

Converting Colors

$Yxy(19.7947, 0.4690, 0.4252)$

Have a look what the booklet for
Yxy(19.7947, 0.4690, 0.4252)
contains.

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Color

Yxy(19.7621, 0.4681, 0.4253)

Conversions

Conversions Part 1

Format	Color
Hex	A5702B
RGB	165, 112, 43
RGB Percent	65%, 44%, 17%
CMY	0.3529, 0.5608, 0.8314
CMYK	0.00, 0.32, 0.74, 0.35
HSL	34°, 59%, 41%
HSV	34°, 74%, 65%
XYZ	21.7509, 19.7621, 4.9533
YIQ	119.9810, 53.7370, -10.2230

Conversions

Conversions Part 2

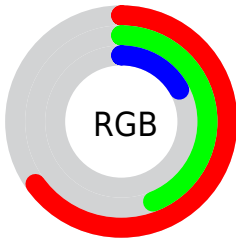
Format	Color
R_{YB}	137, 165, 43
Decimal	10842155
CIE _{Lab}	51.57, 14.59, 45.10
CIE _{LCh}	52, 47.401, 72.068
Yxy	19.7621, 0.4681, 0.4253
Android (android.graphics.Color)	4289032235 (0xFFA5702B)
YUV	119.9810, -37.9516, 39.4817
Hunter-Lab	44.4546, 9.5414, 24.5119

Details

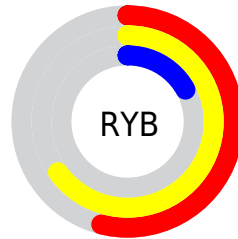
The Yxy color **19.7621, 0.4681, 0.4253** is a dark color, and the websafe version is hex **996633**. A complement of this color would be **11.6020, 0.1970, 0.1908**, and the grayscale version is **18.8875, 0.3127, 0.3290**.

A 20% lighter version of the original color is **43.1885, 0.4362, 0.4096**, and **6.9180, 0.5099, 0.4333** is the 20% darker color. If you saturate the color by 10%, you get **18.1455, 0.4904, 0.4289**, and if you desaturate by 10%, it is **21.5558, 0.4441, 0.4173**.

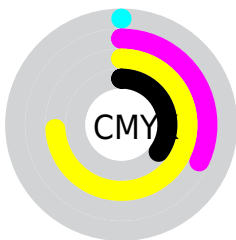
Distribution



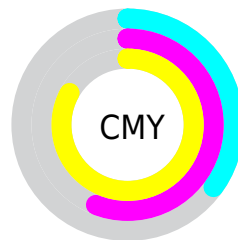
- Red (65%)
- Green (44%)
- Blue (17%)



- Red (54%)
- Yellow (65%)
- Blue (17%)



- Cyan (0%)
- Magenta (32%)
- Yellow (74%)
- Black (35%)





- Cyan (35%)
- Magenta (56%)
- Yellow (83%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 19.7621, 0.4681, 0.4253 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 19.7621, 0.4681, 0.4253 by changing the saturation by 10% instead.


