

Converting Colors

$Y_{xy}(11.2910, 0.2626, 0.1348)$

Have a look what the booklet for
Yxy(11.2910, 0.2626, 0.1348)
contains.

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Color

Yxy(11.2588, 0.2628, 0.1348)

Conversions

Conversions Part 1

Format	Color
Hex	9226BF
RGB	146, 38, 191
RGB Percent	57%, 15%, 75%
CMY	0.4275, 0.8509, 0.2509
CMYK	0.24, 0.80, 0.00, 0.25
HSL	282°, 67%, 45%
HSV	282°, 80%, 75%
XYZ	21.9496, 11.2588, 50.3138
YIQ	87.7340, 15.2550, 70.4790

Conversions

Conversions Part 2

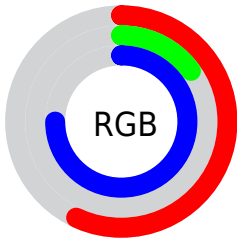
Format	Color
R_{YB}	146, 38, 191
Decimal	9578175
CIE _{Lab}	40.01, 65.33, -58.05
CIE _{LCh}	40, 87.390, 318.376
Yxy	11.2588, 0.2628, 0.1348
Android (android.graphics.Color)	4287768255 (0xFF9226BF)
YUV	87.7340, 50.9101, 51.0993
Hunter-Lab	33.5541, 58.0472, -65.4164

Details

The Yxy color **11.2588, 0.2628, 0.1348** is a dark color, and the websafe version is hex **9933CC**. A complement of this color would be **39.2488, 0.3221, 0.5605**, and the grayscale version is **9.5851, 0.3127, 0.3290**.

A 20% lighter version of the original color is **28.1641, 0.2777, 0.1696**, and **3.9014, 0.2375, 0.1082** is the 20% darker color. If you saturate the color by 10%, you get **9.8321, 0.2549, 0.1222**, and if you desaturate by 10%, it is **13.3380, 0.2708, 0.1521**.

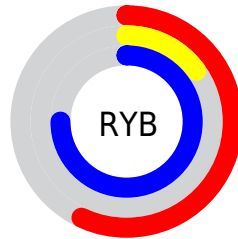
Distribution



Red (57%)

Green (15%)

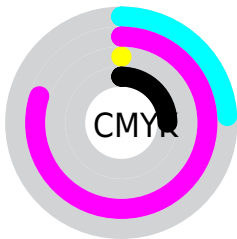
Blue (75%)



Red (57%)

Yellow (15%)

Blue (75%)

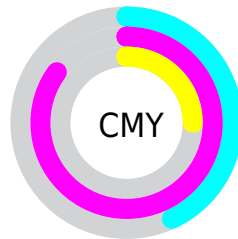


Cyan (24%)

Magenta (80%)

Yellow (0%)

Black (25%)



Cyan (43%)


Magenta (85%)


Yellow (25%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 11.2588, 0.2628, 0.1348 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 11.2588, 0.2628, 0.1348 by changing the saturation by 10% instead.


 11.2588, 0.2628,
0.1348


 11.2588, 0.2628,
0.1348

199.4346, 0.2968,
0.2322


 6.2412, 0.2513,
0.1125


 28.1377, 0.2774,
0.1692


 2.9923, 0.2347,
0.0861


 40.7679, 0.2822,
0.1825


 1.1277, 0.2103,
0.0558

 56.7043, 0.2860,
0.1939

 0.0014, 0.1773,
0.0001

 76.3314, 0.2891,
0.2037

 0.0000, 0.1109,
0.0000

 100.0336, 0.2915,
0.2122

 0.0000, 0.0000,
0.0000

 128.1952, 0.2936,

0.2197

161.2008, 0.2953,
0.2263

■ 11.2588, 0.2628,
0.1348

■ 11.2588, 0.2628,
0.1348

■ 9.8321, 0.2549,
0.1222

■ 13.3380, 0.2708,
0.1521

■ 8.8957, 0.2474,
0.1137

■ 16.1531, 0.2786,
0.1734

■ 19.7762, 0.2861,
0.1978

■ 24.2702, 0.2929,
0.2241

■ 29.6919, 0.2990,
0.2512

■ 36.0931, 0.3043,
0.2781

■ 43.5216, 0.3089,
0.3042

■ 52.0222, 0.3127,
0.3288

■ 61.6370, 0.3158,
0.3517

Harmonies

Analogous

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



11.2588, 0.1412, 0.1074



11.2588, 0.2628, 0.1348



11.2588, 0.4576, 0.1937

Triad

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



11.2588, 0.2628, 0.1348



11.2588, 0.5400, 0.4600



11.2588, 0.0751, 0.2793

Complementary

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



11.2588, 0.2628, 0.1348



39.2488, 0.3221, 0.5605

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.



