

Converting Colors

$Y_{xy}(11.6992, 0.2659, 0.1264)$

Have a look what the booklet for
Yxy(11.6992, 0.2659, 0.1264)
contains.

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Color

Yxy(11.6992, 0.2659, 0.1264)

Conversions

Conversions Part 1

Format	Color
Hex	9D0EC9
RGB	157, 14, 201
RGB Percent	62%, 5%, 79%
CMY	0.3842, 0.9456, 0.2116
CMYK	0.22, 0.93, 0.00, 0.21
HSL	286°, 87%, 42%
HSV	286°, 93%, 79%
XYZ	24.6109, 11.6992, 56.2469
YIQ	78.0750, 25.2010, 88.4730

Conversions

Conversions Part 2

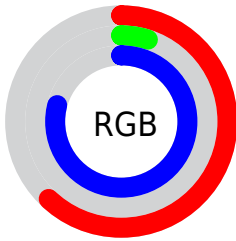
Format	Color
R_{YB}	157, 14, 201
Decimal	10292937
CIE _{Lab}	40.73, 74.15, -62.66
CIE _{LCh}	41, 97.075, 319.800
Yxy	11.6992, 0.2659, 0.1264
Android (android.graphics.Color)	4288483017 (0xFF9D0EC9)
YUV	78.0750, 60.6020, 69.2172
Hunter-Lab	34.2041, 68.5791, -73.5565

Details

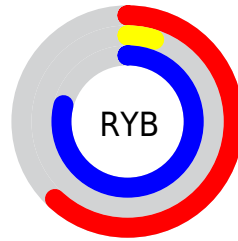
The Yxy color **11.6992, 0.2659, 0.1264** is a dark color, and the websafe version is hex **9900CC**. The color can be described as dark washed purple. A complement of this color would be **42.7219, 0.3116, 0.5861**, and the grayscale version is **7.5001, 0.3127, 0.3290**.

A 20% lighter version of the original color is **28.6353, 0.2829, 0.1628**, and **4.7280, 0.2424, 0.1109** is the 20% darker color. If you saturate the color by 10%, you get **11.0654, 0.2617, 0.1215**, and if you desaturate by 10%, it is **13.0165, 0.2722, 0.1364**.

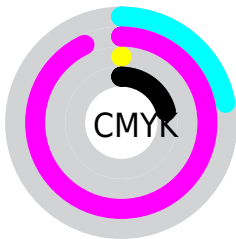
Distribution



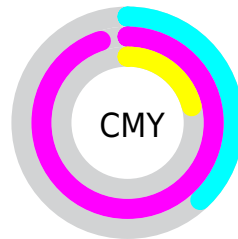
- Red (62%)
- Green (5%)
- Blue (79%)



- Red (62%)
- Yellow (5%)
- Blue (79%)



- Cyan (22%)
- Magenta (93%)
- Yellow (0%)
- Black (21%)




- Cyan (38%)
- Magenta (95%)
- Yellow (21%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 11.6992, 0.2659, 0.1264 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 11.6992, 0.2659, 0.1264 by changing the saturation by 10% instead.


 11.6992, 0.2659,
0.1264


 11.6992, 0.2659,
0.1264


202.4036, 0.2985,
0.2252


 6.5392, 0.2548,
0.1047


 28.9461, 0.2800,
0.1606


 3.1756, 0.2391,
0.0795


 41.8017, 0.2846,
0.1740


 1.2241, 0.2161,
0.0512

 57.9914, 0.2882,
0.1856

 0.0813, 0.1846,
0.0063

 77.8994, 0.2912,
0.1957

 0.0000, 0.1303,
0.0000

 101.9103, 0.2935,
0.2045

 0.0000, 0.0000,
0.0000

 130.4084, 0.2955,

0.2122

163.7780, 0.2971,
0.2191

■ 11.6992, 0.2659,
0.1264

■ 11.6992, 0.2659,
0.1264

■ 11.0654, 0.2617,
0.1215

■ 13.0165, 0.2722,
0.1364

■ 15.0230, 0.2785,
0.1511

■ 17.8217, 0.2847,
0.1700

■ 21.4975, 0.2907,
0.1925

■ 26.1245, 0.2961,
0.2174

■ 31.7689, 0.3010,
0.2437

■ 38.4906, 0.3053,
0.2703

■ 46.3450, 0.3089,
0.2965

■ 55.3838, 0.3119,
0.3215

Harmonies

Analogous

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



11.6992, 0.1352, 0.0975



11.6992, 0.2659, 0.1264



11.6992, 0.4800, 0.1878

Triad

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



11.6992, 0.2659, 0.1264



11.6992, 0.5382, 0.4618



11.6992, 0.0610, 0.2610

Complementary

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



11.6992, 0.2659, 0.1264



42.7219, 0.3116, 0.5861

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.



