

Converting Colors

$Y_{xy}(19.0276, 0.5107, 0.4159)$

Have a look what the booklet for
Yxy(19.0276, 0.5107, 0.4159)
contains.

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Color

Yxy(19.0379, 0.5097, 0.4167)

Conversions

Conversions Part 1

Format	Color
Hex	B26619
RGB	178, 102, 25
RGB Percent	70%, 40%, 10%
CMY	0.3020, 0.6000, 0.9023
CMYK	0.00, 0.43, 0.86, 0.30
HSL	30°, 75%, 40%
HSV	30°, 86%, 70%
XYZ	23.2868, 19.0379, 3.3626
YIQ	115.9460, 70.0130, -7.8350

Conversions

Conversions Part 2

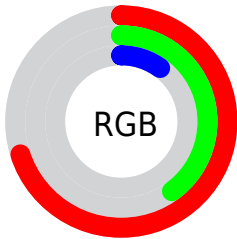
Format	Color
R_{YB}	176, 178, 25
Decimal	11691545
CIE _{Lab}	50.73, 25.23, 52.31
CIE _{LCh}	51, 58.074, 64.248
Yxy	19.0379, 0.5097, 0.4167
Android (android.graphics.Color)	4289881625 (0xFFB26619)
YUV	115.9460, -44.8364, 54.4214
Hunter-Lab	43.6324, 18.9094, 25.9735

Details

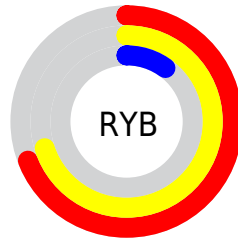
The Yxy color **19.0379, 0.5097, 0.4167** is a dark color, and the websafe version is hex **996600**. A complement of this color would be **12.7124, 0.1877, 0.1824**, and the grayscale version is **17.5699, 0.3127, 0.3290**.

A 20% lighter version of the original color is **41.9977, 0.4705, 0.4075**, and **6.6314, 0.5494, 0.4019** is the 20% darker color. If you saturate the color by 10%, you get **17.3391, 0.5311, 0.4124**, and if you desaturate by 10%, it is **20.9722, 0.4848, 0.4157**.

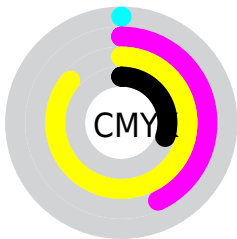
Distribution



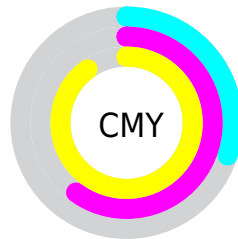
- Red (70%)
- Green (40%)
- Blue (10%)



- Red (69%)
- Yellow (70%)
- Blue (10%)



- Cyan (0%)
- Magenta (43%)
- Yellow (86%)
- Black (30%)





- Cyan (30%)
- Magenta (60%)
- Yellow (90%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 19.0379, 0.5097, 0.4167 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 19.0379, 0.5097, 0.4167 by changing the saturation by 10% instead.


 19.0379, 0.5097,
0.4167


 19.0379, 0.5097,
0.4167


246.6579, 0.4031,
0.3799


 11.6977, 0.5349,
0.4192


 41.7981, 0.4709,
0.4072


 6.5382, 0.5735,
0.4235


 57.9869, 0.4561,
0.4023

 3.1750, 0.5970,
0.4030

 77.8940, 0.4436,
0.3976

 1.2238, 0.6326,
0.3674

 101.9038, 0.4330,
0.3934

 0.0810, 0.8954,
0.1046


 130.4007, 0.4239,
0.3895

 0.0000, 0.0000,
0.0000


 163.7691, 0.4160,

0.3860


 202.3934, 0.4092,
0.3828


 19.0379, 0.5097,
0.4167


 19.0379, 0.5097,
0.4167


 17.3391, 0.5311,
0.4124

 20.9722, 0.4848,
0.4157

 16.7156, 0.5393,
0.4100

 23.1531, 0.4580,
0.4100

 25.5935, 0.4310,
0.4006

 28.3042, 0.4049,
0.3889

 31.2952, 0.3807,
0.3759

■ 34.5758, 0.3588,
0.3624

■ 38.1548, 0.3392,
0.3491

■ 42.0405, 0.3220,
0.3363

■ 46.2410, 0.3069,
0.3243

Harmonies

Analogous

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



19.0379, 0.5190, 0.3437



19.0379, 0.5097, 0.4167



19.0379, 0.4449, 0.4898

Triad

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



19.0379, 0.5097, 0.4167



19.0379, 0.1793, 0.3704



19.0379, 0.2425, 0.1848

Complementary

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



19.0379, 0.5097, 0.4167



12.7124, 0.1877, 0.1824

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.



