

Converting Colors

$Y_{xy}(11.3445, 0.4843, 0.2441)$

Have a look what the booklet for
Yxy(11.3445, 0.4843, 0.2441)
contains.

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Color

Yxy(11.3209, 0.4846, 0.2443)

Conversions

Conversions Part 1

Format	Color
Hex	BA0062
RGB	186, 0, 98
RGB Percent	73%, 0%, 38%
CMY	0.2706, 1.0000, 0.6156
CMYK	0.00, 1.00, 0.47, 0.27
HSL	328°, 100%, 36%
HSV	328°, 100%, 73%
XYZ	22.4564, 11.3209, 12.5628
YIQ	66.7860, 79.3980, 69.9100

Conversions

Conversions Part 2

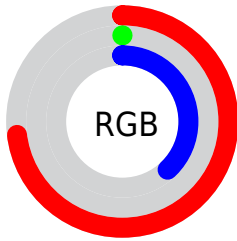
Format	Color
R_{YB}	186, 0, 98
Decimal	12189794
CIE _{Lab}	40.12, 67.23, -0.61
CIE _{LCh}	40, 67.228, 359.476
Yxy	11.3209, 0.4846, 0.2443
Android (android.graphics.Color)	4290379874 (0xFFBA0062)
YUV	66.7860, 15.3885, 104.5507
Hunter-Lab	33.6465, 60.2533, 1.4151

Details

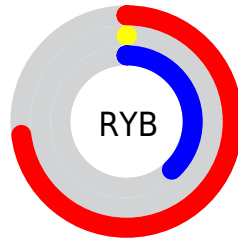
The Yxy color **11.3209, 0.4846, 0.2443** is a dark color, and the websafe version is hex **CC0066**. A complement of this color would be **35.8249, 0.2749, 0.5098**, and the grayscale version is **5.5440, 0.3127, 0.3290**.

A 20% lighter version of the original color is **28.2529, 0.4417, 0.2662**, and **4.6836, 0.5249, 0.2665** is the 20% darker color. If you saturate the color by 10%, you get **11.3222, 0.4846, 0.2443**, and if you desaturate by 10%, it is **11.9501, 0.4622, 0.2389**.

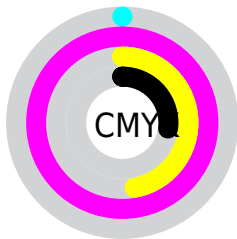
Distribution



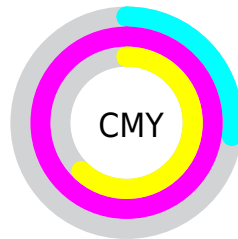
- Red (73%)
- Green (0%)
- Blue (38%)



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



- Cyan (0%)
- Magenta (100%)
- Yellow (47%)
- Black (27%)





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

Brightness & Saturation Gradients


These gradients show how the Yxy color 11.3209, 0.4846, 0.2443 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 11.3209, 0.4846, 0.2443 by changing the saturation by 10% instead.


 11.3209, 0.4846,
0.2443


 11.3209, 0.4846,
0.2443


199.8561, 0.3806,
0.2954

 6.2831, 0.5186,
0.2277


 28.2521, 0.4414,
0.2655


 3.0180, 0.5681,
0.2036

 40.9142, 0.4269,
0.2726

 1.1411, 0.6447,
0.1665

 56.8866, 0.4153,
0.2783

 0.0128, 0.9653,
0.0064

 76.5536, 0.4058,
0.2830

 0.0000, 1.0000,
0.0000

 100.2997, 0.3979,
0.2869

 0.0000, 0.0000,
0.0000

 128.5092, 0.3913,

0.2901

161.5665, 0.3855,
0.2930

■ 11.3209, 0.4846,
0.2443

■ 11.3209, 0.4846,
0.2443

■ 11.3222, 0.4846,
0.2443

■ 11.9501, 0.4622,
0.2389

■ 13.0278, 0.4394,
0.2380

■ 14.7150, 0.4168,
0.2422

■ 17.0909, 0.3955,
0.2506

■ 20.2227, 0.3761,
0.2618

■ 24.1694, 0.3590,
0.2748

■ 28.9842, 0.3443,
0.2887

■ 34.7158, 0.3319,
0.3026

■ 41.4090, 0.3214,
0.3161

Harmonies

Analogous

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



11.3209, 0.3287, 0.1816



11.3209, 0.4846, 0.2443



11.3209, 0.5815, 0.3194

Triad

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



11.3209, 0.4846, 0.2443



11.3209, 0.3646, 0.5963



11.3209, 0.0995, 0.1653

Complementary

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



11.3209, 0.4846, 0.2443



35.8249, 0.2749, 0.5098

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.



11.3209, 0.1023, 0.2472



11.3209, 0.4846, 0.2443



11.3209, 0.2441, 0.5837

Square

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



11.3209, 0.4846, 0.2443



11.3209, 0.4862, 0.5077



11.3209, 0.1475, 0.4122



11.3209, 0.1302, 0.1380

Rectangle

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



11.3209, 0.4846, 0.2443



11.3209, 0.5839, 0.3734



11.3209, 0.1475, 0.4122



11.3209, 0.0967, 0.1849

Sweetspot

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



11.3222, 0.4846, 0.2443



52.0598, 0.3450, 0.2880



5.5622, 0.1960, 0.0853



10.6140, 0.3510, 0.2821



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.



11.3222, 0.4846, 0.2443



20.4712, 0.4879, 0.2461



10.4535, 0.6366, 0.3281



9.0892, 0.3208, 0.3170



7.6319, 0.4819, 0.2428



0.2815, 0.4297, 0.2141

Inverse Universe

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



11.3222, 0.4846, 0.2443



20.4712, 0.4879, 0.2461



38.4080, 0.2275, 0.3389



9.0892, 0.3208, 0.3170



7.6319, 0.4819, 0.2428



0.2815, 0.4297, 0.2141

Previews

White Background



This preview shows how the Yxy color 11.3209, 0.4846, 0.2443 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 11.3209, 0.4846, 0.2443

Background



This preview shows how black text looks on a background with the Yxy color 11.3209, 0.4846, 0.2443.



This preview shows how white text looks on a background with the Yxy color 11.3209, 0.4846, 0.2443.

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

11.3209, 0.4846, 0.2443

Protanopia

12.0827, 0.2425, 0.2349

Deuteranopia

11.9948, 0.3424, 0.3379



Tritanopia

11.6648, 0.5830, 0.3298

Trichromacy



Original Color

11.3209, 0.4846, 0.2443

Protanomaly

8.8112, 0.3098, 0.2081

Deuteranomaly

9.3404, 0.4011, 0.2694

Tritanomaly

11.2119, 0.5585, 0.2992

Monochromacy



Original Color

11.3209, 0.4846, 0.2443

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 11.3209, 0.4846, 0.2443 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, 98)` looks like.

```
.text, #text, p{  
  color:rgb(186, 0, 98)  
}
```

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, 98) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(186, 0, 98) }
```

Border

The CSS property to change the border of an element to Yxy 11.3209, 0.4846, 0.2443 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, 98) }
```

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

```
.border{ border-color:rgb(186, 0, 98) }
```

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, 98) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(186, 0, 98); -webkit-box-  
shadow:4px 4px 4px 4px rgb(186, 0, 98);  
box-shadow:4px 4px 4px 4px rgb(186, 0, 98)  
}
```


Background

The CSS property to change the background color of an element to Yxy 11.3209, 0.4846, 0.2443 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, 98) }
```

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

```
.background{ background-color: rgb(186, 0,  
98) }
```

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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