

Converting Colors

$Y_{xy}(11.9031, 0.2578, 0.1525)$

Have a look what the booklet for
Yxy(11.9031, 0.2578, 0.1525)
contains.

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Color

Yxy(11.9325, 0.2575, 0.1528)

Conversions

Conversions Part 1

Format	Color
Hex	863EB7
RGB	134, 62, 183
RGB Percent	53%, 24%, 72%
CMY	0.4743, 0.7570, 0.2823
CMYK	0.27, 0.66, 0.00, 0.28
HSL	276°, 49%, 48%
HSV	276°, 66%, 72%
XYZ	20.1088, 11.9325, 46.0510
YIQ	97.3220, 4.0710, 52.8950

Conversions

Conversions Part 2

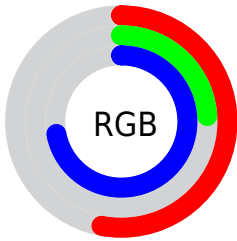
Format	Color
R_{YB}	134, 62, 183
Decimal	8797879
CIE _{Lab}	41.11, 51.78, -51.66
CIE _{LCh}	41, 73.142, 315.062
Yxy	11.9325, 0.2575, 0.1528
Android (android.graphics.Color)	4286987959 (0xFF863EB7)
YUV	97.3220, 42.2393, 32.1666
Hunter-Lab	34.5435, 43.4591, -54.8610

Details

The Yxy color **11.9325, 0.2575, 0.1528** is a dark color, and the websafe version is hex **663399**. A complement of this color would be **37.5947, 0.3360, 0.5188**, and the grayscale version is **11.9288, 0.3127, 0.3290**.

A 20% lighter version of the original color is **29.4023, 0.2728, 0.1855**, and **3.2690, 0.2286, 0.1038** is the 20% darker color. If you saturate the color by 10%, you get **9.6807, 0.2466, 0.1316**, and if you desaturate by 10%, it is **14.8976, 0.2682, 0.1776**.

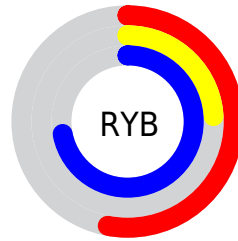
Distribution



Red (53%)

Green (24%)

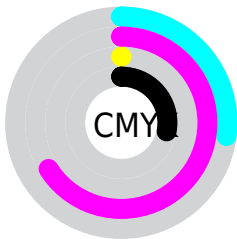
Blue (72%)



Red (53%)

Yellow (24%)

Blue (72%)

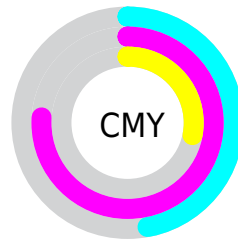


Cyan (27%)

Magenta (66%)

Yellow (0%)

Black (28%)



Cyan (47%)


Magenta (76%)


Yellow (28%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 11.9325, 0.2575, 0.1528 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 11.9325, 0.2575, 0.1528 by changing the saturation by 10% instead.


 11.9325, 0.2575,
0.1528


 11.9325, 0.2575,
0.1528


203.9579, 0.2932,
0.2438


 6.6977, 0.2457,
0.1308


 29.3721, 0.2726,
0.1858


 3.2738, 0.2288,
0.1038


 42.3457, 0.2776,
0.1983


 1.2763, 0.2038,
0.0713

 58.6678, 0.2816,
0.2088

 0.1227, 0.1689,
0.0138

 78.7226, 0.2849,
0.2179

 0.0000, 0.0846,
0.0000

 102.8947, 0.2875,
0.2257

 0.0000, 0.0000,
0.0000

131.5683, 0.2898,

0.2325

165.1279, 0.2916,
0.2385

■ 11.9325, 0.2575,
0.1528

■ 11.9325, 0.2575,
0.1528

■ 9.6807, 0.2466,
0.1316

■ 14.8976, 0.2682,
0.1776

■ 8.0697, 0.2360,
0.1151

■ 18.6364, 0.2783,
0.2047

■ 7.0075, 0.2260,
0.1036

■ 23.2038, 0.2876,
0.2329

■ 6.6705, 0.2223,
0.0998

■ 28.6497, 0.2959,
0.2610

■ 35.0196, 0.3032,
0.2883

■ 42.3559, 0.3094,
0.3141

■ 50.6984, 0.3146,
0.3380

■ 60.0845, 0.3190,
0.3599

■ 70.5498, 0.3226,
0.3798

Harmonies

Analogous

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



11.9325, 0.1542, 0.1298



11.9325, 0.2575, 0.1528



11.9325, 0.4163, 0.2054

Triad

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



11.9325, 0.2575, 0.1528



11.9325, 0.5422, 0.4572



11.9325, 0.1079, 0.3131

Complementary

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



11.9325, 0.2575, 0.1528



37.5947, 0.3360, 0.5188

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.



