2433



11.2836, 0.4892, 0.2469



11.2836, 0.2403, 0.5795

Square

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



11.2836, 0.4892, 0.2469



11.2836, 0.4823, 0.5112



11.2836, 0.1453, 0.4053



11.2836, 0.1321, 0.1380

Rectangle

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



11.2836, 0.4892, 0.2469



11.2836, 0.5825, 0.3764



11.2836, 0.1453, 0.4053



11.2836, 0.0970, 0.1828

Sweetspot

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



11.2843, 0.4892, 0.2469



52.0194, 0.3457, 0.2888



5.7199, 0.1992, 0.0871



10.6042, 0.3519, 0.2830



95.5105, 0.3127, 0.3290



19.5994, 0.3127, 0.3290

Same Dimension

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



11.2843, 0.4892, 0.2469



20.4001, 0.4928, 0.2488



10.4473, 0.6382, 0.3290



9.0875, 0.3209, 0.3173



7.6054, 0.4866, 0.2454



0.2806, 0.4329, 0.2158

Inverse Universe

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



11.2843, 0.4892, 0.2469



20.4001, 0.4928, 0.2488



38.5253, 0.2261, 0.3338



9.0875, 0.3209, 0.3173



7.6054, 0.4866, 0.2454



0.2806, 0.4329, 0.2158

Previews

White Background



This preview shows how the Yxy color 11.2836, 0.4892, 0.2469 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 11.2836, 0.4892, 0.2469 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

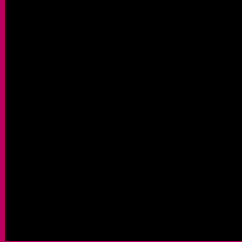
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

Yxy 11.2836, 0.4892, 0.2469

Background



This preview shows how black text looks on a background with the Yxy color 11.2836, 0.4892, 0.2469.



This preview shows how white text looks on a background with the Yxy color 11.2836, 0.4892, 0.2469.

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

11.2836, 0.4892, 0.2469

Protanopia

12.0688, 0.2454, 0.2386

Deuteranopia

11.8483, 0.3475, 0.3401



Tritanopia

11.5934, 0.5852, 0.3298

Trichromacy



Original Color

11.2836, 0.4892, 0.2469



Protanomaly

8.7606, 0.3130, 0.2111



Deuteranomaly

9.2865, 0.4077, 0.2717



Tritanomaly

11.1594, 0.5609, 0.2997

Monochromacy



Original Color

11.2836, 0.4892, 0.2469



Achromatopsia

5.6128, 0.3127, 0.3290



Achromatomaly

5.5928, 0.3924, 0.2532

CSS Examples

Text

The CSS property to change the color of the text to Yxy 11.2836, 0.4892, 0.2469 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(186, 0, 96)` looks like.

```
.text, #text, p{  
  color:rgb(186, 0, 96)  
}
```

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(186, 0, 96) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(186, 0, 96) }
```

Border

The CSS property to change the border of an element to Yxy 11.2836, 0.4892, 0.2469 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(186, 0, 96) }
```

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

```
.border{ border-color:rgb(186, 0, 96) }
```

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

Here you see how a box with a 4 pixel `rgb(186, 0, 96)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(186, 0, 96); -webkit-box-  
shadow:4px 4px 4px 4px rgb(186, 0, 96);  
box-shadow:4px 4px 4px 4px rgb(186, 0, 96)  
}
```


Background

The CSS property to change the background color of an element to Yxy 11.2836, 0.4892, 0.2469 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(186, 0, 96) }
```

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

```
.background{ background-color: rgb(186, 0,  
96) }
```

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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