

Converting Colors

$Y_{xy}(11.0979, 0.3160, 0.1624)$

Have a look what the booklet for
Yxy(11.0979, 0.3160, 0.1624)
contains.

Yxy(11.0979, 0.3160, 0.1624)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(11.0979, 0.3160, 0.1624)

Conversions

Conversions Part 1

Format	Color
Hex	A01FA3
RGB	160, 31, 163
RGB Percent	63%, 12%, 64%
CMY	0.3726, 0.8782, 0.3609
CMYK	0.02, 0.81, 0.00, 0.36
HSL	299°, 68%, 38%
HSV	299°, 81%, 64%
XYZ	21.5944, 11.0979, 35.6445
YIQ	84.6190, 34.5120, 68.4000

Conversions

Conversions Part 2

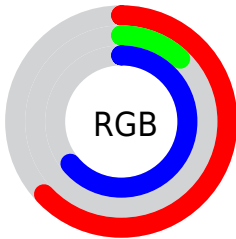
Format	Color
R_{YB}	160, 31, 163
Decimal	10493859
CIE _{Lab}	39.74, 64.82, -41.73
CIE _{LCh}	40, 77.088, 327.228
Yxy	11.0979, 0.3160, 0.1624
Android (android.graphics.Color)	4288683939 (0xFFA01FA3)
YUV	84.6190, 38.6418, 66.1091
Hunter-Lab	33.3135, 57.4084, -40.1191

Details

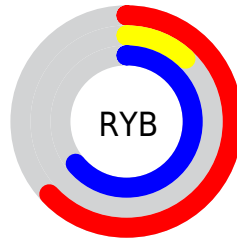
The Yxy color **11.0979, 0.3160, 0.1624** is a dark color, and the websafe version is hex **990099**. A complement of this color would be **26.6271, 0.3022, 0.5747**, and the grayscale version is **8.9184, 0.3127, 0.3290**.

A 20% lighter version of the original color is **27.8486, 0.3180, 0.1941**, and **4.0688, 0.3079, 0.1470** is the 20% darker color. If you saturate the color by 10%, you get **10.4125, 0.3157, 0.1551**, and if you desaturate by 10%, it is **12.2149, 0.3161, 0.1739**.

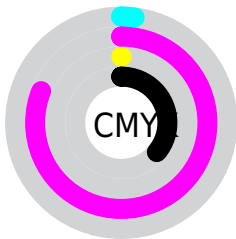
Distribution



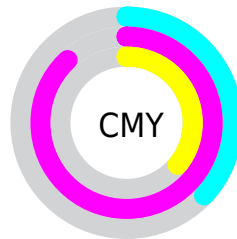
- Red (63%)
- Green (12%)
- Blue (64%)



- Red (63%)
- Yellow (12%)
- Blue (64%)



- Cyan (2%)
- Magenta (81%)
- Yellow (0%)
- Black (36%)




- Cyan (37%)
- Magenta (88%)
- Yellow (36%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 11.0979, 0.3160, 0.1624 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 11.0979, 0.3160, 0.1624 by changing the saturation by 10% instead.


 11.0979, 0.3160,
0.1624


 11.0979, 0.3160,
0.1624


198.3380, 0.3188,
0.2499


 6.1327, 0.3131,
0.1404


 27.8411, 0.3185,
0.1946


 2.9260, 0.3076,
0.1128


 40.3878, 0.3189,
0.2067


 1.0932, 0.2968,
0.0786

 56.2306, 0.3192,
0.2168

 0.0000, 0.2854,
0.0000

 75.7537, 0.3192,
0.2254

 0.0000, 0.2117,
0.0000

 99.3416, 0.3192,
0.2328

 0.0000, 0.0000,
0.0000

 127.3787, 0.3191,

0.2392

160.2494, 0.3190,
0.2449

■ 11.0979, 0.3160,
0.1624

■ 11.0979, 0.3160,
0.1624

■ 10.4125, 0.3157,
0.1551

■ 12.2149, 0.3161,
0.1739

■ 10.0435, 0.3153,
0.1511

■ 13.8192, 0.3161,
0.1894

■ 15.9597, 0.3158,
0.2084

■ 18.6790, 0.3154,
0.2301

■ 22.0155, 0.3149,
0.2536

■ 26.0042, 0.3142,
0.2781

■ 30.6775, 0.3135,
0.3027

■ 36.0657, 0.3128,
0.3268

■ 42.1972, 0.3120,
0.3498

Harmonies

Analogous

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



11.0979, 0.1813, 0.1264



11.0979, 0.3160, 0.1624



11.0979, 0.4963, 0.2268

Triad

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



11.0979, 0.3160, 0.1624



11.0979, 0.4988, 0.5012



11.0979, 0.0841, 0.2422

Complementary

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



11.0979, 0.3160, 0.1624



26.6271, 0.3022, 0.5747

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.



