

Converting Colors

$Y_{xy}(11.3779, 0.4061, 0.2522)$

Have a look what the booklet for
Yxy(11.3779, 0.4061, 0.2522)
contains.

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Color

Yxy(11.3779, 0.4061, 0.2522)

Conversions

Conversions Part 1

Format	Color
Hex	9E3A6C
RGB	158, 58, 108
RGB Percent	62%, 23%, 42%
CMY	0.3804, 0.7725, 0.5765
CMYK	0.00, 0.63, 0.32, 0.38
HSL	330°, 46%, 42%
HSV	330°, 63%, 62%
XYZ	18.3210, 11.3779, 15.4157
YIQ	93.6000, 43.5500, 36.7500

Conversions

Conversions Part 2

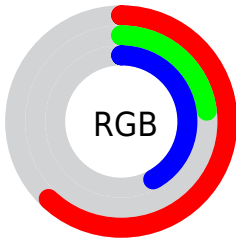
Format	Color
R _Y B	158, 58, 108
Decimal	10369644
CIE Lab	40.21, 46.55, -7.33
CIE LCh	40, 47.118, 351.056
Yxy	11.3779, 0.4061, 0.2522
Android (android.graphics.Color)	4288559724 (0xFF9E3A6C)
YUV	93.6000, 7.0992, 56.4788
Hunter-Lab	33.7311, 37.9226, -3.4847

Details

The Yxy color **11.3779, 0.4061, 0.2522** is a dark color, and the websafe version is hex **993366**. A complement of this color would be **26.4387, 0.2711, 0.4297**, and the grayscale version is **11.0696, 0.3127, 0.3290**.

A 20% lighter version of the original color is **28.3192, 0.3827, 0.2711**, and **3.2205, 0.4484, 0.2244** is the 20% darker color. If you saturate the color by 10%, you get **9.8618, 0.4291, 0.2455**, and if you desaturate by 10%, it is **13.3993, 0.3850, 0.2621**.

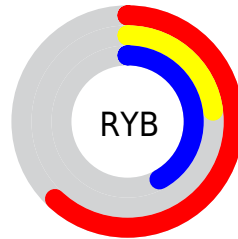
Distribution



Red (62%)

Green (23%)

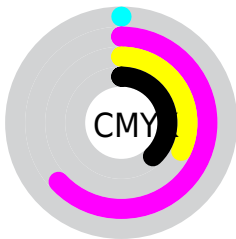
Blue (42%)



Red (62%)

Yellow (23%)

Blue (42%)

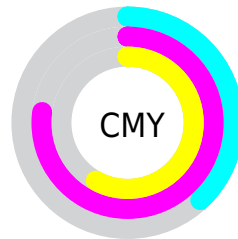


Cyan (0%)

Magenta (63%)

Yellow (32%)

Black (38%)



Cyan (38%)


Magenta (77%)


Yellow (58%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 11.3779, 0.4061, 0.2522 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 11.3779, 0.4061, 0.2522 by changing the saturation by 10% instead.


 11.3779, 0.4061,
0.2522


 11.3779, 0.4061,
0.2522


 200.2421, 0.3499,
0.2973


 6.3216, 0.4247,
0.2380


 28.3569, 0.3827,
0.2706


 3.0416, 0.4522,
0.2175

 41.0484, 0.3749,
0.2768

 1.1535, 0.4969,
0.1857

 57.0537, 0.3687,
0.2819

 0.0232, 0.6815,
0.0132

 76.7573, 0.3636,
0.2861

 0.0000, 1.0000,
0.0000

 100.5436, 0.3593,
0.2896

 0.0000, 0.0000,
0.0000

 128.7969, 0.3557,

0.2925

161.9016, 0.3526,
0.2951

■ 11.3779, 0.4061,
0.2522

■ 11.3779, 0.4061,
0.2522

■ 9.8618, 0.4291,
0.2455

■ 13.3993, 0.3850,
0.2621

■ 8.8024, 0.4533,
0.2430

■ 15.9652, 0.3664,
0.2740

■ 8.1446, 0.4774,
0.2456

■ 19.1128, 0.3503,
0.2868

■ 7.8341, 0.4935,
0.2492

■ 22.8756, 0.3366,
0.3000

■ 27.2846, 0.3251,
0.3128

■ 32.3685, 0.3155,
0.3251

■ 38.1544, 0.3075,
0.3367

■ 44.6679, 0.3010,
0.3474

■ 51.9333, 0.2955,
0.3573

Harmonies

Analogous

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



11.3779, 0.2976, 0.2052



11.3779, 0.4061, 0.2522



11.3779, 0.4930, 0.3145

Triad

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



11.3779, 0.4061, 0.2522



11.3779, 0.3938, 0.5148



11.3779, 0.1431, 0.2226

Complementary

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



11.3779, 0.4061, 0.2522



26.4387, 0.2711, 0.4297

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.



