

Converting Colors

$Yxy(18.4313, 0.5399, 0.4091)$

Have a look what the booklet for
Yxy(18.4313, 0.5399, 0.4091)
contains.

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Color

Yxy(18.4467, 0.5389, 0.4098)

Conversions

Conversions Part 1

Format	Color
Hex	BA5E01
RGB	186, 94, 1
RGB Percent	73%, 37%, 0%
CMY	0.2706, 0.6314, 0.9963
CMYK	0.00, 0.49, 0.99, 0.27
HSL	30°, 99%, 37%
HSV	30°, 99%, 73%
XYZ	24.2580, 18.4467, 2.3092
YIQ	110.9060, 84.6850, -9.4190

Conversions

Conversions Part 2

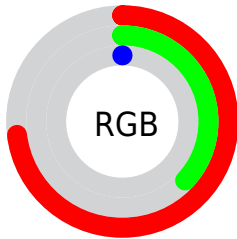
Format	Color
R_{YB}	184, 186, 1
Decimal	12213761
CIE _{Lab}	50.03, 32.53, 58.49
CIE _{LCh}	50, 66.928, 60.918
Yxy	18.4467, 0.5389, 0.4098
Android (android.graphics.Color)	4290403841 (0xFFBA5E01)
YUV	110.9060, -54.1837, 65.8574
Hunter-Lab	42.9496, 25.6552, 26.8770

Details

The Yxy color **18.4467, 0.5389, 0.4098** is a dark color, and the websafe version is hex **CC6600**. A complement of this color would be **11.3708, 0.1772, 0.1576**, and the grayscale version is **16.0087, 0.3127, 0.3290**.

A 20% lighter version of the original color is **40.8731, 0.4953, 0.4058**, and **6.3124, 0.5759, 0.3809** is the 20% darker color. If you saturate the color by 10%, you get **18.3617, 0.5399, 0.4095**, and if you desaturate by 10%, it is **20.2389, 0.5184, 0.4156**.

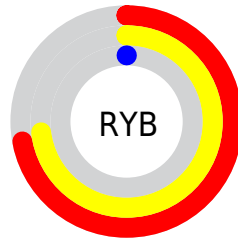
Distribution



Red (73%)

Green (37%)

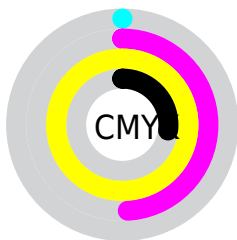
Blue (0%)



Red (72%)

Yellow (73%)

Blue (0%)

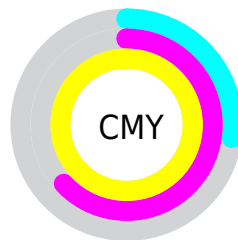


Cyan (0%)

Magenta (49%)

Yellow (99%)

Black (27%)



Cyan (27%)

Magenta (63%)

Yellow (100%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 18.4467, 0.5389, 0.4098 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 18.4467, 0.5389, 0.4098 by changing the saturation by 10% instead.


 18.4467, 0.5389,
0.4098

 18.4467, 0.5389,
0.4098


243.3770, 0.4185,
0.3821


 11.2712, 0.5659,
0.4075


 40.7970, 0.4962,
0.4057


 6.2495, 0.5998,
0.4002

 56.7406, 0.4795,
0.4021

 2.9974, 0.6271,
0.3729

 76.3757, 0.4653,
0.3983

 1.1304, 0.6710,
0.3290

 100.0866, 0.4531,
0.3946


 0.0037, 0.9954,
0.0046


 128.2578, 0.4426,
0.3911


 0.0000, 0.0000,
0.0000


 161.2737, 0.4335,


0.3879


 199.5186, 0.4255,
0.3849


 18.4467, 0.5389,
0.4098


 18.4467, 0.5389,
0.4098


 18.3617, 0.5399,
0.4095

 20.2389, 0.5184,
0.4156

 22.2790, 0.4946,
0.4166

 24.5890, 0.4682,
0.4125

 27.1828, 0.4410,
0.4043

 30.0729, 0.4143,
0.3933

■ 33.2707, 0.3893,
0.3806

■ 36.7868, 0.3664,
0.3672

■ 40.6314, 0.3459,
0.3537

■ 44.8138, 0.3278,
0.3407

Harmonies

Analogous

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



18.4467, 0.5463, 0.3312



18.4467, 0.5389, 0.4098



18.4467, 0.4661, 0.4960

Triad

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



18.4467, 0.5389, 0.4098



18.4467, 0.1671, 0.3929



18.4467, 0.2214, 0.1654

Complementary

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



18.4467, 0.5389, 0.4098



11.3708, 0.1772, 0.1576

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.