19.0379, 0.1745, 0.1756



19.0379, 0.5097, 0.4167



19.0379, 0.1426, 0.2594

Square

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



19.0379, 0.5097, 0.4167



19.0379, 0.2553, 0.4905



19.0379, 0.1423, 0.1971



19.0379, 0.3454, 0.2201

Rectangle

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



19.0379, 0.5097, 0.4167



19.0379, 0.3850, 0.5251



19.0379, 0.1423, 0.1971



19.0379, 0.2157, 0.1787

Sweetspot

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



19.0389, 0.5097, 0.4167



62.4185, 0.3597, 0.3630



11.1060, 0.4618, 0.2433



13.3664, 0.3670, 0.3676



91.1408, 0.3127, 0.3290



17.8868, 0.3127, 0.3290

Same Dimension

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



19.0389, 0.5097, 0.4167



29.8509, 0.5418, 0.4080



41.3770, 0.4155, 0.4990



9.1888, 0.3275, 0.3405



12.0859, 0.5376, 0.4114



0.4969, 0.4963, 0.4441

Inverse Universe

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



12.7124, 0.1877, 0.1824



18.1371, 0.1762, 0.1542



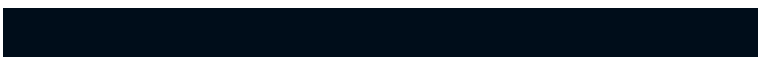
4.1122, 0.1587, 0.0743



8.9038, 0.2985, 0.3172



7.4631, 0.1775, 0.1590



0.3516, 0.1918, 0.2104

Previews

White Background



This preview shows how the Yxy color 19.0379, 0.5097, 0.4167 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 19.0379, 0.5097, 0.4167 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

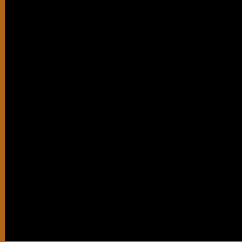
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 19.0379, 0.5097, 0.4167

Background



This preview shows how black text looks on a background with the Yxy color 19.0379, 0.5097, 0.4167.



This preview shows how white text looks on a background with the Yxy color 19.0379, 0.5097, 0.4167.

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

19.0379, 0.5097, 0.4167

Protanopia

19.2470, 0.4270, 0.4738

Deuteranopia

19.0712, 0.4656, 0.4586



Tritanopia

18.9675, 0.4301, 0.3193

Trichromacy



Original Color

19.0379, 0.5097, 0.4167

Protanomaly

18.9246, 0.4573, 0.4530

Deuteranomaly

18.8803, 0.4829, 0.4427

Tritanomaly

18.9331, 0.4679, 0.3627

Monochromacy



Original Color

19.0379, 0.5097, 0.4167

Achromatopsia

17.4647, 0.3127, 0.3290

Achromatomaly

17.4824, 0.3891, 0.3801

CSS Examples

Text

The CSS property to change the color of the text to Yxy 19.0379, 0.5097, 0.4167 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(178, 102, 25)` looks like.

```
.text, #text, p{  
    color:rgb(178, 102, 25)  
}
```

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(178, 102, 25) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(178, 102, 25) }
```

Border

The CSS property to change the border of an element to Yxy 19.0379, 0.5097, 0.4167 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(178, 102, 25) }
```

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

```
.border{ border-color:rgb(178, 102, 25) }
```

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

Here you see how a box with a 4 pixel `rgb(178, 102, 25)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(178, 102, 25); -webkit-box-  
shadow:4px 4px 4px 4px rgb(178, 102, 25);  
box-shadow:4px 4px 4px 4px rgb(178, 102,  
25) }
```


Background

The CSS property to change the background color of an element to Yxy 19.0379, 0.5097, 0.4167 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(178, 102, 25) }
```

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

```
.background{ background-color: rgb(178,  
102, 25) }
```

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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