

Converting Colors

$Y_{xy}(19.0471, 0.5106, 0.4160)$

Have a look what the booklet for
Yxy(19.0471, 0.5106, 0.4160)
contains.

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Color

Yxy(19.1566, 0.5107, 0.4160)

Conversions

Conversions Part 1

Format	Color
Hex	B36619
RGB	179, 102, 25
RGB Percent	70%, 40%, 10%
CMY	0.2980, 0.6000, 0.9021
CMYK	0.00, 0.43, 0.86, 0.30
HSL	30°, 76%, 40%
HSV	30°, 86%, 70%
XYZ	23.5175, 19.1566, 3.3754
YIQ	116.2450, 70.6090, -7.6230

Conversions

Conversions Part 2

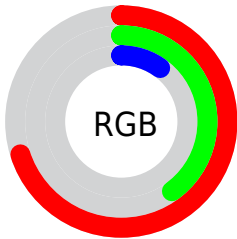
Format	Color
RYB	179, 179, 25
Decimal	11757081
CIELab	50.87, 25.66, 52.46
CIELCh	51, 58.406, 63.933
Yxy	19.1566, 0.5107, 0.4160
Android (android.graphics.Color)	4289947161 (0xFFB36619)
YUV	116.2450, -44.9838, 55.0361
Hunter-Lab	43.7683, 19.3169, 26.0653

Details

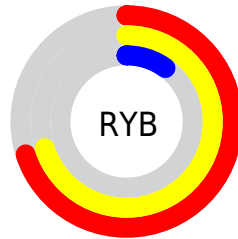
The Yxy color **19.1566, 0.5107, 0.4160** is a dark color, and the websafe version is hex **996600**. A complement of this color would be **12.9559, 0.1879, 0.1833**, and the grayscale version is **17.6682, 0.3127, 0.3290**.

A 20% lighter version of the original color is **42.1723, 0.4714, 0.4071**, and **6.6314, 0.5494, 0.4019** is the 20% darker color. If you saturate the color by 10%, you get **17.4381, 0.5322, 0.4116**, and if you desaturate by 10%, it is **21.1158, 0.4857, 0.4151**.

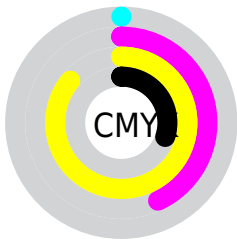
Distribution



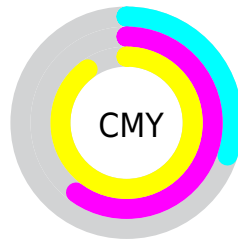
- Red (70%)
- Green (40%)
- Blue (10%)



- Red (70%)
- 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 19.1566, 0.5107, 0.4160 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 19.1566, 0.5107, 0.4160 by changing the saturation by 10% instead.


 19.1566, 0.5107,
0.4160


 19.1566, 0.5107,
0.4160


247.3119, 0.4037,
0.3798


 11.7835, 0.5360,
0.4183


 41.9985, 0.4717,
0.4068

 6.5964, 0.5744,
0.4222


 58.2362, 0.4569,
0.4019

 3.2110, 0.5983,
0.4017

 78.1974, 0.4444,
0.3973

 1.2429, 0.6341,
0.3659

 102.2667, 0.4337,
0.3931

 0.0963, 0.8817,
0.1183


 130.8284, 0.4246,
0.3893


 0.0000, 0.0000,
0.0000

 164.2669, 0.4166,


0.3858

 202.9666, 0.4097,
0.3826


 19.1566, 0.5107,
0.4160


 19.1566, 0.5107,
0.4160


 17.4381, 0.5322,
0.4116


 21.1158, 0.4857,
0.4151

 16.8168, 0.5403,
0.4092

 23.3271, 0.4587,
0.4095

 25.8039, 0.4315,
0.4002

 28.5570, 0.4053,
0.3886

 31.5968, 0.3810,
0.3756

■ 34.9329, 0.3590,
0.3623

■ 38.5742, 0.3394,
0.3490

■ 42.5293, 0.3221,
0.3363

■ 46.8064, 0.3070,
0.3244

Harmonies

Analogous

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



19.1566, 0.5194, 0.3429



19.1566, 0.5107, 0.4160



19.1566, 0.4461, 0.4894

Triad

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



19.1566, 0.5107, 0.4160



19.1566, 0.1795, 0.3719



19.1566, 0.2414, 0.1841

Complementary

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



19.1566, 0.5107, 0.4160



12.9559, 0.1879, 0.1833

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.