18.4467, 0.1521, 0.1582



18.4467, 0.5389, 0.4098



18.4467, 0.1244, 0.2573

Square

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



18.4467, 0.5389, 0.4098



18.4467, 0.2544, 0.5338



18.4467, 0.1215, 0.1839



18.4467, 0.3344, 0.2008

Rectangle

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



18.4467, 0.5389, 0.4098



18.4467, 0.3992, 0.5463



18.4467, 0.1215, 0.1839



18.4467, 0.1934, 0.1598

Sweetspot

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



18.4477, 0.5389, 0.4098



66.0083, 0.3686, 0.3685



11.2587, 0.4948, 0.2503



13.9311, 0.3781, 0.3743



95.5105, 0.3127, 0.3290



19.5994, 0.3127, 0.3290

Same Dimension

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



18.4477, 0.5389, 0.4098



32.7958, 0.5423, 0.4076



45.5597, 0.4192, 0.5051



9.7384, 0.3276, 0.3405



12.5032, 0.5380, 0.4111



0.5645, 0.4996, 0.4415

Inverse Universe

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



11.3708, 0.1772, 0.1576



19.9631, 0.1761, 0.1540



3.5720, 0.1503, 0.0604



9.4372, 0.2985, 0.3172



7.7392, 0.1775, 0.1590



0.3967, 0.1907, 0.2064

Previews

White Background



This preview shows how the Yxy color 18.4467, 0.5389, 0.4098 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 18.4467, 0.5389, 0.4098 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 18.4467, 0.5389, 0.4098

Background



This preview shows how black text looks on a background with the Yxy color 18.4467, 0.5389, 0.4098.



This preview shows how white text looks on a background with the Yxy color 18.4467, 0.5389, 0.4098.

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

18.4467, 0.5389, 0.4098

Protanopia

18.6212, 0.4350, 0.4821

Deuteranopia

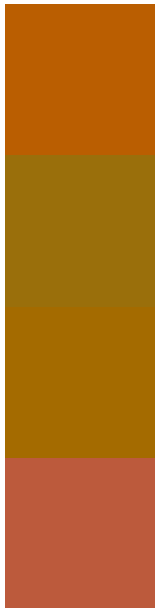
18.6139, 0.4695, 0.4654



Tritanopia

18.4255, 0.4601, 0.3215

Trichromacy



Original Color

18.4467, 0.5389, 0.4098

Protanomaly

18.2631, 0.4748, 0.4546

Deuteranomaly

18.4079, 0.4963, 0.4442

Tritanomaly

18.3299, 0.5040, 0.3664

Monochromacy



Original Color

18.4467, 0.5389, 0.4098

Achromatopsia

15.8961, 0.3127, 0.3290

Achromatomaly

15.9614, 0.4086, 0.3913

CSS Examples

Text

The CSS property to change the color of the text to Yxy 18.4467, 0.5389, 0.4098 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(186, 94, 1)` looks like.

```
.text, #text, p{  
    color:rgb(186, 94, 1)  
}
```

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(186, 94, 1) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(186, 94, 1) }
```

Border

The CSS property to change the border of an element to Yxy 18.4467, 0.5389, 0.4098 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(186, 94, 1) }
```

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

```
.border{ border-color:rgb(186, 94, 1) }
```

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

Here you see how a box with a 4 pixel `rgb(186, 94, 1)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(186, 94, 1); -webkit-box-  
shadow:4px 4px 4px 4px rgb(186, 94, 1);  
box-shadow:4px 4px 4px 4px rgb(186, 94, 1)  
}
```


Background

The CSS property to change the background color of an element to Yxy 18.4467, 0.5389, 0.4098 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(186, 94, 1) }
```

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

```
.background{ background-color: rgb(186, 94,  
1) }
```

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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