11.3779, 0.1586, 0.3043



11.3779, 0.4061, 0.2522



11.3779, 0.2987, 0.5140

Square

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



11.3779, 0.4061, 0.2522



11.3779, 0.4741, 0.4562



11.3779, 0.2122, 0.4235



11.3779, 0.1606, 0.1852

Rectangle

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



11.3779, 0.4061, 0.2522



11.3779, 0.5161, 0.3602



11.3779, 0.2122, 0.4235



11.3779, 0.1444, 0.2444

Sweetspot

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



11.3785, 0.4061, 0.2522



44.5347, 0.3318, 0.3051



8.6834, 0.2483, 0.1555



9.5693, 0.3351, 0.3015



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.



11.3785, 0.4061, 0.2522



17.0051, 0.4392, 0.2438



10.6014, 0.5092, 0.3296



6.6987, 0.3210, 0.3179



6.2817, 0.4917, 0.2482



0.1209, 0.4099, 0.2032

Inverse Universe

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



11.3785, 0.4061, 0.2522



17.0051, 0.4392, 0.2438



27.8245, 0.2380, 0.3288



6.6987, 0.3210, 0.3179



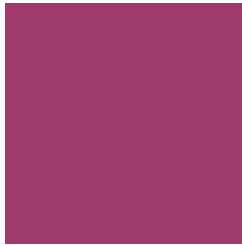
6.2817, 0.4917, 0.2482



0.1209, 0.4099, 0.2032

Previews

White Background



This preview shows how the Yxy color 11.3779, 0.4061, 0.2522 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 11.3779, 0.4061, 0.2522 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

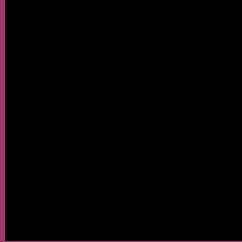
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

Yxy 11.3779, 0.4061, 0.2522

Background



This preview shows how black text looks on a background with the Yxy color 11.3779, 0.4061, 0.2522.



This preview shows how white text looks on a background with the Yxy color 11.3779, 0.4061, 0.2522.

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

11.3779, 0.4061, 0.2522

Protanopia

11.5837, 0.2516, 0.2450

Deuteranopia

11.5747, 0.3107, 0.3066



Tritanopia

11.4378, 0.4708, 0.3232

Trichromacy



Original Color

11.3779, 0.4061, 0.2522

Protanomaly

10.7196, 0.2965, 0.2420

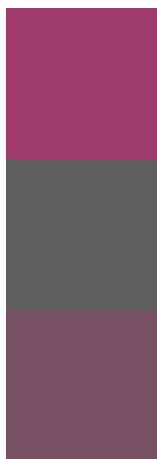
Deuteranomaly

10.8948, 0.3439, 0.2787

Tritanomaly

11.3748, 0.4488, 0.2978

Monochromacy



Original Color

11.3779, 0.4061, 0.2522

Achromatopsia

11.1932, 0.3127, 0.3290

Achromatomaly

10.5676, 0.3454, 0.2913

CSS Examples

Text

The CSS property to change the color of the text to Yxy 11.3779, 0.4061, 0.2522 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(158, 58, 108)` looks like.

```
.text, #text, p{  
    color:rgb(158, 58, 108)  
}
```

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(158, 58, 108) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(158, 58, 108) }
```

Border

The CSS property to change the border of an element to Yxy 11.3779, 0.4061, 0.2522 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(158, 58, 108) }
```

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

```
.border{ border-color:rgb(158, 58, 108) }
```

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

Here you see how a box with a 4 pixel `rgb(158, 58, 108)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(158, 58, 108); -webkit-box-shadow:4px 4px 4px 4px rgb(158, 58, 108); box-shadow:4px 4px 4px 4px rgb(158, 58, 108) }
```


Background

The CSS property to change the background color of an element to Yxy 11.3779, 0.4061, 0.2522 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(158, 58, 108) }
```

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

```
.background{ background-color: rgb(158, 58,  
108) }
```

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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