

Converting Colors

$Y_{xy}(10.2783, 0.3658, 0.1929)$

Have a look what the booklet for
Yxy(10.2783, 0.3658, 0.1929)
contains.

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Color

Yxy(10.2783, 0.3658, 0.1929)

Conversions

Conversions Part 1

Format	Color
Hex	A11F86
RGB	161, 31, 134
RGB Percent	63%, 12%, 53%
CMY	0.3686, 0.8784, 0.4745
CMYK	0.00, 0.81, 0.17, 0.37
HSL	312°, 68%, 38%
HSV	312°, 81%, 63%
XYZ	19.4909, 10.2783, 23.5138
YIQ	81.6120, 44.4170, 59.5930

Conversions

Conversions Part 2

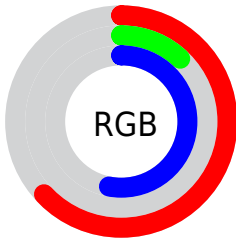
Format	Color
R_{YB}	161, 31, 134
Decimal	10559366
CIE _{Lab}	38.34, 60.64, -26.31
CIE _{LCh}	38, 66.098, 336.547
Yxy	10.2783, 0.3658, 0.1929
Android (android.graphics.Color)	4288749446 (0xFFA11F86)
YUV	81.6120, 25.8273, 69.6233
Hunter-Lab	32.0598, 52.4155, -21.0436

Details

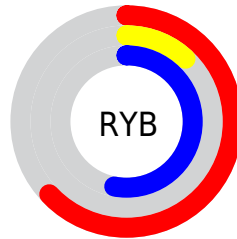
The Yxy color **10.2783, 0.3658, 0.1929** is a dark color, and the websafe version is hex **993399**. A complement of this color would be **26.0857, 0.2904, 0.5383**, and the grayscale version is **8.2985, 0.3127, 0.3290**.

A 20% lighter version of the original color is **26.3452, 0.3542, 0.2216**, and **3.6434, 0.3756, 0.1843** is the 20% darker color. If you saturate the color by 10%, you get **9.5456, 0.3737, 0.1883**, and if you desaturate by 10%, it is **11.4350, 0.3577, 0.2019**.

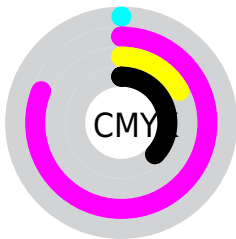
Distribution



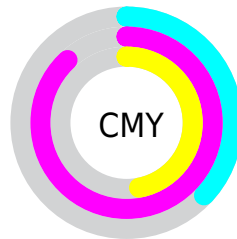
- Red (63%)
- Green (12%)
- Blue (53%)



- Red (63%)
- Yellow (12%)
- Blue (53%)



- Cyan (0%)
- Magenta (81%)
- Yellow (17%)
- Black (37%)




- Cyan (37%)
- Magenta (88%)
- Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 10.2783, 0.3658, 0.1929 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 10.2783, 0.3658, 0.1929 by changing the saturation by 10% instead.


 10.2783, 0.3658,
0.1929


 10.2783, 0.3658,
0.1929


192.6470, 0.3370,
0.2682


 5.5839, 0.3735,
0.1719


 26.3177, 0.3549,
0.2220


 2.5937, 0.3835,
0.1440


 38.4314, 0.3509,
0.2324


 0.9235, 0.3963,
0.1061

 53.7870, 0.3476,
0.2410

 0.0000, 0.4356,
0.0000

 72.7688, 0.3448,
0.2482

 0.0000, 0.3687,
0.0000

 95.7614, 0.3424,
0.2543

 0.0000, 0.0000,
0.0000

 123.1490, 0.3403,

0.2596

155.3160, 0.3386,
0.2642

■ 10.2783, 0.3658,
0.1929

■ 10.2783, 0.3658,
0.1929

■ 9.5456, 0.3737,
0.1883

■ 11.4350, 0.3577,
0.2019

■ 9.1239, 0.3809,
0.1872

■ 13.0692, 0.3497,
0.2149

■ 15.2284, 0.3421,
0.2310

■ 17.9539, 0.3349,
0.2493

■ 21.2827, 0.3284,
0.2688

■ 25.2489, 0.3226,
0.2888

■ 29.8838, 0.3174,
0.3085

■ 35.2168, 0.3130,
0.3276

■ 41.2756, 0.3092,
0.3458

Harmonies

Analogous

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



10.2783, 0.2260, 0.1492



10.2783, 0.3658, 0.1929



10.2783, 0.5193, 0.2603

Triad

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



10.2783, 0.3658, 0.1929



10.2783, 0.4621, 0.5363



10.2783, 0.0964, 0.2194

Complementary

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



10.2783, 0.3658, 0.1929



26.0857, 0.2904, 0.5383

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.



