

Converting Colors

$Y_{xy}(11.2182, 0.5001, 0.2529)$

Have a look what the booklet for
Yxy(11.2182, 0.5001, 0.2529)
contains.

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Color

Yxy(11.1944, 0.5006, 0.2531)

Conversions

Conversions Part 1

Format	Color
Hex	BA005B
RGB	186, 0, 91
RGB Percent	73%, 0%, 36%
CMY	0.2705, 1.0000, 0.6431
CMYK	0.00, 1.00, 0.51, 0.27
HSL	331°, 100%, 36%
HSV	331°, 100%, 73%
XYZ	22.1411, 11.1944, 10.8936
YIQ	65.9880, 81.6450, 67.7330

Conversions

Conversions Part 2

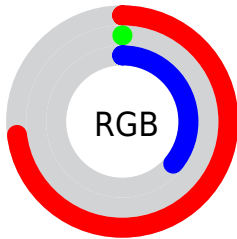
Format	Color
RYB	186, 0, 91
Decimal	12189787
CIELab	39.91, 66.68, 3.54
CIElCh	40, 66.770, 3.041
Yxy	11.1944, 0.5006, 0.2531
Android (android.graphics.Color)	4290379867 (0xFFBA005B)
YUV	65.9880, 12.3309, 105.2505
Hunter-Lab	33.4580, 59.5722, 4.1163

Details

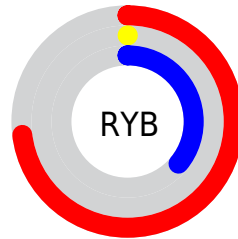
The Yxy color **11.1944, 0.5006, 0.2531** is a dark color, and the websafe version is hex **CC0066**. A complement of this color would be **35.9504, 0.2714, 0.4972**, and the grayscale version is **5.4180, 0.3127, 0.3290**.

A 20% lighter version of the original color is **28.0661, 0.4533, 0.2729**, and **4.6329, 0.5438, 0.2769** is the 20% darker color. If you saturate the color by 10%, you get **11.1965, 0.5006, 0.2531**, and if you desaturate by 10%, it is **11.8234, 0.4761, 0.2469**.

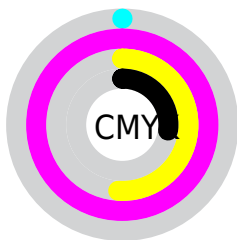
Distribution



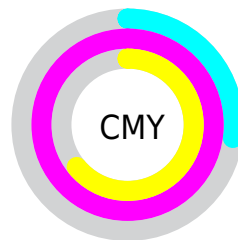
- Red (73%)
- Green (0%)
- Blue (36%)



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



- Cyan (0%)
- Magenta (100%)
- Yellow (51%)
- Black (27%)




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

Brightness & Saturation Gradients


These gradients show how the Yxy color 11.1944, 0.5006, 0.2531 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 11.1944, 0.5006, 0.2531 by changing the saturation by 10% instead.


 11.1944, 0.5006,
0.2531


 11.1944, 0.5006,
0.2531


198.9964, 0.3862,
0.3004


 6.1977, 0.5382,
0.2369

 28.0191, 0.4529,
0.2732


 2.9657, 0.5928,
0.2129

 40.6159, 0.4370,
0.2798


 1.1138, 0.6767,
0.1748

 56.5149, 0.4242,
0.2850

 0.0000, 1.0000,
0.0000

 76.1005, 0.4138,
0.2892

 0.0000, 0.0000,
0.0000

 99.7570, 0.4052,
0.2927

 127.8690, 0.3979,

0.2957

160.8206, 0.3916,
0.2982

■ 11.1944, 0.5006,
0.2531

■ 11.1944, 0.5006,
0.2531

■ 11.1965, 0.5006,
0.2531

■ 11.8234, 0.4761,
0.2469

■ 12.9028, 0.4510,
0.2451

■ 14.5947, 0.4260,
0.2485

■ 16.9782, 0.4025,
0.2560

■ 20.1209, 0.3813,
0.2664

■ 24.0817, 0.3626,
0.2786

■ 28.9142, 0.3467,
0.2915

■ 34.6670, 0.3332,
0.3044

■ 41.3852, 0.3220,
0.3170

Harmonies

Analogous

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



11.1944, 0.3468, 0.1882



11.1944, 0.5006, 0.2531



11.1944, 0.5849, 0.3288

Triad

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



11.1944, 0.5006, 0.2531



11.1944, 0.3500, 0.6018



11.1944, 0.1018, 0.1602

Complementary

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



11.1944, 0.5006, 0.2531



35.9504, 0.2714, 0.4972

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.



