

Converting Colors

$Y_{xy}(19.1237, 0.5139, 0.4014)$

Have a look what the booklet for
Yxy(19.1237, 0.5139, 0.4014)
contains.

Yxy(19.0531, 0.5141, 0.4006)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

Yxy(19.0531, 0.5141, 0.4006)

Conversions

Conversions Part 1

Format	Color
Hex	B86224
RGB	184, 98, 36
RGB Percent	72%, 38%, 14%
CMY	0.2785, 0.6156, 0.8589
CMYK	0.00, 0.47, 0.80, 0.28
HSL	25°, 67%, 43%
HSV	25°, 80%, 72%
XYZ	24.4513, 19.0531, 4.0570
YIQ	116.6460, 71.1580, -1.0500

Conversions

Conversions Part 2

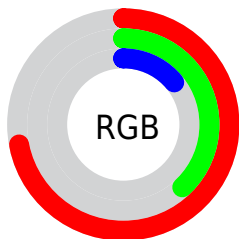
Format	Color
RYB	184, 143, 36
Decimal	12083748
CIELab	50.75, 30.29, 48.28
CIELCh	51, 56.997, 57.903
Yxy	19.0531, 0.5141, 0.4006
Android (android.graphics.Color)	4290273828 (0xFFB86224)
YUV	116.6460, -39.7585, 59.0695
Hunter-Lab	43.6499, 23.6030, 25.0443

Details

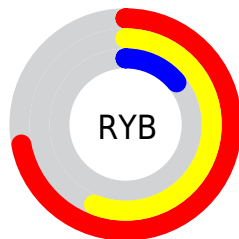
The Yxy color **19.0531, 0.5141, 0.4006** is a dark color, and the websafe version is hex **CC6633**. A complement of this color would be **17.7458, 0.1992, 0.2165**, and the grayscale version is **17.7834, 0.3127, 0.3290**.

A 20% lighter version of the original color is **41.8971, 0.4723, 0.3938**, and **6.5566, 0.5663, 0.3886** is the 20% darker color. If you saturate the color by 10%, you get **17.1004, 0.5416, 0.3974**, and if you desaturate by 10%, it is **21.3327, 0.4837, 0.3987**.

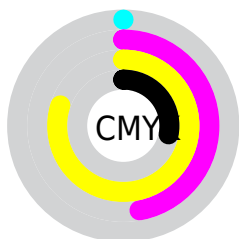
Distribution



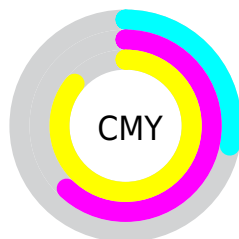
- Red (72%)
- Green (38%)
- Blue (14%)



- Red (72%)
- Yellow (56%)
- Blue (14%)



- Cyan (0%)
- Magenta (47%)
- Yellow (80%)
- Black (28%)





- Cyan (28%)
- Magenta (62%)
- Yellow (86%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 19.0531, 0.5141, 0.4006 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 19.0531, 0.5141, 0.4006 by changing the saturation by 10% instead.


 19.0531, 0.5141,
0.4006


 19.0531, 0.5141,
0.4006


246.7417, 0.4034,
0.3721


 11.7087, 0.5417,
0.4015


 41.8238, 0.4729,
0.3939

 6.5456, 0.5793,
0.4004


 58.0189, 0.4576,
0.3901


 3.1796, 0.6163,
0.3837

 77.9329, 0.4447,
0.3864

 1.2262, 0.6568,
0.3432

 101.9503, 0.4338,
0.3830

 0.0829, 0.9079,
0.0921

 130.4555, 0.4245,
0.3799

 0.0000, 0.0000,
0.0000

 163.8329, 0.4165,

0.3771

202.4668, 0.4095,
0.3745

19.0531, 0.5141,
0.4006

19.0531, 0.5141,
0.4006

17.1004, 0.5416,
0.3974

21.3327, 0.4837,
0.3987

15.5116, 0.5642,
0.3902

23.9538, 0.4526,
0.3927

26.9336, 0.4226,
0.3839

30.2867, 0.3950,
0.3733

34.0270, 0.3703,
0.3621

■ 38.1674, 0.3486,
0.3508

■ 42.7202, 0.3297,
0.3398

■ 47.6973, 0.3134,
0.3294

■ 53.1097, 0.2994,
0.3198

Harmonies

Analogous

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



19.0531, 0.5080, 0.3294



19.0531, 0.5141, 0.4006



19.0531, 0.4600, 0.4736

Triad

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



19.0531, 0.5141, 0.4006



19.0531, 0.1945, 0.3967



19.0531, 0.2265, 0.1826

Complementary

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



19.0531, 0.5141, 0.4006



17.7458, 0.1992, 0.2165

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.



19.0531, 0.1670, 0.1796



19.0531, 0.5141, 0.4006



19.0531, 0.1495, 0.2802

Square

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



19.0531, 0.5141, 0.4006



19.0531, 0.2762, 0.5042



19.0531, 0.1420, 0.2085



19.0531, 0.3215, 0.2124

Rectangle

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



19.0531, 0.5141, 0.4006



19.0531, 0.4041, 0.5133



19.0531, 0.1420, 0.2085



19.0531, 0.2026, 0.1785

Sweetspot

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



19.0541, 0.5141, 0.4006



66.1352, 0.3568, 0.3552



12.8633, 0.4233, 0.2275



13.6888, 0.3646, 0.3592



93.3107, 0.3127, 0.3290



18.7317, 0.3127, 0.3290

Same Dimension

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



19.0541, 0.5141, 0.4006



28.5165, 0.5604, 0.3909



39.6905, 0.4242, 0.4843



9.6141, 0.3278, 0.3386



10.8253, 0.5621, 0.3919



0.5046, 0.5165, 0.4281

Inverse Universe

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



17.7458, 0.1992, 0.2165



25.7435, 0.1859, 0.1878



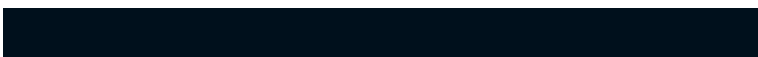
5.9756, 0.1675, 0.0958



9.5627, 0.2985, 0.3192



9.7587, 0.1854, 0.1875



0.4635, 0.1967, 0.2279

Previews

White Background



This preview shows how the Yxy color 19.0531, 0.5141, 0.4006 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 19.0531, 0.5141, 0.4006 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

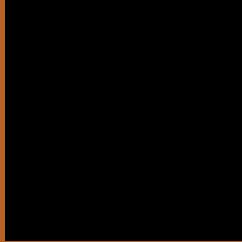
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 19.0531, 0.5141, 0.4006

Background



This preview shows how black text looks on a background with the Yxy color 19.0531, 0.5141, 0.4006.



This preview shows how white text looks on a background with the Yxy color 19.0531, 0.5141, 0.4006.

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

19.0531, 0.5141, 0.4006

Protanopia

19.3205, 0.4189, 0.4617

Deuteranopia

19.1225, 0.4592, 0.4506



Tritanopia

19.1009, 0.4460, 0.3212

Trichromacy



Original Color

19.0531, 0.5141, 0.4006

Protanomaly

18.7358, 0.4543, 0.4382

Deuteranomaly

18.9341, 0.4794, 0.4314

Tritanomaly

18.9525, 0.4775, 0.3546

Monochromacy



Original Color

19.0531, 0.5141, 0.4006

Achromatopsia

17.7888, 0.3127, 0.3290

Achromatomaly

17.5192, 0.3858, 0.3689

CSS Examples

Text

The CSS property to change the color of the text to Yxy 19.0531, 0.5141, 0.4006 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(184, 98, 36)` looks like.

```
.text, #text, p{  
    color:rgb(184, 98, 36)  
}
```

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(184, 98, 36) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(184, 98, 36) }
```

Border

The CSS property to change the border of an element to Yxy 19.0531, 0.5141, 0.4006 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(184, 98, 36) }
```

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

```
.border{ border-color:rgb(184, 98, 36) }
```

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

Here you see how a box with a 4 pixel `rgb(184, 98, 36)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(184, 98, 36); -webkit-box-  
shadow:4px 4px 4px 4px rgb(184, 98, 36);  
box-shadow:4px 4px 4px 4px rgb(184, 98,  
36) }
```


Background

The CSS property to change the background color of an element to Yxy 19.0531, 0.5141, 0.4006 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(184, 98, 36) }
```

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

```
.background{ background-color: rgb(184, 98,  
36) }
```

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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