

Converting Colors

$Y_{xy}(11.1633, 0.5075, 0.2569)$

Have a look what the booklet for
Yxy(11.1633, 0.5075, 0.2569)
contains.

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Color

Yxy(11.1437, 0.5074, 0.2569)

Conversions

Conversions Part 1

Format	Color
Hex	BA0058
RGB	186, 0, 88
RGB Percent	73%, 0%, 35%
CMY	0.2706, 0.9997, 0.6549
CMYK	0.00, 1.00, 0.53, 0.27
HSL	332°, 100%, 36%
HSV	332°, 100%, 73%
XYZ	22.0098, 11.1437, 10.2241
YIQ	65.6460, 82.6080, 66.8000

Conversions

Conversions Part 2

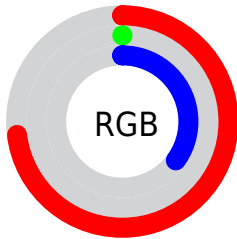
Format	Color
RYB	186, 0, 88
Decimal	12189784
CIELab	39.82, 66.43, 5.34
CIElCh	40, 66.645, 4.595
Yxy	11.1437, 0.5074, 0.2569
Android (android.graphics.Color)	4290379864 (0xFFBA0058)
YUV	65.6460, 11.0205, 105.5505
Hunter-Lab	33.3822, 59.2711, 5.2085

Details

The Yxy color **11.1437, 0.5074, 0.2569** is a dark color, and the websafe version is hex **CC0066**. A complement of this color would be **35.9978, 0.2699, 0.4915**, and the grayscale version is **5.3706, 0.3127, 0.3290**.

A 20% lighter version of the original color is **27.9779, 0.4577, 0.2760**, and **4.6100, 0.5529, 0.2820** is the 20% darker color. If you saturate the color by 10%, you get **11.1420, 0.5075, 0.2569**, and if you desaturate by 10%, it is **11.7711, 0.4821, 0.2503**.

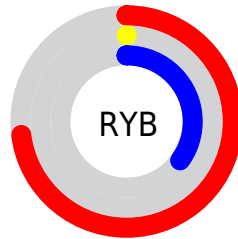
Distribution



Red (73%)

Green (0%)

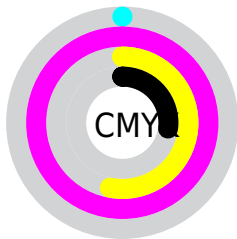
Blue (35%)



Red (73%)

Yellow (0%)

Blue (35%)

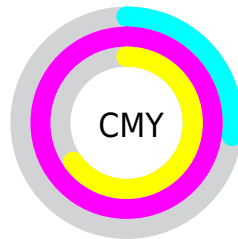


Cyan (0%)

Magenta (100%)

Yellow (53%)

Black (27%)



Cyan (27%)


Magenta (100%)

Yellow (65%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 11.1437, 0.5074, 0.2569 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 11.1437, 0.5074, 0.2569 by changing the saturation by 10% instead.