19.1566, 0.1736, 0.1753



19.1566, 0.5107, 0.4160



19.1566, 0.1423, 0.2600

Square

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



19.1566, 0.5107, 0.4160



19.1566, 0.2560, 0.4922



19.1566, 0.1416, 0.1971



19.1566, 0.3443, 0.2193

Rectangle

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



19.1566, 0.5107, 0.4160



19.1566, 0.3861, 0.5254



19.1566, 0.1416, 0.1971



19.1566, 0.2146, 0.1781

Sweetspot

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



19.1576, 0.5107, 0.4160



62.3223, 0.3598, 0.3628



11.2366, 0.4620, 0.2433



13.3430, 0.3671, 0.3674



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.



19.1576, 0.5107, 0.4160



29.6683, 0.5428, 0.4072



41.8955, 0.4156, 0.4991



9.1840, 0.3275, 0.3404



12.0134, 0.5385, 0.4106



0.4947, 0.4969, 0.4436

Inverse Universe

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



12.9559, 0.1879, 0.1833



18.3180, 0.1765, 0.1553



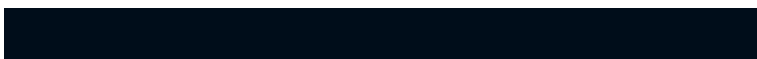
4.1546, 0.1586, 0.0742



8.9085, 0.2985, 0.3173



7.5349, 0.1778, 0.1601



0.3538, 0.1920, 0.2112

Previews

White Background



This preview shows how the Yxy color 19.1566, 0.5107, 0.4160 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 19.1566, 0.5107, 0.4160 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

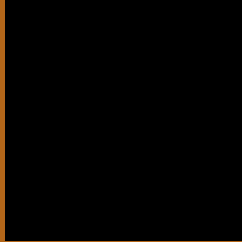
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 19.1566, 0.5107, 0.4160

Background



This preview shows how black text looks on a background with the Yxy color 19.1566, 0.5107, 0.4160.



This preview shows how white text looks on a background with the Yxy color 19.1566, 0.5107, 0.4160.

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

19.1566, 0.5107, 0.4160

Protanopia

19.3312, 0.4284, 0.4729

Deuteranopia

19.1689, 0.4668, 0.4577



Tritanopia

19.0888, 0.4314, 0.3194

Trichromacy



Original Color

19.1566, 0.5107, 0.4160

Protanomaly

19.0207, 0.4586, 0.4522

Deuteranomaly

18.9854, 0.4840, 0.4419

Tritanomaly

19.0535, 0.4691, 0.3624

Monochromacy



Original Color

19.1566, 0.5107, 0.4160

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 19.1566, 0.5107, 0.4160 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(179, 102, 25)` looks like.

```
.text, #text, p{  
    color:rgb(179, 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(179, 102, 25) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(179, 102, 25) }
```

Border

The CSS property to change the border of an element to Yxy 19.1566, 0.5107, 0.4160 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(179, 102, 25) }
```

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

```
.border{ border-color:rgb(179, 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(179, 102, 25)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(179, 102, 25); -webkit-box-  
shadow:4px 4px 4px 4px rgb(179, 102, 25);  
box-shadow:4px 4px 4px 4px rgb(179, 102,  
25) }
```


Background

The CSS property to change the background color of an element to Yxy 19.1566, 0.5107, 0.4160 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(179, 102, 25) }
```

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

```
.background{ background-color: rgb(179,  
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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