

Converting Colors

$Y_{xy}(18.7798, 0.4433, 0.5567)$

Have a look what the booklet for
Yxy(18.7798, 0.4433, 0.5567)
contains.

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Color

Yxy(19.0593, 0.4140, 0.5095)

Conversions

Conversions Part 1

Format	Color
Hex	7A7E00
RGB	122, 126, 0
RGB Percent	48%, 49%, 0%
CMY	0.5216, 0.5059, 1.0000
CMYK	0.03, 0.00, 1.00, 0.51
HSL	62°, 100%, 25%
HSV	62°, 100%, 49%
XYZ	15.4869, 19.0593, 2.8617
YIQ	110.4400, 38.0620, -40.0340

Conversions

Conversions Part 2

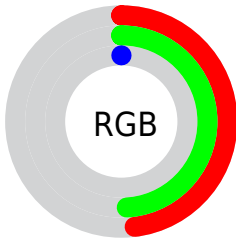
Format	Color
RYB	0, 126, 4
Decimal	8027648
CIELab	50.76, -14.65, 55.63
CIElCh	51, 57.530, 104.753
Yxy	19.0593, 0.4140, 0.5095
Android (android.graphics.Color)	4286217728 (0xFF7A7E00)
YUV	110.4400, -54.4469, 10.1381
Hunter-Lab	43.6570, -13.0787, 26.6734

Details

The Yxy color **19.0593, 0.4140, 0.5095** is a dark color, and the websafe version is hex **999933**. A complement of this color would be **1.5323, 0.1515, 0.0608**, and the grayscale version is **15.8785, 0.3127, 0.3290**.

A 20% lighter version of the original color is **41.6874, 0.3999, 0.4731**, and **6.5730, 0.4028, 0.5183** is the 20% darker color. If you saturate the color by 10%, you get **19.0602, 0.4140, 0.5095**, and if you desaturate by 10%, it is **19.1176, 0.4113, 0.5035**.

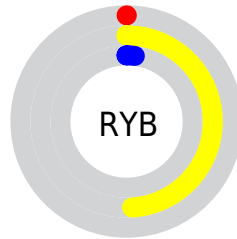
Distribution



Red (48%)

Green (49%)

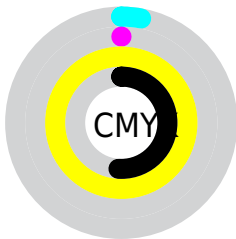
Blue (0%)



Red (0%)

Yellow (49%)

Blue (2%)

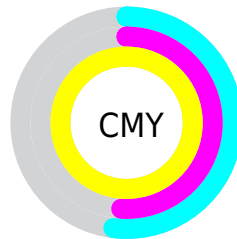


Cyan (3%)

Magenta (0%)

Yellow (100%)

Black (51%)



Cyan (52%)

Magenta (51%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 19.0593, 0.4140, 0.5095 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 19.0593, 0.4140, 0.5095 by changing the saturation by 10% instead.

19.0593, 0.4140,
0.5095

19.0593, 0.4140,
0.5095

246.7759, 0.3654,
0.4106

11.7131, 0.4207,
0.5327

41.8343, 0.3990,
0.4733

6.5487, 0.4311,
0.5689

58.0319, 0.3923,
0.4595

3.1815, 0.4154,
0.5846

77.9488, 0.3864,
0.4479

1.2272, 0.3868,
0.6132

101.9693, 0.3811,
0.4381

0.0838, 0.0000,
1.0000


130.4779, 0.3765,
0.4297


0.0000, 0.0000,
0.0000

163.8589, 0.3723,


0.4225


 202.4968, 0.3687,
0.4162


 19.0593, 0.4140,
0.5095


 19.0593, 0.4140,
0.5095

 19.0602, 0.4140,
0.5095

 19.1176, 0.4113,
0.5035

 19.1900, 0.4070,
0.4949

 19.2871, 0.4002,
0.4823

 19.4119, 0.3912,
0.4659

 19.5668, 0.3803,
0.4463

■ 19.7540, 0.3678,
0.4243

■ 19.9757, 0.3544,
0.4008

■ 20.2336, 0.3404,
0.3766

■ 20.5295, 0.3264,
0.3525

Harmonies

Analogous

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



19.0593, 0.4906, 0.4426



19.0593, 0.4140, 0.5095



19.0593, 0.3181, 0.5277

Triad

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



19.0593, 0.4140, 0.5095



19.0593, 0.1399, 0.2331



19.0593, 0.3850, 0.2386

Complementary

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



19.0593, 0.4140, 0.5095



1.5323, 0.1515, 0.0608

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.