11.2588, 0.1381, 0.5403



11.2588, 0.2628, 0.1348



11.2588, 0.3979, 0.6021

Square

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



11.2588, 0.2628, 0.1348



11.2588, 0.6395, 0.3525



11.2588, 0.2567, 0.6960



11.2588, 0.0636, 0.1528

Rectangle

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



11.2588, 0.2628, 0.1348



11.2588, 0.5816, 0.2443



11.2588, 0.2567, 0.6960



11.2588, 0.0888, 0.3534

Sweetspot

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



11.2592, 0.2628, 0.1348



59.5001, 0.3021, 0.2667



10.5029, 0.1795, 0.1410



12.1732, 0.3002, 0.2569



97.7402, 0.3127, 0.3290



20.4902, 0.3127, 0.3290

Same Dimension

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



11.2592, 0.2628, 0.1348



16.3528, 0.2493, 0.1159



15.0183, 0.3642, 0.1915



9.5515, 0.3092, 0.3061



5.8884, 0.2484, 0.1142



0.2628, 0.2665, 0.1242

Inverse Universe

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



13.0911, 0.5128, 0.2827



20.6287, 0.5712, 0.2944



38.1048, 0.2910, 0.5409



9.5813, 0.3243, 0.3223



7.4807, 0.5753, 0.2943



0.3049, 0.5050, 0.2555

Previews

White Background



This preview shows how the Yxy color 11.2588, 0.2628, 0.1348 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 11.2588, 0.2628, 0.1348 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

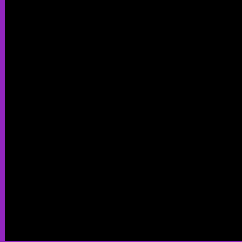
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

Yxy 11.2588, 0.2628, 0.1348

Background



This preview shows how black text looks on a background with the Yxy color 11.2588, 0.2628, 0.1348.



This preview shows how white text looks on a background with the Yxy color 11.2588, 0.2628, 0.1348.

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

11.2588, 0.2628, 0.1348

Protanopia

11.5493, 0.1747, 0.1487

Deuteranopia

11.4517, 0.1841, 0.1829



Tritanopia

11.3188, 0.3889, 0.3174

Trichromacy



Original Color

11.2588, 0.2628, 0.1348



Protanomaly

9.2419, 0.1808, 0.1246



Deuteranomaly

9.1401, 0.1875, 0.1418



Tritanomaly

10.4955, 0.3362, 0.2241

Monochromacy



Original Color

11.2588, 0.2628, 0.1348



Achromatopsia

9.7587, 0.3127, 0.3290



Achromatomaly

9.1122, 0.2916, 0.2178

CSS Examples

Text

The CSS property to change the color of the text to Yxy 11.2588, 0.2628, 0.1348 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(146, 38, 191)` looks like.

```
.text, #text, p{  
  color:rgb(146, 38, 191)  
}
```

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(146, 38, 191) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(146, 38, 191) }
```

Border

The CSS property to change the border of an element to Yxy 11.2588, 0.2628, 0.1348 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(146, 38, 191) }
```

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

```
.border{ border-color:rgb(146, 38, 191) }
```

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

Here you see how a box with a 4 pixel rgb(146, 38, 191) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(146, 38, 191); -webkit-box-  
shadow:4px 4px 4px 4px rgb(146, 38, 191);  
box-shadow:4px 4px 4px 4px rgb(146, 38,  
191) }
```


Background

The CSS property to change the background color of an element to Yxy 11.2588, 0.2628, 0.1348 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(146, 38, 191) }
```

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

```
.background{ background-color: rgb(146, 38,  
191) }
```

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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