

Converting Colors

$Y_{xy}(19.0962, 0.5060, 0.4174)$

Have a look what the booklet for
Yxy(19.0962, 0.5060, 0.4174)
contains.

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Color

Yxy(19.1267, 0.5060, 0.4175)

Conversions

Conversions Part 1

Format	Color
Hex	B1671B
RGB	177, 103, 27
RGB Percent	69%, 40%, 11%
CMY	0.3058, 0.5961, 0.8943
CMYK	0.00, 0.42, 0.85, 0.31
HSL	30°, 74%, 40%
HSV	30°, 85%, 69%
XYZ	23.1811, 19.1267, 3.5047
YIQ	116.4620, 68.5000, -7.9480

Conversions

Conversions Part 2

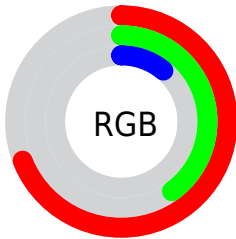
Format	Color
R _Y B	173, 177, 27
Decimal	11626267
CIE Lab	50.84, 24.31, 51.61
CIE LCh	51, 57.052, 64.778
Yxy	19.1267, 0.5060, 0.4175
Android (android.graphics.Color)	4289816347 (0xFFB1671B)
YUV	116.4620, -44.1048, 53.0918
Hunter-Lab	43.7341, 18.0787, 25.8626

Details

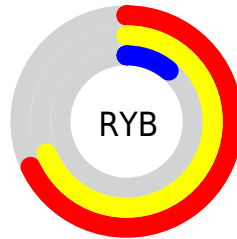
The Yxy color **19.1267, 0.5060, 0.4175** is a dark color, and the websafe version is hex **996600**. A complement of this color would be **12.7101, 0.1887, 0.1839**, and the grayscale version is **17.7364, 0.3127, 0.3290**.

A 20% lighter version of the original color is **42.1699, 0.4680, 0.4081**, and **6.6543, 0.5459, 0.4048** is the 20% darker color. If you saturate the color by 10%, you get **17.4219, 0.5277, 0.4139**, and if you desaturate by 10%, it is **21.0642, 0.4810, 0.4158**.

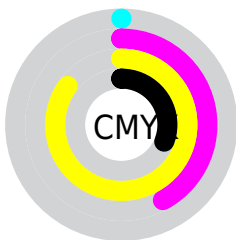
Distribution



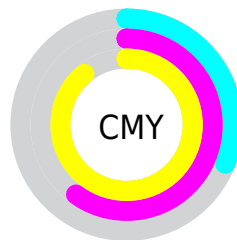
- Red (69%)
- Green (40%)
- Blue (11%)



- Red (68%)
- Yellow (69%)
- Blue (11%)



- Cyan (0%)
- Magenta (42%)
- Yellow (85%)
- Black (31%)



- Cyan (31%)
- Magenta (60%)
- Yellow (89%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 19.1267, 0.5060, 0.4175 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 19.1267, 0.5060, 0.4175 by changing the saturation by 10% instead.


 19.1267, 0.5060,
0.4175


 19.1267, 0.5060,
0.4175


247.1473, 0.4013,
0.3797


 11.7619, 0.5309,
0.4205


 41.9481, 0.4677,
0.4074


 6.5817, 0.5681,
0.4249


 58.1734, 0.4532,
0.4023

 3.2019, 0.5931,
0.4069

 78.1210, 0.4410,
0.3976

 1.2380, 0.6275,
0.3725

 102.1754, 0.4306,
0.3933

 0.0925, 0.8805,
0.1195

 130.7207, 0.4216,
0.3893

 0.0000, 0.0000,
0.0000

 164.1416, 0.4139,

0.3858

202.8223, 0.4072,
0.3826

19.1267, 0.5060,
0.4175

19.1267, 0.5060,
0.4175

17.4219, 0.5277,
0.4139

21.0642, 0.4810,
0.4158

16.6100, 0.5383,
0.4108

23.2445, 0.4542,
0.4095

25.6800, 0.4274,
0.3997

28.3811, 0.4016,
0.3877

31.3575, 0.3778,
0.3745

■ 34.6182, 0.3562,
0.3609

■ 38.1717, 0.3370,
0.3476

■ 42.0262, 0.3200,
0.3348

■ 46.1895, 0.3052,
0.3228

Harmonies

Analogous

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



19.1267, 0.5158, 0.3453



19.1267, 0.5060, 0.4175



19.1267, 0.4420, 0.4888

Triad

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



19.1267, 0.5060, 0.4175



19.1267, 0.1806, 0.3676



19.1267, 0.2453, 0.1872

Complementary

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



19.1267, 0.5060, 0.4175



12.7101, 0.1887, 0.1839

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.