11.0979, 0.1317, 0.4415



11.0979, 0.3160, 0.1624



11.0979, 0.3712, 0.6288

Square

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



11.0979, 0.3160, 0.1624



11.0979, 0.6002, 0.3906



11.0979, 0.2361, 0.6380



11.0979, 0.0807, 0.1504

Rectangle

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



11.0979, 0.3160, 0.1624



11.0979, 0.5884, 0.2776



11.0979, 0.2361, 0.6380



11.0979, 0.0938, 0.2958

Sweetspot

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



11.0984, 0.3160, 0.1624



43.9494, 0.3145, 0.2695



4.1642, 0.1658, 0.0886



9.3266, 0.3147, 0.2612



82.7571, 0.3127, 0.3290



14.7319, 0.3127, 0.3290

Same Dimension

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



11.0984, 0.3160, 0.1624



18.1381, 0.3154, 0.1520



9.7146, 0.4378, 0.2368



7.1940, 0.3134, 0.3068



7.8106, 0.3154, 0.1511



0.1665, 0.3175, 0.1523

Inverse Universe

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



8.8827, 0.5848, 0.3271



14.1071, 0.6337, 0.3289



27.2627, 0.2712, 0.4734



7.0884, 0.3281, 0.3285



6.0588, 0.6369, 0.3282



0.1280, 0.6220, 0.3200

Previews

White Background



This preview shows how the Yxy color 11.0979, 0.3160, 0.1624 looks on a white background.

Color Contrast Check

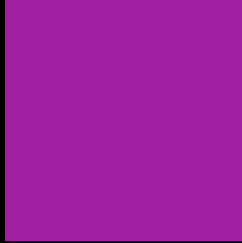
Large Text (above 18pt) WCAG AA ✓ Pass

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 11.0979, 0.3160, 0.1624 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

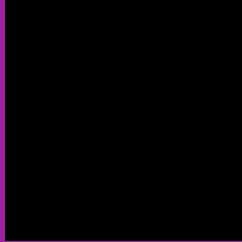
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

Yxy 11.0979, 0.3160, 0.1624

Background



This preview shows how black text looks on a background with the Yxy color 11.0979, 0.3160, 0.1624.



This preview shows how white text looks on a background with the Yxy color 11.0979, 0.3160, 0.1624.

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

11.0979, 0.3160, 0.1624

Protanopia

11.3772, 0.1742, 0.1470

Deuteranopia

11.4473, 0.2119, 0.2069



Tritanopia

11.2213, 0.4577, 0.3228

Trichromacy



Original Color

11.0979, 0.3160, 0.1624



Protanomaly

8.5747, 0.1859, 0.1284



Deuteranomaly

9.5558, 0.2369, 0.1712



Tritanomaly

10.6430, 0.4049, 0.2492

Monochromacy



Original Color

11.0979, 0.3160, 0.1624



Achromatopsia

9.0842, 0.3127, 0.3290



Achromatomaly

8.4176, 0.3156, 0.2299

CSS Examples

Text

The CSS property to change the color of the text to Yxy 11.0979, 0.3160, 0.1624 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(160, 31, 163)` looks like.

```
.text, #text, p{  
    color:rgb(160, 31, 163)  
}
```

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(160, 31, 163) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(160, 31, 163) }
```

Border

The CSS property to change the border of an element to Yxy 11.0979, 0.3160, 0.1624 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(160, 31, 163) }
```

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

```
.border{ border-color:rgb(160, 31, 163) }
```

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

Here you see how a box with a 4 pixel `rgb(160, 31, 163)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(160, 31, 163); -webkit-box-  
shadow:4px 4px 4px 4px rgb(160, 31, 163);  
box-shadow:4px 4px 4px 4px rgb(160, 31,  
163) }
```


Background

The CSS property to change the background color of an element to Yxy 11.0979, 0.3160, 0.1624 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(160, 31, 163) }
```

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

```
.background{ background-color: rgb(160, 31,  
163) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor