

Converting Colors

$Yxy(19.0124, 0.5166, 0.3970)$

Have a look what the booklet for
Yxy(19.0124, 0.5166, 0.3970)
contains.

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Color

Yxy(19.1221, 0.5167, 0.3975)

Conversions

Conversions Part 1

Format	Color
Hex	BA6125
RGB	186, 97, 37
RGB Percent	73%, 38%, 15%
CMY	0.2706, 0.6196, 0.8551
CMYK	0.00, 0.48, 0.80, 0.27
HSL	24°, 67%, 44%
HSV	24°, 80%, 73%
XYZ	24.8563, 19.1221, 4.1275
YIQ	116.7710, 72.3040, 0.2080

Conversions

Conversions Part 2

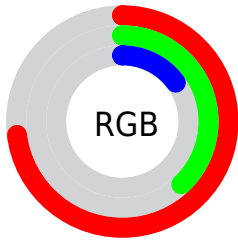
Format	Color
R _Y B	186, 137, 37
Decimal	12214565
CIE Lab	50.83, 31.69, 48.04
CIE LCh	51, 57.547, 56.592
Yxy	19.1221, 0.5167, 0.3975
Android (android.graphics.Color)	4290404645 (0xFFBA6125)
YUV	116.7710, -39.3271, 60.7138
Hunter-Lab	43.7288, 24.9375, 25.0139

Details

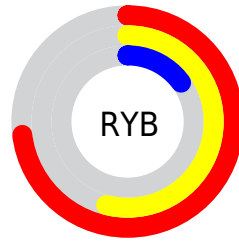
The Yxy color **19.1221, 0.5167, 0.3975** is a dark color, and the websafe version is hex **CC6633**. A complement of this color would be **18.8426, 0.2006, 0.2214**, and the grayscale version is **17.8216, 0.3127, 0.3290**.

A 20% lighter version of the original color is **41.9409, 0.4749, 0.3922**, and **6.6259, 0.5704, 0.3853** is the 20% darker color. If you saturate the color by 10%, you get **17.1239, 0.5450, 0.3941**, and if you desaturate by 10%, it is **21.4691, 0.4854, 0.3958**.

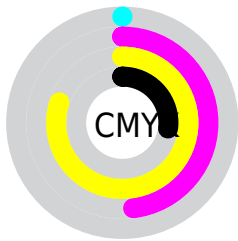
Distribution



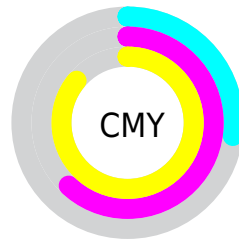
- Red (73%)
- Green (38%)
- Blue (15%)



- Red (73%)
- Yellow (54%)
- Blue (15%)



- Cyan (0%)
- Magenta (48%)
- Yellow (80%)
- Black (27%)





- Cyan (27%)
- Magenta (62%)
- Yellow (86%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 19.1221, 0.5167, 0.3975 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 19.1221, 0.5167, 0.3975 by changing the saturation by 10% instead.

 19.1221, 0.5167,
0.3975


 19.1221, 0.5167,
0.3975


247.1220, 0.4045,
0.3709


 11.7585, 0.5447,
0.3979


 41.9403, 0.4749,
0.3916


 6.5795, 0.5827,
0.3958


 58.1638, 0.4593,
0.3880


 3.2005, 0.6213,
0.3787

 78.1093, 0.4463,
0.3846

 1.2373, 0.6628,
0.3372

 102.1613, 0.4353,
0.3814

 0.0919, 0.9036,
0.0964

 130.7042, 0.4259,
0.3784

 0.0000, 0.0000,
0.0000

 164.1223, 0.4177,

0.3757

202.8001, 0.4107,
0.3732

■ 19.1221, 0.5167,
0.3975

■ 19.1221, 0.5167,
0.3975

■ 17.1239, 0.5450,
0.3941

■ 21.4691, 0.4854,
0.3958

■ 15.4631, 0.5689,
0.3865

■ 24.1810, 0.4535,
0.3901

■ 27.2761, 0.4230,
0.3816

■ 30.7705, 0.3950,
0.3714

■ 34.6789, 0.3700,
0.3605

■ 39.0156, 0.3481,
0.3496

■ 43.7938, 0.3292,
0.3391

■ 49.0262, 0.3129,
0.3291

■ 54.7252, 0.2989,
0.3199

Harmonies

Analogous

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



19.1221, 0.5076, 0.3262



19.1221, 0.5167, 0.3975



19.1221, 0.4641, 0.4712

Triad

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



19.1221, 0.5167, 0.3975



19.1221, 0.1965, 0.4028



19.1221, 0.2224, 0.1810

Complementary

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



19.1221, 0.5167, 0.3975



18.8426, 0.2006, 0.2214

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.



19.1221, 0.1643, 0.1792



19.1221, 0.5167, 0.3975



19.1221, 0.1496, 0.2840

Square

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



19.1221, 0.5167, 0.3975



19.1221, 0.2798, 0.5090



19.1221, 0.1406, 0.2098



19.1221, 0.3167, 0.2098

Rectangle

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



19.1221, 0.5167, 0.3975



19.1221, 0.4084, 0.5125



19.1221, 0.1406, 0.2098



19.1221, 0.1989, 0.1772

Sweetspot

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



19.1231, 0.5167, 0.3975



67.2738, 0.3571, 0.3543



13.2746, 0.4179, 0.2246



14.2011, 0.3650, 0.3582



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.



19.1231, 0.5167, 0.3975



28.7238, 0.5628, 0.3882



39.7304, 0.4264, 0.4819



9.5904, 0.3278, 0.3383



10.5429, 0.5666, 0.3883



0.4939, 0.5198, 0.4255

Inverse Universe

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



18.8426, 0.2006, 0.2214



27.8368, 0.1880, 0.1949



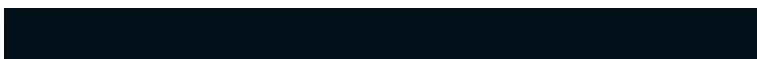
6.3809, 0.1686, 0.0992



9.5870, 0.2985, 0.3196



10.1907, 0.1870, 0.1932



0.4772, 0.1978, 0.2320

Previews

White Background



This preview shows how the Yxy color 19.1221, 0.5167, 0.3975 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 19.1221, 0.5167, 0.3975 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 19.1221, 0.5167, 0.3975

Background



This preview shows how black text looks on a background with the Yxy color 19.1221, 0.5167, 0.3975.



This preview shows how white text looks on a background with the Yxy color 19.1221, 0.5167, 0.3975.

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

19.1221, 0.5167, 0.3975

Protanopia

19.3352, 0.4174, 0.4594

Deuteranopia

19.1275, 0.4586, 0.4498



Tritanopia

19.1641, 0.4508, 0.3213

Trichromacy



Original Color

19.1221, 0.5167, 0.3975

Protanomaly

18.8404, 0.4547, 0.4364

Deuteranomaly

18.8343, 0.4813, 0.4286

Tritanomaly

19.0281, 0.4808, 0.3529

Monochromacy



Original Color

19.1221, 0.5167, 0.3975

Achromatopsia

17.7888, 0.3127, 0.3290

Achromatomaly

17.6072, 0.3872, 0.3687

CSS Examples

Text

The CSS property to change the color of the text to Yxy 19.1221, 0.5167, 0.3975 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, 97, 37)` looks like.

```
.text, #text, p{  
    color:rgb(186, 97, 37)  
}
```

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, 97, 37) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(186, 97, 37) }
```

Border

The CSS property to change the border of an element to Yxy 19.1221, 0.5167, 0.3975 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, 97, 37) }
```

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

```
.border{ border-color:rgb(186, 97, 37) }
```

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

Here you see how a box with a 4 pixel rgb(186, 97, 37) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(186, 97, 37); -webkit-box-  
shadow:4px 4px 4px 4px rgb(186, 97, 37);  
box-shadow:4px 4px 4px 4px rgb(186, 97,  
37) }
```


Background

The CSS property to change the background color of an element to Yxy 19.1221, 0.5167, 0.3975 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(186, 97, 37) }
```

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

```
.background{ background-color: rgb(186, 97,  
37) }
```

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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