19.1267, 0.1775, 0.1778



19.1267, 0.5060, 0.4175



19.1267, 0.1448, 0.2594

Square

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



19.1267, 0.5060, 0.4175



19.1267, 0.2551, 0.4853



19.1267, 0.1449, 0.1986



19.1267, 0.3469, 0.2226

Rectangle

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



19.1267, 0.5060, 0.4175



19.1267, 0.3828, 0.5223



19.1267, 0.1449, 0.1986



19.1267, 0.2186, 0.1810

Sweetspot

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



19.1277, 0.5060, 0.4175



61.5900, 0.3575, 0.3618



11.0897, 0.4587, 0.2431



12.9042, 0.3647, 0.3664



89.0005, 0.3127, 0.3290



17.0645, 0.3127, 0.3290

Same Dimension

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



19.1277, 0.5060, 0.4175



29.2998, 0.5407, 0.4088



40.8759, 0.4150, 0.4981



9.1933, 0.3275, 0.3406



12.1547, 0.5366, 0.4121



0.4989, 0.4957, 0.4446

Inverse Universe

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



12.7101, 0.1887, 0.1839



17.5407, 0.1759, 0.1532



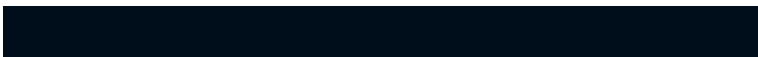
4.1895, 0.1599, 0.0763



8.8993, 0.2985, 0.3172



7.3959, 0.1772, 0.1580



0.3495, 0.1916, 0.2096

Previews

White Background



This preview shows how the Yxy color 19.1267, 0.5060, 0.4175 looks on a white background.

Color Contrast Check

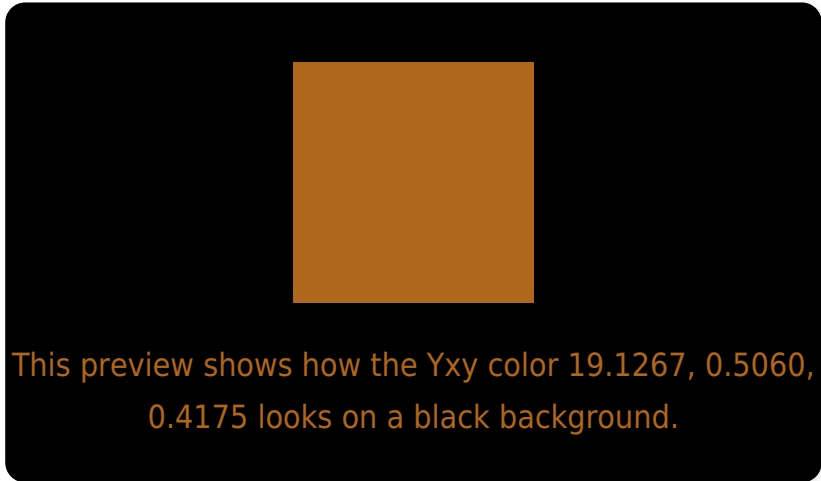
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



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 19.1267, 0.5060, 0.4175

Background



This preview shows how black text looks on a background with the Yxy color 19.1267, 0.5060, 0.4175.



This preview shows how white text looks on a background with the Yxy color 19.1267, 0.5060, 0.4175.

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

19.1267, 0.5060, 0.4175

Protanopia

19.3417, 0.4272, 0.4711

Deuteranopia

19.0843, 0.4640, 0.4565



Tritanopia

19.1688, 0.4279, 0.3193

Trichromacy



Original Color

19.1267, 0.5060, 0.4175

Protanomaly

19.0306, 0.4574, 0.4507

Deuteranomaly

19.1121, 0.4794, 0.4418

Tritanomaly

19.1350, 0.4655, 0.3628

Monochromacy



Original Color

19.1267, 0.5060, 0.4175

Achromatopsia

17.4647, 0.3127, 0.3290

Achromatomaly

17.4122, 0.3863, 0.3786

CSS Examples

Text

The CSS property to change the color of the text to Yxy 19.1267, 0.5060, 0.4175 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(177, 103, 27)` looks like.

```
.text, #text, p{  
    color:rgb(177, 103, 27)  
}
```

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(177, 103, 27) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(177, 103, 27) }
```

Border

The CSS property to change the border of an element to Yxy 19.1267, 0.5060, 0.4175 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(177, 103, 27) }
```

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

```
.border{ border-color:rgb(177, 103, 27) }
```

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

Here you see how a box with a 4 pixel `rgb(177, 103, 27)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(177, 103, 27); -webkit-box-  
shadow:4px 4px 4px 4px rgb(177, 103, 27);  
box-shadow:4px 4px 4px 4px rgb(177, 103,  
27) }
```


Background

The CSS property to change the background color of an element to Yxy 19.1267, 0.5060, 0.4175 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(177, 103, 27) }
```

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

```
.background{ background-color: rgb(177,  
103, 27) }
```

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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