 11.1437, 0.5074,
0.2569


 11.1437, 0.5074,
0.2569


198.6508, 0.3887,
0.3025


 6.1636, 0.5465,
0.2409

 27.9256, 0.4578,
0.2765


 2.9448, 0.6031,
0.2169

 40.4961, 0.4413,
0.2829


 1.1030, 0.6905,
0.1784


 56.3656, 0.4281,
0.2879

 0.0000, 1.0000,
0.0000

 75.9184, 0.4173,
0.2920

 0.0000, 0.0000,
0.0000

 99.5389, 0.4083,
0.2953

 127.6116, 0.4007,

0.2981

160.5207, 0.3943,
0.3005

■ 11.1437, 0.5074,
0.2569

■ 11.1437, 0.5074,
0.2569

■ 11.1420, 0.5075,
0.2569

■ 11.7711, 0.4821,
0.2503

■ 12.8529, 0.4559,
0.2483

■ 14.5484, 0.4300,
0.2513

■ 16.9372, 0.4055,
0.2585

■ 20.0864, 0.3834,
0.2685

■ 24.0553, 0.3641,
0.2802

■ 28.8973, 0.3477,
0.2927

■ 34.6611, 0.3338,
0.3053

■ 41.3919, 0.3222,
0.3175

Harmonies

Analogous

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



11.1437, 0.3549, 0.1911



11.1437, 0.5074, 0.2569



11.1437, 0.5860, 0.3330

Triad

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



11.1437, 0.5074, 0.2569



11.1437, 0.3436, 0.6041



11.1437, 0.1028, 0.1581

Complementary

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



11.1437, 0.5074, 0.2569



35.9978, 0.2699, 0.4915

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.



11.1437, 0.0998, 0.2282



11.1437, 0.5074, 0.2569



11.1437, 0.2252, 0.5622

Square

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



11.1437, 0.5074, 0.2569



11.1437, 0.4670, 0.5256



11.1437, 0.1365, 0.3787



11.1437, 0.1396, 0.1375

Rectangle

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



11.1437, 0.5074, 0.2569



11.1437, 0.5768, 0.3883



11.1437, 0.1365, 0.3787



11.1437, 0.0981, 0.1745

Sweetspot

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



11.1444, 0.5074, 0.2569



51.8689, 0.3485, 0.2921



6.0405, 0.2056, 0.0907



10.5677, 0.3552, 0.2867



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.



11.1444, 0.5074, 0.2569



20.1494, 0.5112, 0.2590



10.5072, 0.6388, 0.3309



9.0810, 0.3216, 0.3182



7.5117, 0.5045, 0.2553



0.2773, 0.4451, 0.2226

Inverse Universe

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



11.1444, 0.5074, 0.2569



20.1494, 0.5112, 0.2590



37.3681, 0.2233, 0.3237



9.0810, 0.3216, 0.3182



7.5117, 0.5045, 0.2553



0.2773, 0.4451, 0.2226

Previews

White Background



This preview shows how the Yxy color 11.1437, 0.5074, 0.2569 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 11.1437, 0.5074, 0.2569

Background



This preview shows how black text looks on a background with the Yxy color 11.1437, 0.5074, 0.2569.



This preview shows how white text looks on a background with the Yxy color 11.1437, 0.5074, 0.2569.

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

11.1437, 0.5074, 0.2569

Protanopia

11.7914, 0.2628, 0.2594

Deuteranopia

11.7874, 0.3618, 0.3578



Tritanopia

11.5138, 0.5922, 0.3298

Trichromacy



Original Color

11.1437, 0.5074, 0.2569



Protanomaly

8.7091, 0.3376, 0.2277



Deuteranomaly

9.1557, 0.4253, 0.2862



Tritanomaly

11.1544, 0.5719, 0.3043

Monochromacy



Original Color

11.1437, 0.5074, 0.2569



Achromatopsia

5.4480, 0.3127, 0.3290



Achromatomaly

5.4653, 0.4036, 0.2597

CSS Examples

Text

The CSS property to change the color of the text to Yxy 11.1437, 0.5074, 0.2569 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, 88)` looks like.

```
.text, #text, p{  
  color:rgb(186, 0, 88)  
}
```

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, 88) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(186, 0, 88) }
```

Border

The CSS property to change the border of an element to Yxy 11.1437, 0.5074, 0.2569 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, 88) }
```

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

```
.border{ border-color:rgb(186, 0, 88) }
```

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, 88)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(186, 0, 88); -webkit-box-  
shadow:4px 4px 4px 4px rgb(186, 0, 88);  
box-shadow:4px 4px 4px 4px rgb(186, 0, 88)  
}
```


Background

The CSS property to change the background color of an element to Yxy 11.1437, 0.5074, 0.2569 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, 88) }
```

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

```
.background{ background-color: rgb(186, 0,  
88) }
```

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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