 19.7621, 0.4681,
0.4253


 19.7621, 0.4681,
0.4253


250.6243, 0.3831,
0.3781


 12.2222, 0.4895,
0.4338


 43.0180, 0.4364,
0.4097


 6.8952, 0.5163,
0.4419


 59.5028, 0.4246,
0.4033

 3.3967, 0.5518,
0.4482

 79.7380, 0.4147,
0.3976

 1.3422, 0.5736,
0.4264

 104.1080, 0.4064,
0.3927

 0.1735, 0.7502,
0.2498

 132.9973, 0.3993,
0.3883

 0.0000, 0.0000,
0.0000

 166.7901, 0.3931,

0.3845

205.8710, 0.3878,
0.3811

■ 19.7621, 0.4681,
0.4253

■ 19.7621, 0.4681,
0.4253

■ 18.1455, 0.4904,
0.4289

■ 21.5558, 0.4441,
0.4173

■ 16.6937, 0.5097,
0.4273

■ 23.5316, 0.4198,
0.4060

■ 15.8844, 0.5206,
0.4249

■ 25.6980, 0.3961,
0.3925

■ 28.0616, 0.3739,
0.3780

■ 30.6288, 0.3535,
0.3630

■ 33.4056, 0.3351,
0.3484

■ 36.3976, 0.3187,
0.3343

■ 39.6102, 0.3041,
0.3211

■ 43.0485, 0.2913,
0.3088

Harmonies

Analogous

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



19.7621, 0.4854, 0.3627



19.7621, 0.4681, 0.4253



19.7621, 0.4091, 0.4775

Triad

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



19.7621, 0.4681, 0.4253



19.7621, 0.1911, 0.3383



19.7621, 0.2759, 0.2128

Complementary

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



19.7621, 0.4681, 0.4253



11.6020, 0.1970, 0.1908

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.



19.7621, 0.2091, 0.1990



19.7621, 0.4681, 0.4253



19.7621, 0.1660, 0.2571

Square

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



19.7621, 0.4681, 0.4253



19.7621, 0.2492, 0.4343



19.7621, 0.1726, 0.2118



19.7621, 0.3646, 0.2490

Rectangle

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



19.7621, 0.4681, 0.4253



19.7621, 0.3568, 0.4924



19.7621, 0.1726, 0.2118



19.7621, 0.2504, 0.2055

Sweetspot

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



19.7631, 0.4681, 0.4253



55.5784, 0.3505, 0.3608



10.6096, 0.4447, 0.2538



11.8844, 0.3554, 0.3645



82.7571, 0.3127, 0.3290



14.7319, 0.3127, 0.3290

Same Dimension

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



19.7631, 0.4681, 0.4253



30.7176, 0.5037, 0.4284



34.4559, 0.4021, 0.4916



7.7193, 0.3272, 0.3417



12.1138, 0.5193, 0.4259



0.3463, 0.4746, 0.4614

Inverse Universe

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



11.6020, 0.1970, 0.1908



15.4470, 0.1791, 0.1561



5.1006, 0.1780, 0.1017



7.3427, 0.2987, 0.3160



5.6287, 0.1722, 0.1400



0.2116, 0.1921, 0.2115

Previews

White Background



This preview shows how the Yxy color 19.7621, 0.4681, 0.4253 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 19.7621, 0.4681, 0.4253 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 19.7621, 0.4681, 0.4253

Background



This preview shows how black text looks on a background with the Yxy color 19.7621, 0.4681, 0.4253.



This preview shows how white text looks on a background with the Yxy color 19.7621, 0.4681, 0.4253.

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

19.7621, 0.4681, 0.4253

Protanopia

20.0158, 0.4162, 0.4582

Deuteranopia

19.7527, 0.4495, 0.4420



Tritanopia

19.7304, 0.3918, 0.3169

Trichromacy



Original Color

19.7621, 0.4681, 0.4253

Protanomaly

19.9183, 0.4348, 0.4463

Deuteranomaly

19.6977, 0.4563, 0.4353

Tritanomaly

19.7545, 0.4243, 0.3602

Monochromacy



Original Color

19.7621, 0.4681, 0.4253

Achromatopsia

18.7821, 0.3127, 0.3290

Achromatomaly

18.7295, 0.3693, 0.3750

CSS Examples

Text

The CSS property to change the color of the text to Yxy 19.7621, 0.4681, 0.4253 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(165, 112, 43)` looks like.

```
.text, #text, p{  
    color:rgb(165, 112, 43)  
}
```

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(165, 112, 43) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(165, 112, 43) }
```

Border

The CSS property to change the border of an element to Yxy 19.7621, 0.4681, 0.4253 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(165, 112, 43) }
```

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

```
.border{ border-color:rgb(165, 112, 43) }
```

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

Here you see how a box with a 4 pixel `rgb(165, 112, 43)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(165, 112, 43); -webkit-box-  
shadow:4px 4px 4px 4px rgb(165, 112, 43);  
box-shadow:4px 4px 4px 4px rgb(165, 112,  
43) }
```


Background

The CSS property to change the background color of an element to Yxy 19.7621, 0.4681, 0.4253 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(165, 112, 43) }
```

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

```
.background{ background-color: rgb(165,  
112, 43) }
```

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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