

Converting Colors

$Y_{xy}(10.9178, 0.3779, 0.5103)$

Have a look what the booklet for
Yxy(10.9178, 0.3779, 0.5103)
contains.

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Color

Yxy(10.9178, 0.3779, 0.5103)

Conversions

Conversions Part 1

Format	Color
Hex	516415
RGB	81, 100, 21
RGB Percent	32%, 39%, 8%
CMY	0.6824, 0.6078, 0.9175
CMYK	0.19, 0.00, 0.79, 0.61
HSL	74°, 65%, 24%
HSV	74°, 79%, 39%
XYZ	8.0851, 10.9178, 2.3919
YIQ	85.3130, 14.0350, -28.5970

Conversions

Conversions Part 2

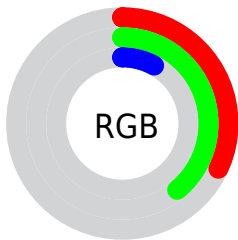
Format	Color
R_{YB}	21, 100, 40
Decimal	5334037
CIE _{Lab}	39.44, -19.08, 39.58
CIE _{LCh}	39, 43.933, 115.734
Yxy	10.9178, 0.3779, 0.5103
Android (android.graphics.Color)	4283524117 (0xFF516415)
YUV	85.3130, -31.7063, -3.7825
Hunter-Lab	33.0421, -14.1462, 18.8374

Details

The Yxy color **10.9178, 0.3779, 0.5103** is a dark color, and the websafe version is hex **666600**. A complement of this color would be **1.9097, 0.1958, 0.1085**, and the grayscale version is **9.2195, 0.3127, 0.3290**.

A 20% lighter version of the original color is **27.5747, 0.3672, 0.4628**, and **2.8695, 0.3638, 0.5493** is the 20% darker color. If you saturate the color by 10%, you get **10.7838, 0.3794, 0.5240**, and if you desaturate by 10%, it is **11.0714, 0.3741, 0.4927**.

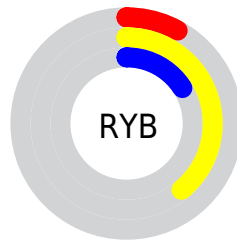
Distribution



Red (32%)

Green (39%)

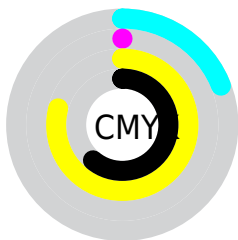
Blue (8%)



Red (8%)

Yellow (39%)

Blue (16%)

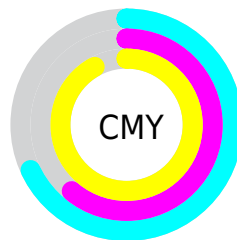


Cyan (19%)

Magenta (0%)

Yellow (79%)

Black (61%)



Cyan (68%)

Magenta (61%)


Yellow (92%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 10.9178, 0.3779, 0.5103 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 10.9178, 0.3779, 0.5103 by changing the saturation by 10% instead.


 10.9178, 0.3779,
0.5103


 10.9178, 0.3779,
0.5103


197.1027, 0.3442,
0.3973


 6.0116, 0.3821,
0.5467

 27.5081, 0.3671,
0.4631


 2.8521, 0.3891,
0.6109


 39.9609, 0.3623,
0.4472

 1.0550, 0.3335,
0.6665

 55.6981, 0.3582,
0.4345


 0.0000, 0.0000,
0.0000


 75.1040, 0.3546,
0.4243


 98.5630, 0.3514,
0.4158


 126.4595, 0.3487,

0.4086


 159.1780, 0.3463,
0.4026

 10.9178, 0.3779,
0.5103


 10.9178, 0.3779,
0.5103


 10.7838, 0.3794,
0.5240

 11.0714, 0.3741,
0.4927


 10.6610, 0.3796,
0.5355

 11.2447, 0.3683,
0.4719

 10.6486, 0.3797,
0.5368

 11.4397, 0.3608,
0.4486

 11.6575, 0.3520,
0.4240

 11.8993, 0.3423,
0.3988

■ 12.1662, 0.3321,
0.3738

■ 12.4593, 0.3218,
0.3497

■ 12.7794, 0.3117,
0.3267

■ 13.1274, 0.3019,
0.3052

Harmonies

Analogous

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



10.9178, 0.4577, 0.4623



10.9178, 0.3779, 0.5103



10.9178, 0.2865, 0.4943

Triad

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



10.9178, 0.3779, 0.5103



10.9178, 0.1507, 0.2200



10.9178, 0.4167, 0.2646

Complementary

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



10.9178, 0.3779, 0.5103



1.9097, 0.1958, 0.1085

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.



