

Converting Colors

$Y_{xy}(19.2908, 0.5174, 0.4248)$

Have a look what the booklet for
Yxy(19.2908, 0.5174, 0.4248)
contains.

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Color

Yxy(19.2952, 0.5170, 0.4251)

Conversions

Conversions Part 1

Format	Color
Hex	B36705
RGB	179, 103, 5
RGB Percent	70%, 40%, 2%
CMY	0.2981, 0.5960, 0.9808
CMYK	0.00, 0.42, 0.97, 0.30
HSL	34°, 95%, 36%
HSV	34°, 97%, 70%
XYZ	23.4665, 19.2952, 2.6281
YIQ	114.5520, 76.7540, -14.3660

Conversions

Conversions Part 2

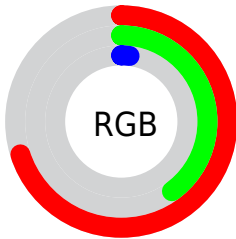
Format	Color
R_{YB}	140, 179, 5
Decimal	11757317
CIE _{Lab}	51.03, 24.74, 57.77
CIE _{LCh}	51, 62.847, 66.814
Yxy	19.2952, 0.5170, 0.4251
Android (android.graphics.Color)	4289947397 (0xFFB36705)
YUV	114.5520, -54.0091, 56.5209
Hunter-Lab	43.9263, 18.4881, 27.2011

Details

The Yxy color **19.2952, 0.5170, 0.4251** is a dark color, and the websafe version is hex **996600**. A complement of this color would be **9.1534, 0.1736, 0.1428**, and the grayscale version is **17.1483, 0.3127, 0.3290**.

A 20% lighter version of the original color is **42.3613, 0.4779, 0.4163**, and **6.7254, 0.5471, 0.4038** is the 20% darker color. If you saturate the color by 10%, you get **18.8654, 0.5219, 0.4238**, and if you desaturate by 10%, it is **20.9742, 0.4987, 0.4285**.

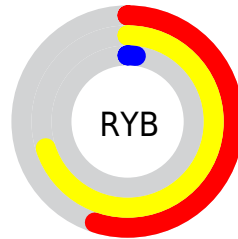
Distribution



Red (70%)

Green (40%)

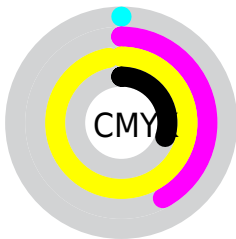
Blue (2%)



Red (55%)

Yellow (70%)

Blue (2%)

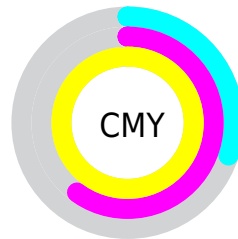


Cyan (0%)

Magenta (42%)

Yellow (97%)

Black (30%)



Cyan (30%)


Magenta (60%)


Yellow (98%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 19.2952, 0.5170, 0.4251 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 19.2952, 0.5170, 0.4251 by changing the saturation by 10% instead.


 19.2952, 0.5170,
0.4251

 19.2952, 0.5170,
0.4251


248.0736, 0.4089,
0.3863


 11.8838, 0.5408,
0.4267


 42.2323, 0.4788,
0.4159


 6.6646, 0.5731,
0.4269


 58.5268, 0.4638,
0.4107

 3.2532, 0.5943,
0.4057

 78.5511, 0.4511,
0.4057

 1.2653, 0.6288,
0.3712

 102.6896, 0.4401,
0.4011

 0.1141, 0.8620,
0.1380


 131.3267, 0.4307,
0.3969

 0.0000, 0.0000,
0.0000


 164.8468, 0.4225,

0.3930


 203.6343, 0.4153,
0.3895


 19.2952, 0.5170,
0.4251


 19.2952, 0.5170,
0.4251


 18.8654, 0.5219,
0.4238

 20.9742, 0.4987,
0.4285

 22.8478, 0.4772,
0.4269

 24.9308, 0.4534,
0.4205

 27.2335, 0.4289,
0.4102

 29.7654, 0.4046,
0.3974

■ 32.5348, 0.3817,
0.3830

■ 35.5498, 0.3604,
0.3681

■ 38.8177, 0.3412,
0.3533

■ 42.3457, 0.3240,
0.3389

Harmonies

Analogous

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



19.2952, 0.5357, 0.3482



19.2952, 0.5170, 0.4251



19.2952, 0.4428, 0.5038

Triad

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



19.2952, 0.5170, 0.4251



19.2952, 0.1653, 0.3608



19.2952, 0.2454, 0.1788

Complementary

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



19.2952, 0.5170, 0.4251



9.1534, 0.1736, 0.1428

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.