11.6992, 0.1178, 0.5480



11.6992, 0.2659, 0.1264



11.6992, 0.3813, 0.6187

Square

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



11.6992, 0.2659, 0.1264



11.6992, 0.6533, 0.3467



11.6992, 0.2353, 0.7316



11.6992, 0.0535, 0.1369

Rectangle

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



11.6992, 0.2659, 0.1264



11.6992, 0.6116, 0.2390



11.6992, 0.2353, 0.7316



11.6992, 0.0726, 0.3386

Sweetspot

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



11.6996, 0.2659, 0.1264



59.5479, 0.3031, 0.2563



7.6128, 0.1627, 0.1000



11.7123, 0.3012, 0.2446



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

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



11.6996, 0.2659, 0.1264



18.8251, 0.2609, 0.1211



15.0756, 0.3901, 0.1953



10.6861, 0.3101, 0.3060



6.9975, 0.2625, 0.1220



0.3627, 0.2753, 0.1290

Inverse Universe

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



13.0386, 0.5785, 0.3015



21.5860, 0.6020, 0.3090



42.2198, 0.2902, 0.5593



10.6771, 0.3253, 0.3236



7.9501, 0.5954, 0.3054



0.3881, 0.5348, 0.2720

Previews

White Background



This preview shows how the Yxy color 11.6992, 0.2659, 0.1264 looks on a white background.

Color Contrast Check

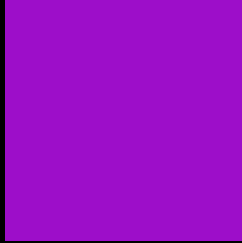
Large Text (above 18pt) WCAG AA ✓ Pass

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 11.6992, 0.2659, 0.1264 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

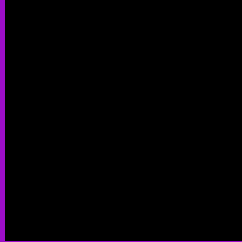
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

Yxy 11.6992, 0.2659, 0.1264

Background



This preview shows how black text looks on a background with the Yxy color 11.6992, 0.2659, 0.1264.



This preview shows how white text looks on a background with the Yxy color 11.6992, 0.2659, 0.1264.

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

11.6992, 0.2659, 0.1264

Protanopia

12.0826, 0.1746, 0.1486

Deuteranopia

12.1315, 0.1848, 0.1853



Tritanopia

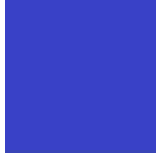
11.8233, 0.4106, 0.3183

Trichromacy



Original Color

11.6992, 0.2659, 0.1264



Protanomaly

8.7740, 0.1788, 0.1130



Deuteranomaly

8.5450, 0.1853, 0.1281



Tritanomaly

10.3757, 0.3508, 0.2135

Monochromacy



Original Color

11.6992, 0.2659, 0.1264



Achromatopsia

7.6185, 0.3127, 0.3290



Achromatomaly

7.2882, 0.2907, 0.1925

CSS Examples

Text

The CSS property to change the color of the text to Yxy 11.6992, 0.2659, 0.1264 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(157, 14, 201)` looks like.

```
.text, #text, p{  
    color:rgb(157, 14, 201)  
}
```

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(157, 14, 201) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(157, 14, 201) }
```

Border

The CSS property to change the border of an element to Yxy 11.6992, 0.2659, 0.1264 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(157, 14, 201) }
```

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

```
.border{ border-color:rgb(157, 14, 201) }
```

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

Here you see how a box with a 4 pixel `rgb(157, 14, 201)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(157, 14, 201); -webkit-box-  
shadow:4px 4px 4px 4px rgb(157, 14, 201);  
box-shadow:4px 4px 4px 4px rgb(157, 14,  
201) }
```


Background

The CSS property to change the background color of an element to Yxy 11.6992, 0.2659, 0.1264 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(157, 14, 201) }
```

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

```
.background{ background-color: rgb(157, 14,  
201) }
```

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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