10.9178, 0.3142, 0.2162



10.9178, 0.3779, 0.5103



10.9178, 0.1724, 0.1891

Square

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



10.9178, 0.3779, 0.5103



10.9178, 0.1609, 0.2914



10.9178, 0.2269, 0.1896



10.9178, 0.4913, 0.3264

Rectangle

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



10.9178, 0.3779, 0.5103



10.9178, 0.2307, 0.4373



10.9178, 0.2269, 0.1896



10.9178, 0.3832, 0.2465

Sweetspot

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



10.9183, 0.3779, 0.5103



21.0529, 0.3380, 0.3881



4.2451, 0.5294, 0.3664



5.1509, 0.3406, 0.3946



53.8236, 0.3127, 0.3290



5.4972, 0.3127, 0.3290

Same Dimension

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



10.9183, 0.3779, 0.5103



18.7190, 0.3790, 0.5328



9.6637, 0.3212, 0.5493



3.2364, 0.3218, 0.3496



14.2363, 0.3790, 0.5373



73.8321, 0.3766, 0.5392

Inverse Universe

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



1.9097, 0.1958, 0.1085



2.1339, 0.1712, 0.0755



3.1175, 0.2723, 0.1466



2.7926, 0.3032, 0.3080



1.4738, 0.1669, 0.0693



7.3357, 0.1623, 0.0668

Previews

White Background



This preview shows how the Yxy color 10.9178, 0.3779, 0.5103 looks on a white background.

Color Contrast Check

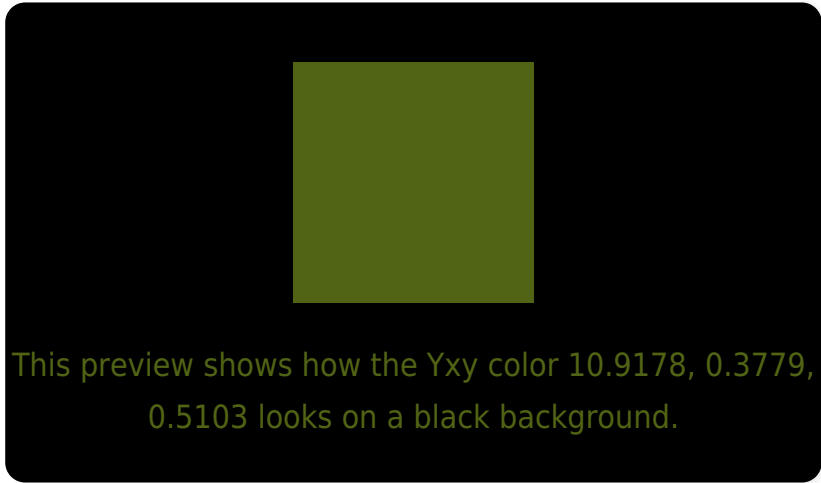
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

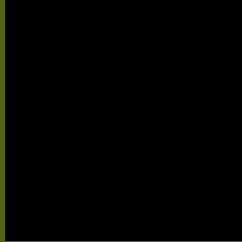
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

Yxy 10.9178, 0.3779, 0.5103

Background



This preview shows how black text looks on a background with the Yxy color 10.9178, 0.3779, 0.5103.



This preview shows how white text looks on a background with the Yxy color 10.9178, 0.3779, 0.5103.

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

10.9178, 0.3779, 0.5103

Protanopia

10.8188, 0.4282, 0.4755

Deuteranopia

10.7716, 0.4499, 0.4450



Tritanopia

10.8921, 0.2955, 0.3099

Trichromacy



Original Color

10.9178, 0.3779, 0.5103

Protanomaly

10.9030, 0.4092, 0.4885

Deuteranomaly

10.6080, 0.4234, 0.4680

Tritanomaly

10.8121, 0.3314, 0.3898

Monochromacy



Original Color

10.9178, 0.3779, 0.5103

Achromatopsia

9.0842, 0.3127, 0.3290

Achromatomaly

9.5449, 0.3453, 0.4028

CSS Examples

Text

The CSS property to change the color of the text to Yxy 10.9178, 0.3779, 0.5103 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(81, 100, 21)` looks like.

```
.text, #text, p{  
    color:rgb(81, 100, 21)  
}
```

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(81, 100, 21) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(81, 100, 21) }
```

Border

The CSS property to change the border of an element to Yxy 10.9178, 0.3779, 0.5103 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(81, 100, 21) }
```

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

```
.border{ border-color:rgb(81, 100, 21) }
```

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

Here you see how a box with a 4 pixel `rgb(81, 100, 21)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(81, 100, 21); -webkit-box-  
shadow:4px 4px 4px 4px rgb(81, 100, 21);  
box-shadow:4px 4px 4px 4px rgb(81, 100,  
21) }
```


Background

The CSS property to change the background color of an element to Yxy 10.9178, 0.3779, 0.5103 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(81, 100, 21) }
```

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

```
.background{ background-color: rgb(81, 100,  
21) }
```

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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