11.1944, 0.1006, 0.2338



11.1944, 0.5006, 0.2531



11.1944, 0.2310, 0.5691

Square

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



11.1944, 0.5006, 0.2531



11.1944, 0.4729, 0.5202



11.1944, 0.1398, 0.3886



11.1944, 0.1367, 0.1377

Rectangle

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



11.1944, 0.5006, 0.2531



11.1944, 0.5791, 0.3837



11.1944, 0.1398, 0.3886



11.1944, 0.0977, 0.1775

Sweetspot

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



11.1965, 0.5006, 0.2531



51.9260, 0.3474, 0.2908



5.8734, 0.2023, 0.0888



10.5816, 0.3539, 0.2853



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.



11.1965, 0.5006, 0.2531



20.2420, 0.5042, 0.2551



10.4410, 0.6401, 0.3300



9.0835, 0.3213, 0.3179



7.5464, 0.4976, 0.2515



0.2785, 0.4404, 0.2200

Inverse Universe

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



11.1965, 0.5006, 0.2531



20.2420, 0.5042, 0.2551



38.6699, 0.2247, 0.3287



9.0835, 0.3213, 0.3179



7.5464, 0.4976, 0.2515



0.2785, 0.4404, 0.2200

Previews

White Background



This preview shows how the Yxy color 11.1944, 0.5006, 0.2531 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 11.1944, 0.5006, 0.2531 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 11.1944, 0.5006, 0.2531

Background



This preview shows how black text looks on a background with the Yxy color 11.1944, 0.5006, 0.2531.



This preview shows how white text looks on a background with the Yxy color 11.1944, 0.5006, 0.2531.

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

11.1944, 0.5006, 0.2531

Protanopia

11.8288, 0.2552, 0.2496

Deuteranopia

11.8327, 0.3570, 0.3511



Tritanopia

11.5795, 0.5901, 0.3298

Trichromacy



Original Color

11.1944, 0.5006, 0.2531

Protanomaly

8.6536, 0.3268, 0.2200

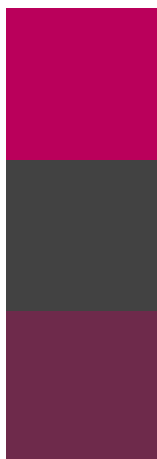
Deuteranomaly

9.2031, 0.4186, 0.2807

Tritanomaly

11.2126, 0.5677, 0.3027

Monochromacy



Original Color

11.1944, 0.5006, 0.2531

Achromatopsia

5.4480, 0.3127, 0.3290

Achromatomaly

5.4789, 0.4009, 0.2576

CSS Examples

Text

The CSS property to change the color of the text to Yxy 11.1944, 0.5006, 0.2531 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, 91)` looks like.

```
.text, #text, p{  
  color:rgb(186, 0, 91)  
}
```

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, 91) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(186, 0, 91) }
```

Border

The CSS property to change the border of an element to Yxy 11.1944, 0.5006, 0.2531 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, 91) }
```

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

```
.border{ border-color:rgb(186, 0, 91) }
```

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, 91) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(186, 0, 91); -webkit-box-  
shadow:4px 4px 4px 4px rgb(186, 0, 91);  
box-shadow:4px 4px 4px 4px rgb(186, 0, 91)  
}
```


Background

The CSS property to change the background color of an element to Yxy 11.1944, 0.5006, 0.2531 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, 91) }
```

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

```
.background{ background-color: rgb(186, 0,  
91) }
```

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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