10.2783, 0.1299, 0.3666



10.2783, 0.3658, 0.1929



10.2783, 0.3346, 0.6114

Square

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



10.2783, 0.3658, 0.1929



10.2783, 0.5578, 0.4264



10.2783, 0.2159, 0.5581



10.2783, 0.1018, 0.1531

Rectangle

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



10.2783, 0.3658, 0.1929



10.2783, 0.5805, 0.3109



10.2783, 0.2159, 0.5581



10.2783, 0.1025, 0.2581

Sweetspot

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



10.2788, 0.3658, 0.1929



42.4460, 0.3246, 0.2813



4.4238, 0.1826, 0.0938



8.7911, 0.3266, 0.2746



80.7346, 0.3127, 0.3290



13.9985, 0.3127, 0.3290

Same Dimension

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



10.2788, 0.3658, 0.1929



16.4956, 0.3798, 0.1878



8.9996, 0.5097, 0.2815



7.1769, 0.3168, 0.3114



7.2933, 0.3803, 0.1868



0.1593, 0.3552, 0.1731

Inverse Universe

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



10.2788, 0.3658, 0.1929



16.4956, 0.3798, 0.1878



27.1854, 0.2519, 0.4071



7.1769, 0.3168, 0.3114



7.2933, 0.3803, 0.1868



0.1593, 0.3552, 0.1731

Previews

White Background



This preview shows how the Yxy color 10.2783, 0.3658, 0.1929 looks on a white background.

Color Contrast Check

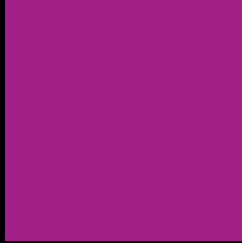
Large Text (above 18pt) WCAG AA ✓ Pass

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 10.2783, 0.3658, 0.1929 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

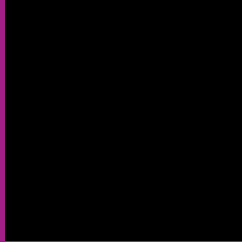
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

Yxy 10.2783, 0.3658, 0.1929

Background



This preview shows how black text looks on a background with the Yxy color 10.2783, 0.3658, 0.1929.



This preview shows how white text looks on a background with the Yxy color 10.2783, 0.3658, 0.1929.

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

10.2783, 0.3658, 0.1929

Protanopia

10.7880, 0.1828, 0.1576

Deuteranopia

10.5242, 0.2527, 0.2479



Tritanopia

10.4443, 0.4965, 0.3251

Trichromacy



Original Color

10.2783, 0.3658, 0.1929



Protanomaly

8.4768, 0.2119, 0.1498



Deuteranomaly

9.0924, 0.2859, 0.2097



Tritanomaly

10.0693, 0.4516, 0.2712

Monochromacy



Original Color

10.2783, 0.3658, 0.1929



Achromatopsia

8.4376, 0.3127, 0.3290



Achromatomaly

7.8741, 0.3356, 0.2474

CSS Examples

Text

The CSS property to change the color of the text to Yxy 10.2783, 0.3658, 0.1929 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, 31, 134)` looks like.

```
.text, #text, p{  
    color:rgb(161, 31, 134)  
}
```

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, 31, 134) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(161, 31, 134) }
```

Border

The CSS property to change the border of an element to Yxy 10.2783, 0.3658, 0.1929 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, 31, 134) }
```

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

```
.border{ border-color:rgb(161, 31, 134) }
```

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

Here you see how a box with a 4 pixel `rgb(161, 31, 134)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(161, 31, 134); -webkit-box-  
shadow:4px 4px 4px 4px rgb(161, 31, 134);  
box-shadow:4px 4px 4px 4px rgb(161, 31,  
134) }
```


Background

The CSS property to change the background color of an element to Yxy 10.2783, 0.3658, 0.1929 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(161, 31, 134) }
```

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

```
.background{ background-color: rgb(161, 31,  
134) }
```

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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