

Converting Colors

$Y_{xy}(11.3506, 0.2811, 0.1322)$

Have a look what the booklet for
Yxy(11.3506, 0.2811, 0.1322)
contains.

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Color

Yxy(11.3387, 0.2814, 0.1324)

Conversions

Conversions Part 1

Format	Color
Hex	A100BF
RGB	161, 0, 191
RGB Percent	63%, 0%, 75%
CMY	0.3687, 0.9996, 0.2510
CMYK	0.16, 1.00, 0.00, 0.25
HSL	291°, 100%, 37%
HSV	291°, 100%, 75%
XYZ	24.0990, 11.3387, 50.2020
YIQ	69.9130, 34.6450, 93.5330

Conversions

Conversions Part 2

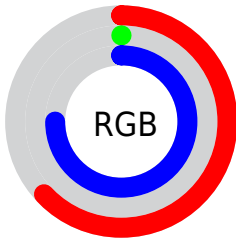
Format	Color
R_{YB}	161, 0, 191
Decimal	10551487
CIE _{Lab}	40.15, 74.46, -57.71
CIE _{LCh}	40, 94.202, 322.224
Yxy	11.3387, 0.2814, 0.1324
Android (android.graphics.Color)	4288741567 (0xFFA100BF)
YUV	69.9130, 59.6959, 79.8833
Hunter-Lab	33.6730, 68.8208, -64.8225

Details

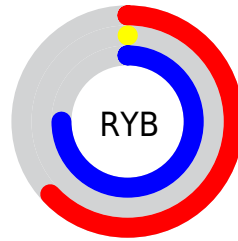
The Yxy color **11.3387, 0.2814, 0.1324** is a dark color, and the websafe version is hex **9900CC**. A complement of this color would be **37.5344, 0.3045, 0.5964**, and the grayscale version is **6.0138, 0.3127, 0.3290**.

A 20% lighter version of the original color is **28.3336, 0.2926, 0.1670**, and **4.6611, 0.2617, 0.1215** is the 20% darker color. If you saturate the color by 10%, you get **11.3354, 0.2814, 0.1324**, and if you desaturate by 10%, it is **12.1251, 0.2855, 0.1388**.

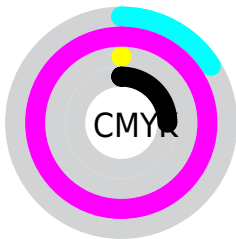
Distribution



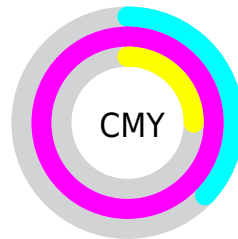
- Red (63%)
- Green (0%)
- Blue (75%)



- Red (63%)
- Yellow (0%)
- Blue (75%)



- Cyan (16%)
- Magenta (100%)
- Yellow (0%)
- Black (25%)




- Cyan (37%)
- Magenta (100%)
- Yellow (25%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 11.3387, 0.2814, 0.1324 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 11.3387, 0.2814, 0.1324 by changing the saturation by 10% instead.


 11.3387, 0.2814,
0.1324


 11.3387, 0.2814,
0.1324

199.9767, 0.3055,
0.2299


 6.2951, 0.2724,
0.1104


 28.2848, 0.2924,
0.1666


 3.0254, 0.2590,
0.0844


 40.9561, 0.2958,
0.1799


 1.1450, 0.2384,
0.0548

 56.9388, 0.2985,
0.1913

 0.0161, 0.2103,
0.0015

 76.6173, 0.3005,
0.2011

 0.0000, 0.1526,
0.0000

 100.3759, 0.3022,
0.2097

 0.0000, 0.0000,
0.0000

 128.5991, 0.3035,

0.2173

161.6712, 0.3046,
0.2239

■ 11.3387, 0.2814,
0.1324

■ 11.3387, 0.2814,
0.1324

■ 11.3354, 0.2814,
0.1324

■ 12.1251, 0.2855,
0.1388

■ 13.3810, 0.2896,
0.1488

■ 15.2719, 0.2937,
0.1633

■ 17.8819, 0.2975,
0.1819

■ 21.2824, 0.3011,
0.2037

■ 25.5358, 0.3043,
0.2279

■ 30.6984, 0.3070,
0.2534

■ 36.8217, 0.3093,
0.2793

■ 43.9533, 0.3112,
0.3047

Harmonies

Analogous

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



11.3387, 0.1448, 0.1009



11.3387, 0.2814, 0.1324



11.3387, 0.4952, 0.1958

Triad

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



11.3387, 0.2814, 0.1324



11.3387, 0.5258, 0.4742



11.3387, 0.0616, 0.2477

Complementary

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



11.3387, 0.2814, 0.1324



37.5344, 0.3045, 0.5964

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.



