

Converting Colors

$Y_{xy}(19.0986, 0.4271, 0.4974)$

Have a look what the booklet for
Yxy(19.0986, 0.4271, 0.4974)
contains.

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Color

$Y_{xy}(19.1677, 0.4266, 0.4976)$

Conversions

Conversions Part 1

Format	Color
Hex	827C03
RGB	130, 124, 3
RGB Percent	51%, 49%, 1%
CMY	0.4901, 0.5137, 0.9882
CMYK	0.00, 0.05, 0.98, 0.49
HSL	57°, 95%, 26%
HSV	57°, 98%, 51%
XYZ	16.4328, 19.1677, 2.9198
YIQ	112.0000, 42.4170, -36.3590

Conversions

Conversions Part 2

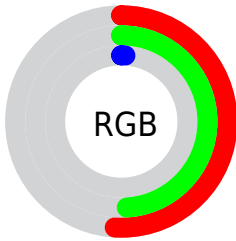
Format	Color
R_YB	9, 130, 3
Decimal	8551427
CIE Lab	50.88, -9.74, 55.45
CIE LCh	51, 56.301, 99.966
Yxy	19.1677, 0.4266, 0.4976
Android (android.graphics.Color)	4286741507 (0xFF827C03)
YUV	112.0000, -53.7370, 15.7860
Hunter-Lab	43.7809, -9.6183, 26.6925

Details

The Yxy color **19.1677, 0.4266, 0.4976** is a dark color, and the websafe version is hex **666600**. A complement of this color would be **1.8280, 0.1529, 0.0671**, and the grayscale version is **16.3564, 0.3127, 0.3290**.

A 20% lighter version of the original color is **41.8950, 0.4081, 0.4648**, and **6.7467, 0.4214, 0.5036** is the 20% darker color. If you saturate the color by 10%, you get **19.1262, 0.4276, 0.4987**, and if you desaturate by 10%, it is **19.3546, 0.4221, 0.4925**.

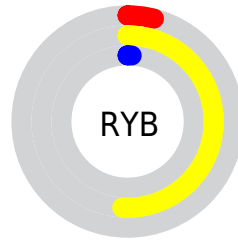
Distribution



Red (51%)

Green (49%)

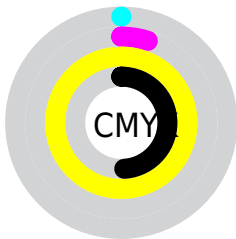
Blue (1%)



Red (4%)

Yellow (51%)

Blue (1%)

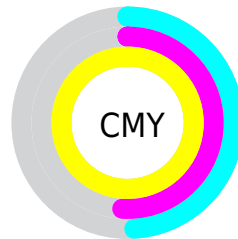


Cyan (0%)

Magenta (5%)

Yellow (98%)

Black (49%)



Cyan (49%)

Magenta (51%)

Yellow (99%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 19.1677, 0.4266, 0.4976 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 19.1677, 0.4266, 0.4976 by changing the saturation by 10% instead.

■ 19.1677, 0.4266,
0.4976

■ 19.1677, 0.4266,
0.4976

■ 247.3730, 0.3704,
0.4070

■ 11.7915, 0.4358,
0.5179

■ 42.0173, 0.4084,
0.4651

■ 6.6019, 0.4504,
0.5496

■ 58.2595, 0.4007,
0.4525

■ 3.2144, 0.4402,
0.5598

■ 78.2258, 0.3938,
0.4418

■ 1.2447, 0.4221,
0.5779

■ 102.3006, 0.3879,
0.4327

■ 0.0977, 0.0000,
1.0000


■ 130.8684, 0.3826,
0.4249


■ 0.0000, 0.0000,
0.0000

■ 164.3134, 0.3780,

0.4181


 203.0202, 0.3740,
0.4122


 19.1677, 0.4266,
0.4976


 19.1677, 0.4266,
0.4976


 19.1262, 0.4276,
0.4987

 19.3546, 0.4221,
0.4925

 19.5620, 0.4156,
0.4841

 19.7976, 0.4066,
0.4716

 20.0644, 0.3954,
0.4554

 20.3651, 0.3825,
0.4363

■ 20.7019, 0.3683,
0.4149

■ 21.0771, 0.3534,
0.3923

■ 21.4925, 0.3384,
0.3691

■ 21.9502, 0.3237,
0.3462

Harmonies

Analogous

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



19.1677, 0.4960, 0.4297



19.1677, 0.4266, 0.4976



19.1677, 0.3342, 0.5256

Triad

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



19.1677, 0.4266, 0.4976



19.1677, 0.1442, 0.2468



19.1677, 0.3658, 0.2322

Complementary

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



19.1677, 0.4266, 0.4976



1.8280, 0.1529, 0.0671

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.