19.2952, 0.1709, 0.1666



19.2952, 0.5170, 0.4251



19.2952, 0.1314, 0.2455

Square

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



19.2952, 0.5170, 0.4251



19.2952, 0.2415, 0.4962



19.2952, 0.1345, 0.1852



19.2952, 0.3577, 0.2178

Rectangle

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



19.2952, 0.5170, 0.4251



19.2952, 0.3778, 0.5418



19.2952, 0.1345, 0.1852



19.2952, 0.2160, 0.1716

Sweetspot

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



19.2962, 0.5170, 0.4251



62.4325, 0.3650, 0.3715



10.3175, 0.5093, 0.2600



13.3241, 0.3739, 0.3778



91.1408, 0.3127, 0.3290



17.8868, 0.3127, 0.3290

Same Dimension

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



19.2962, 0.5170, 0.4251



33.3357, 0.5240, 0.4221



40.8264, 0.4103, 0.5109



9.2732, 0.3274, 0.3418



13.4636, 0.5203, 0.4250



0.5372, 0.4852, 0.4530

Inverse Universe

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



9.1534, 0.1736, 0.1428



15.1904, 0.1708, 0.1347



3.4510, 0.1530, 0.0631



8.8200, 0.2985, 0.3158



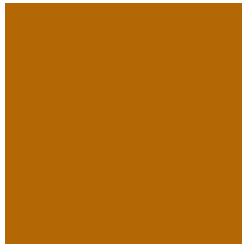
6.2877, 0.1722, 0.1398



0.3147, 0.1876, 0.1955

Previews

White Background



This preview shows how the Yxy color 19.2952, 0.5170, 0.4251 looks on a white background.

Color Contrast Check

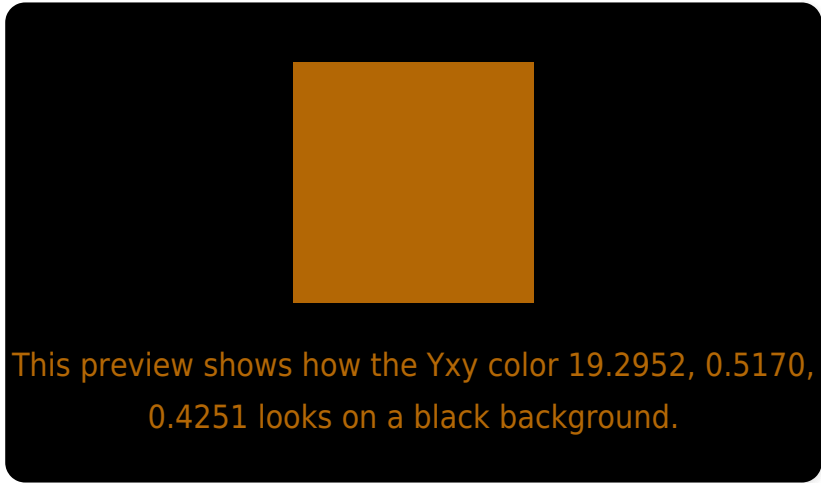
Large Text (above 18pt) WCAG AA ✓ Pass

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 19.2952, 0.5170, 0.4251

Background



This preview shows how black text looks on a background with the Yxy color 19.2952, 0.5170, 0.4251.



This preview shows how white text looks on a background with the Yxy color 19.2952, 0.5170, 0.4251.

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

19.2952, 0.5170, 0.4251

Protanopia

19.3568, 0.4366, 0.4821

Deuteranopia

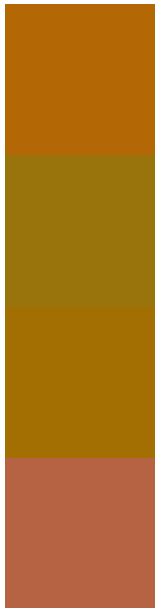
19.3608, 0.4700, 0.4650



Tritanopia

19.4123, 0.4305, 0.3194

Trichromacy



Original Color

19.2952, 0.5170, 0.4251

Protanomaly

19.0579, 0.4673, 0.4608

Deuteranomaly

19.1598, 0.4880, 0.4496

Tritanomaly

19.2740, 0.4784, 0.3723

Monochromacy



Original Color

19.2952, 0.5170, 0.4251

Achromatopsia

17.1441, 0.3127, 0.3290

Achromatomaly

17.2802, 0.3982, 0.3946

CSS Examples

Text

The CSS property to change the color of the text to Yxy 19.2952, 0.5170, 0.4251 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(179, 103, 5)` looks like.

```
.text, #text, p{  
    color:rgb(179, 103, 5)  
}
```

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(179, 103, 5) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(179, 103, 5) }
```

Border

The CSS property to change the border of an element to Yxy 19.2952, 0.5170, 0.4251 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(179, 103, 5) }
```

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

```
.border{ border-color:rgb(179, 103, 5) }
```

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

Here you see how a box with a 4 pixel rgb(179, 103, 5) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(179, 103, 5); -webkit-box-  
shadow:4px 4px 4px 4px rgb(179, 103, 5);  
box-shadow:4px 4px 4px 4px rgb(179, 103,  
5) }
```


Background

The CSS property to change the background color of an element to Yxy 19.2952, 0.5170, 0.4251 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(179, 103, 5) }
```

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

```
.background{ background-color: rgb(179,  
103, 5) }
```

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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