

Converting Colors

$Y_{xy}(11.2465, 0.4964, 0.2508)$

Have a look what the booklet for
Yxy(11.2465, 0.4964, 0.2508)
contains.

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Color

Yxy(11.2294, 0.4960, 0.2506)

Conversions

Conversions Part 1

Format	Color
Hex	BA005D
RGB	186, 0, 93
RGB Percent	73%, 0%, 36%
CMY	0.2706, 0.9999, 0.6352
CMYK	0.00, 1.00, 0.50, 0.27
HSL	330°, 100%, 36%
HSV	330°, 100%, 73%
XYZ	22.2258, 11.2294, 11.3549
YIQ	66.2160, 81.0030, 68.3550

Conversions

Conversions Part 2

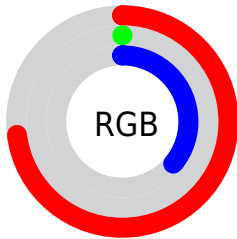
Format	Color
RYB	186, 0, 93
Decimal	12189789
CIELab	39.96, 66.82, 2.35
CIElCh	40, 66.858, 2.015
Yxy	11.2294, 0.4960, 0.2506
Android (android.graphics.Color)	4290379869 (0xFFBA005D)
YUV	66.2160, 13.2045, 105.0506
Hunter-Lab	33.5103, 59.7475, 3.3670

Details

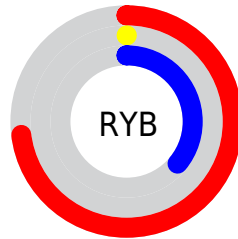
The Yxy color **11.2294, 0.4960, 0.2506** is a dark color, and the websafe version is hex **CC0066**. A complement of this color would be **35.9081, 0.2724, 0.5008**, and the grayscale version is **5.4556, 0.3127, 0.3290**.

A 20% lighter version of the original color is **27.9438, 0.4493, 0.2705**, and **4.6490, 0.5376, 0.2735** is the 20% darker color. If you saturate the color by 10%, you get **11.2293, 0.4960, 0.2506**, and if you desaturate by 10%, it is **11.8577, 0.4721, 0.2446**.

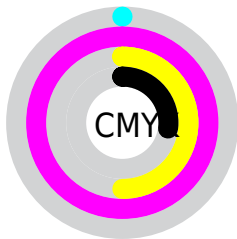
Distribution



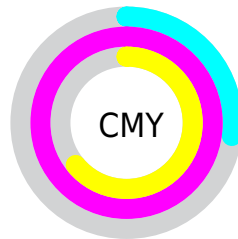
- Red (73%)
- Green (0%)
- Blue (36%)



- Red (73%)
- Yellow (0%)
- Blue (36%)



- Cyan (0%)
- Magenta (100%)
- Yellow (50%)
- Black (27%)




- Cyan (27%)
- Magenta (100%)
- Yellow (64%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 11.2294, 0.4960, 0.2506 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 11.2294, 0.4960, 0.2506 by changing the saturation by 10% instead.


 11.2294, 0.4960,
0.2506


 11.2294, 0.4960,
0.2506


199.2347, 0.3846,
0.2989


 6.2214, 0.5326,
0.2343

 28.0836, 0.4496,
0.2710


 2.9801, 0.5858,
0.2103

 40.6985, 0.4341,
0.2777


 1.1214, 0.6678,
0.1725

 56.6179, 0.4216,
0.2831

 0.0000, 1.0000,
0.0000

 76.2260, 0.4115,
0.2874

 0.0000, 0.0000,
0.0000

 99.9074, 0.4031,
0.2911

 128.0464, 0.3960,

0.2941

161.0273, 0.3899,
0.2967

■ 11.2294, 0.4960,
0.2506

■ 11.2294, 0.4960,
0.2506

■ 11.2293, 0.4960,
0.2506

■ 11.8577, 0.4721,
0.2446

■ 12.9374, 0.4476,
0.2431

■ 14.6287, 0.4233,
0.2467

■ 17.0109, 0.4005,
0.2545

■ 20.1511, 0.3798,
0.2651

■ 24.1086, 0.3616,
0.2775

■ 28.9366, 0.3460,
0.2907

■ 34.6837, 0.3328,
0.3039

■ 41.3951, 0.3218,
0.3168

Harmonies

Analogous

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



11.2294, 0.3416, 0.1863



11.2294, 0.4960, 0.2506



11.2294, 0.5839, 0.3261

Triad

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



11.2294, 0.4960, 0.2506



11.2294, 0.3542, 0.6002



11.2294, 0.1012, 0.1617

Complementary

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



11.2294, 0.4960, 0.2506



35.9081, 0.2724, 0.5008

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.