11.3387, 0.1140, 0.5173



11.3387, 0.2814, 0.1324



11.3387, 0.3708, 0.6292

Square

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



11.3387, 0.2814, 0.1324



11.3387, 0.6435, 0.3565



11.3387, 0.2275, 0.7213



11.3387, 0.0564, 0.1342

Rectangle

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



11.3387, 0.2814, 0.1324



11.3387, 0.6181, 0.2472



11.3387, 0.2275, 0.7213



11.3387, 0.0721, 0.3189

Sweetspot

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



11.3392, 0.2814, 0.1324



54.4594, 0.3069, 0.2521



4.7901, 0.1540, 0.0744



11.0552, 0.3057, 0.2411



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.



11.3392, 0.2814, 0.1324



20.2162, 0.2808, 0.1320



12.6187, 0.4276, 0.2129



9.6183, 0.3113, 0.3062



7.4793, 0.2819, 0.1327



0.3137, 0.2918, 0.1381

Inverse Universe

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



11.1713, 0.6181, 0.3179



19.9835, 0.6211, 0.3195



37.6244, 0.2866, 0.5516



9.5602, 0.3264, 0.3254



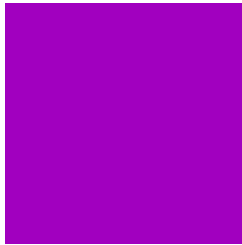
7.3488, 0.6156, 0.3165



0.2957, 0.5573, 0.2844

Previews

White Background



This preview shows how the Yxy color 11.3387, 0.2814, 0.1324 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 11.3387, 0.2814, 0.1324 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

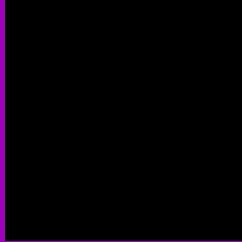
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

Yxy 11.3387, 0.2814, 0.1324

Background



This preview shows how black text looks on a background with the Yxy color 11.3387, 0.2814, 0.1324.



This preview shows how white text looks on a background with the Yxy color 11.3387, 0.2814, 0.1324.

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

11.3387, 0.2814, 0.1324

Protanopia

12.0366, 0.1749, 0.1495

Deuteranopia

11.9797, 0.1839, 0.1821



Tritanopia

11.7223, 0.4327, 0.3206

Trichromacy



Original Color

11.3387, 0.2814, 0.1324



Protanomaly

8.1017, 0.1796, 0.1097



Deuteranomaly

7.7801, 0.1857, 0.1222



Tritanomaly

10.0493, 0.3736, 0.2182

Monochromacy



Original Color

11.3387, 0.2814, 0.1324



Achromatopsia

6.1246, 0.3127, 0.3290



Achromatomaly

5.9752, 0.2980, 0.1861

CSS Examples

Text

The CSS property to change the color of the text to Yxy 11.3387, 0.2814, 0.1324 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(161, 0, 191)` looks like.

```
.text, #text, p{  
    color:rgb(161, 0, 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(161, 0, 191) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(161, 0, 191) }
```

Border

The CSS property to change the border of an element to Yxy 11.3387, 0.2814, 0.1324 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(161, 0, 191) }
```

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

```
.border{ border-color:rgb(161, 0, 191) }
```

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

Here you see how a box with a 4 pixel `rgb(161, 0, 191)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(161, 0, 191); -webkit-box-  
shadow:4px 4px 4px 4px rgb(161, 0, 191);  
box-shadow:4px 4px 4px 4px rgb(161, 0,  
191) }
```


Background

The CSS property to change the background color of an element to Yxy 11.3387, 0.2814, 0.1324 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(161, 0, 191) }
```

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

```
.background{ background-color: rgb(161, 0,  
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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