19.0593, 0.2756, 0.1953



19.0593, 0.4140, 0.5095



19.0593, 0.1510, 0.1868

Square

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



19.0593, 0.4140, 0.5095



19.0593, 0.1631, 0.3269



19.0593, 0.1950, 0.1768



19.0593, 0.4838, 0.2995

Rectangle

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



19.0593, 0.4140, 0.5095



19.0593, 0.2545, 0.4871



19.0593, 0.1950, 0.1768



19.0593, 0.3471, 0.2218

Sweetspot

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



19.0602, 0.4140, 0.5095



35.1300, 0.3553, 0.4025



4.4815, 0.6382, 0.3315



7.9590, 0.3600, 0.4107



63.8283, 0.3127, 0.3290



8.3535, 0.3127, 0.3290

Same Dimension

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



19.0602, 0.4140, 0.5095



33.5361, 0.4139, 0.5096



15.9116, 0.3366, 0.5710



5.0127, 0.3252, 0.3504



19.5524, 0.4140, 0.5095



0.0000, 0.0000, 0.0000

Inverse Universe

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



1.5323, 0.1515, 0.0608



2.6850, 0.1511, 0.0606



2.6337, 0.2087, 0.0923



4.2177, 0.2997, 0.3068



1.5715, 0.1515, 0.0608



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the Yxy color 19.0593, 0.4140, 0.5095 looks on a white 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

Black Background



This preview shows how the Yxy color 19.0593, 0.4140, 0.5095 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

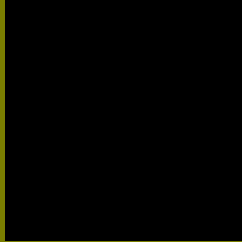
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 19.0593, 0.4140, 0.5095

Background



This preview shows how black text looks on a background with the Yxy color 19.0593, 0.4140, 0.5095.



This preview shows how white text looks on a background with the Yxy color 19.0593, 0.4140, 0.5095.

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

19.0593, 0.4140, 0.5095

Protanopia

18.9090, 0.4396, 0.4892

Deuteranopia

19.0843, 0.4640, 0.4565



Tritanopia

19.0542, 0.3198, 0.3127

Trichromacy



Original Color

19.0593, 0.4140, 0.5095

Protanomaly

18.9912, 0.4301, 0.4967

Deuteranomaly

18.9735, 0.4467, 0.4755

Tritanomaly

18.6013, 0.3714, 0.4048

Monochromacy



Original Color

19.0593, 0.4140, 0.5095

Achromatopsia

15.5926, 0.3127, 0.3290

Achromatomaly

16.5104, 0.3661, 0.4230

CSS Examples

Text

The CSS property to change the color of the text to Yxy 19.0593, 0.4140, 0.5095 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(122, 126, 0)` looks like.

```
.text, #text, p{  
    color:rgb(122, 126, 0)  
}
```

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(122, 126, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(122, 126, 0) }
```

Border

The CSS property to change the border of an element to Yxy 19.0593, 0.4140, 0.5095 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(122, 126, 0) }
```

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

```
.border{ border-color:rgb(122, 126, 0) }
```

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

Here you see how a box with a 4 pixel rgb(122, 126, 0) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(122, 126, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(122, 126, 0);  
box-shadow:4px 4px 4px 4px rgb(122, 126,  
0) }
```


Background

The CSS property to change the background color of an element to Yxy 19.0593, 0.4140, 0.5095 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(122, 126, 0) }
```

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

```
.background{ background-color: rgb(122,  
126, 0) }
```

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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