11.2294, 0.1011, 0.2376



11.2294, 0.4960, 0.2506



11.2294, 0.2348, 0.5734

Square

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



11.2294, 0.4960, 0.2506



11.2294, 0.4767, 0.5165



11.2294, 0.1420, 0.3953



11.2294, 0.1348, 0.1378

Rectangle

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



11.2294, 0.4960, 0.2506



11.2294, 0.5805, 0.3808



11.2294, 0.1420, 0.3953



11.2294, 0.0974, 0.1796

Sweetspot

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



11.2301, 0.4960, 0.2506



51.9639, 0.3467, 0.2900



5.7150, 0.1991, 0.0870



10.5907, 0.3531, 0.2844



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.



11.2301, 0.4960, 0.2506



20.3051, 0.4995, 0.2526



10.4464, 0.6383, 0.3290



9.0851, 0.3212, 0.3176



7.5699, 0.4932, 0.2490



0.2794, 0.4373, 0.2183

Inverse Universe

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



11.2301, 0.4960, 0.2506



20.3051, 0.4995, 0.2526



38.5323, 0.2261, 0.3338



9.0851, 0.3212, 0.3176



7.5699, 0.4932, 0.2490



0.2794, 0.4373, 0.2183

Previews

White Background



This preview shows how the Yxy color 11.2294, 0.4960, 0.2506 looks on a white background.

Color Contrast Check

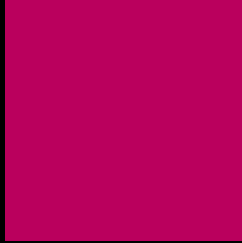
Large Text (above 18pt) WCAG AA ✓ Pass

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 11.2294, 0.4960, 0.2506 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

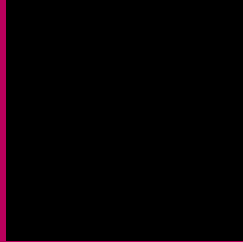
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

Yxy 11.2294, 0.4960, 0.2506

Background



This preview shows how black text looks on a background with the Yxy color 11.2294, 0.4960, 0.2506.



This preview shows how white text looks on a background with the Yxy color 11.2294, 0.4960, 0.2506.

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

11.2294, 0.4960, 0.2506

Protanopia

11.8369, 0.2520, 0.2457

Deuteranopia

11.7996, 0.3522, 0.3468



Tritanopia

11.5240, 0.5874, 0.3298

Trichromacy



Original Color

11.2294, 0.4960, 0.2506



Protanomaly

8.7012, 0.3233, 0.2169



Deuteranomaly

9.2358, 0.4142, 0.2771



Tritanomaly

11.1390, 0.5646, 0.3019

Monochromacy



Original Color

11.2294, 0.4960, 0.2506



Achromatopsia

5.4480, 0.3127, 0.3290



Achromatomaly

5.4927, 0.3982, 0.2555

CSS Examples

Text

The CSS property to change the color of the text to Yxy 11.2294, 0.4960, 0.2506 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, 93)` looks like.

```
.text, #text, p{  
    color:rgb(186, 0, 93)  
}
```

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, 93) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(186, 0, 93) }
```

Border

The CSS property to change the border of an element to Yxy 11.2294, 0.4960, 0.2506 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, 93) }
```

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

```
.border{ border-color:rgb(186, 0, 93) }
```

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, 93)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(186, 0, 93); -webkit-box-  
shadow:4px 4px 4px 4px rgb(186, 0, 93);  
box-shadow:4px 4px 4px 4px rgb(186, 0, 93)  
}
```


Background

The CSS property to change the background color of an element to Yxy 11.2294, 0.4960, 0.2506 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, 93) }
```

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

```
.background{ background-color: rgb(186, 0,  
93) }
```

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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