19.1677, 0.2615, 0.1930



19.1677, 0.4266, 0.4976



19.1677, 0.1499, 0.1941

Square

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



19.1677, 0.4266, 0.4976



19.1677, 0.1733, 0.3461



19.1677, 0.1880, 0.1790



19.1677, 0.4675, 0.2901

Rectangle

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



19.1677, 0.4266, 0.4976



19.1677, 0.2706, 0.4963



19.1677, 0.1880, 0.1790



19.1677, 0.3290, 0.2166

Sweetspot

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



19.1686, 0.4266, 0.4976



36.9681, 0.3564, 0.3968



4.8336, 0.6263, 0.3257



8.3134, 0.3617, 0.4049



65.5931, 0.3127, 0.3290



8.8982, 0.3127, 0.3290

Same Dimension

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



19.1686, 0.4266, 0.4976



33.6081, 0.4278, 0.4985



17.3894, 0.3464, 0.5608



4.9856, 0.3257, 0.3493



18.3347, 0.4276, 0.4987



0.0000, 0.0000, 0.0000

Inverse Universe

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



1.8280, 0.1529, 0.0671



3.0117, 0.1509, 0.0633



2.6435, 0.1985, 0.0884



4.2419, 0.2993, 0.3078



1.6767, 0.1513, 0.0646



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the Yxy color 19.1677, 0.4266, 0.4976 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 19.1677, 0.4266, 0.4976 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

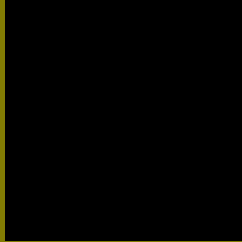
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 19.1677, 0.4266, 0.4976

Background



This preview shows how black text looks on a background with the Yxy color 19.1677, 0.4266, 0.4976.



This preview shows how white text looks on a background with the Yxy color 19.1677, 0.4266, 0.4976.

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

19.1677, 0.4266, 0.4976

Protanopia

19.2374, 0.4394, 0.4893

Deuteranopia

19.0774, 0.4648, 0.4576



Tritanopia

19.1200, 0.3316, 0.3131

Trichromacy



Original Color

19.1677, 0.4266, 0.4976

Protanomaly

19.2364, 0.4338, 0.4932

Deuteranomaly

19.0057, 0.4521, 0.4713

Tritanomaly

18.6870, 0.3824, 0.3988

Monochromacy



Original Color

19.1677, 0.4266, 0.4976

Achromatopsia

16.2029, 0.3127, 0.3290

Achromatomaly

16.8806, 0.3709, 0.4168

CSS Examples

Text

The CSS property to change the color of the text to Yxy 19.1677, 0.4266, 0.4976 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(130, 124, 3)` looks like.

```
.text, #text, p{  
    color:rgb(130, 124, 3)  
}
```

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(130, 124, 3) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(130, 124, 3) }
```

Border

The CSS property to change the border of an element to Yxy 19.1677, 0.4266, 0.4976 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(130, 124, 3) }
```

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

```
.border{ border-color:rgb(130, 124, 3) }
```

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

Here you see how a box with a 4 pixel `rgb(130, 124, 3)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(130, 124, 3); -webkit-box-  
shadow:4px 4px 4px 4px rgb(130, 124, 3);  
box-shadow:4px 4px 4px 4px rgb(130, 124,  
3) }
```


Background

The CSS property to change the background color of an element to Yxy 19.1677, 0.4266, 0.4976 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(130, 124, 3) }
```

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

```
.background{ background-color: rgb(130,  
124, 3) }
```

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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