11.9325, 0.1794, 0.5209



11.9325, 0.2575, 0.1528



11.9325, 0.4272, 0.5720

Square

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



11.9325, 0.2575, 0.1528



11.9325, 0.6013, 0.3572



11.9325, 0.2953, 0.6309



11.9325, 0.0878, 0.1874

Rectangle

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



11.9325, 0.2575, 0.1528



11.9325, 0.5228, 0.2527



11.9325, 0.2953, 0.6309



11.9325, 0.1252, 0.3775

Sweetspot

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



11.9329, 0.2575, 0.1528



57.7293, 0.3002, 0.2770



16.1187, 0.2058, 0.2026



12.0511, 0.2982, 0.2694



93.3107, 0.3127, 0.3290



18.7317, 0.3127, 0.3290

Same Dimension

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



11.9329, 0.2575, 0.1528



16.0039, 0.2422, 0.1242



16.5240, 0.3329, 0.1911



8.9767, 0.3075, 0.3060



4.6935, 0.2234, 0.1004



0.2006, 0.2486, 0.1143

Inverse Universe

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



14.6556, 0.4358, 0.2648



21.7900, 0.4781, 0.2615



35.3644, 0.2983, 0.5250



9.0708, 0.3226, 0.3198



7.3810, 0.5328, 0.2709



0.2725, 0.4653, 0.2337

Previews

White Background



This preview shows how the Yxy color 11.9325, 0.2575, 0.1528 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 11.9325, 0.2575, 0.1528 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

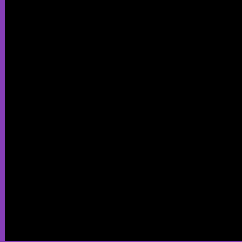
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

Yxy 11.9325, 0.2575, 0.1528

Background



This preview shows how black text looks on a background with the Yxy color 11.9325, 0.2575, 0.1528.



This preview shows how white text looks on a background with the Yxy color 11.9325, 0.2575, 0.1528.

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

11.9325, 0.2575, 0.1528

Protanopia

12.1289, 0.1744, 0.1478

Deuteranopia

12.0905, 0.1839, 0.1799



Tritanopia

11.9112, 0.3510, 0.3145

Trichromacy



Original Color

11.9325, 0.2575, 0.1528

Protanomaly

10.5378, 0.1825, 0.1383

Deuteranomaly

10.6403, 0.1907, 0.1575

Tritanomaly

11.4356, 0.3108, 0.2369

Monochromacy



Original Color

11.9325, 0.2575, 0.1528

Achromatopsia

11.9538, 0.3127, 0.3290

Achromatomaly

11.2142, 0.2897, 0.2407

CSS Examples

Text

The CSS property to change the color of the text to Yxy 11.9325, 0.2575, 0.1528 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(134, 62, 183)` looks like.

```
.text, #text, p{  
    color:rgb(134, 62, 183)  
}
```

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(134, 62, 183) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(134, 62, 183) }
```

Border

The CSS property to change the border of an element to Yxy 11.9325, 0.2575, 0.1528 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(134, 62, 183) }
```

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

```
.border{ border-color:rgb(134, 62, 183) }
```

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

Here you see how a box with a 4 pixel rgb(134, 62, 183) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(134, 62, 183); -webkit-box-  
shadow:4px 4px 4px 4px rgb(134, 62, 183);  
box-shadow:4px 4px 4px 4px rgb(134, 62,  
183) }
```


Background

The CSS property to change the background color of an element to Yxy 11.9325, 0.2575, 0.1528 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(134, 62, 183) }
```

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

```
.background{ background-color: rgb(134, 62,  
183) }
```

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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