

Converting Colors

$Y_{xy}(21.9045, 0.4868, 0.3860)$

Have a look what the booklet for
Yxy(21.9045, 0.4868, 0.3860)
contains.

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Color

Yxy(21.9287, 0.4865, 0.3867)

Conversions

Conversions Part 1

Format	Color
Hex	BF6B3D
RGB	191, 107, 61
RGB Percent	75%, 42%, 24%
CMY	0.2509, 0.5804, 0.7609
CMYK	0.00, 0.44, 0.68, 0.25
HSL	21°, 52%, 49%
HSV	21°, 68%, 75%
XYZ	27.5881, 21.9287, 7.1905
YIQ	126.8720, 64.8300, 3.5020

Conversions

Conversions Part 2

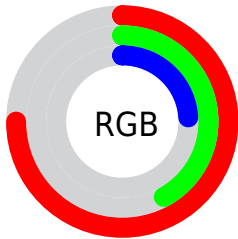
Format	Color
RYB	191, 132, 61
Decimal	12544829
CIELab	53.95, 29.54, 39.77
CIElCh	54, 49.536, 53.394
Yxy	21.9287, 0.4865, 0.3867
Android (android.graphics.Color)	4290734909 (0xFFBF6B3D)
YUV	126.8720, -32.4749, 56.2403
Hunter-Lab	46.8281, 23.2115, 23.6756

Details

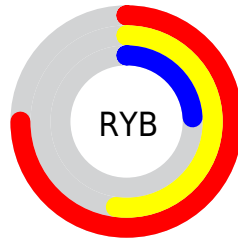
The Yxy color **21.9287, 0.4865, 0.3867** is a dark color, and the websafe version is hex **CC6633**. A complement of this color would be **25.0032, 0.2157, 0.2514**, and the grayscale version is **21.2740, 0.3127, 0.3290**.

A 20% lighter version of the original color is **46.6175, 0.4508, 0.3796**, and **7.9634, 0.5435, 0.3896** is the 20% darker color. If you saturate the color by 10%, you get **19.3671, 0.5206, 0.3883**, and if you desaturate by 10%, it is **24.9332, 0.4525, 0.3814**.

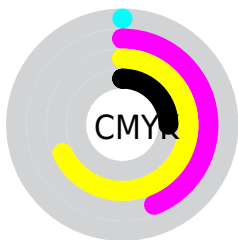
Distribution



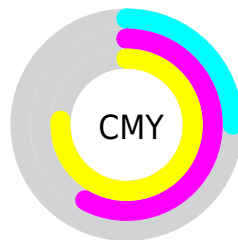
- Red (75%)
- Green (42%)
- Blue (24%)



- Red (75%)
- Yellow (52%)
- Blue (24%)



- Cyan (0%)
- Magenta (44%)
- Yellow (68%)
- Black (25%)




- Cyan (25%)
- Magenta (58%)
- Yellow (76%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 21.9287, 0.4865, 0.3867 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 21.9287, 0.4865, 0.3867 by changing the saturation by 10% instead.


 21.9287, 0.4865,
0.3867


 21.9287, 0.4865,
0.3867


262.1737, 0.3905,
0.3623


 13.8045, 0.5120,
0.3893


 46.6281, 0.4500,
0.3799


 7.9848, 0.5444,
0.3895


 63.9722, 0.4367,
0.3766

 4.0852, 0.5983,
0.3915

 85.1583, 0.4257,
0.3736

 1.7214, 0.6381,
0.3619

 110.5708, 0.4164,
0.3708

 0.4374, 0.7283,
0.2717

 140.5943, 0.4085,
0.3684

 0.0000, 1.0000,
0.0000

 175.6130, 0.4016,

 0.0000, 0.0000,

0.3661

0.0000

216.0113, 0.3957,
0.3641

■ 21.9287, 0.4865,
0.3867

■ 21.9287, 0.4865,
0.3867

■ 19.3671, 0.5206,
0.3883

■ 24.9332, 0.4525,
0.3814

■ 17.2213, 0.5519,
0.3850

■ 28.3987, 0.4205,
0.3736

■ 15.4632, 0.5780,
0.3771

■ 32.3463, 0.3916,
0.3645

■ 15.1640, 0.5827,
0.3755

■ 36.7948, 0.3663,
0.3549

■ 41.7616, 0.3444,
0.3453

■ 47.2635, 0.3258,
0.3360

■ 53.3164, 0.3099,
0.3274

■ 59.9355, 0.2963,
0.3194

■ 67.1353, 0.2848,
0.3120

Harmonies

Analogous

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



21.9287, 0.4693, 0.3240



21.9287, 0.4865, 0.3867



21.9287, 0.4506, 0.4482

Triad

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



21.9287, 0.4865, 0.3867



21.9287, 0.2229, 0.4002



21.9287, 0.2302, 0.2003

Complementary

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



21.9287, 0.4865, 0.3867



25.0032, 0.2157, 0.2514

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.



21.9287, 0.1818, 0.2026



21.9287, 0.4865, 0.3867



21.9287, 0.1766, 0.3035

Square

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



21.9287, 0.4865, 0.3867



21.9287, 0.2974, 0.4783



21.9287, 0.1638, 0.2349



21.9287, 0.3077, 0.2233

Rectangle

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



21.9287, 0.4865, 0.3867



21.9287, 0.4064, 0.4804



21.9287, 0.1638, 0.2349



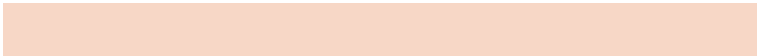
21.9287, 0.2106, 0.1981

Sweetspot

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



21.9299, 0.4865, 0.3867



72.7078, 0.3491, 0.3474



16.4734, 0.3853, 0.2243



15.4023, 0.3551, 0.3501



97.7402, 0.3127, 0.3290



20.4902, 0.3127, 0.3290

Same Dimension

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



21.9299, 0.4865, 0.3867



32.5842, 0.5374, 0.3872



40.7333, 0.4201, 0.4626



10.0740, 0.3280, 0.3372



10.1028, 0.5803, 0.3774



0.5206, 0.5339, 0.4143

Inverse Universe

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



25.0032, 0.2157, 0.2514



38.1669, 0.2016, 0.2308



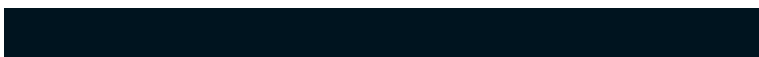
10.5623, 0.1888, 0.1401



10.2258, 0.2985, 0.3207



12.0042, 0.1918, 0.2103



0.5891, 0.2006, 0.2420

Previews

White Background



This preview shows how the Yxy color 21.9287, 0.4865, 0.3867 looks on a white background.

Color Contrast Check

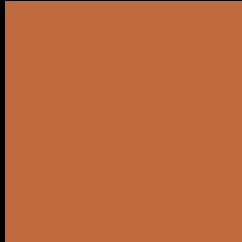
Large Text (above 18pt) WCAG AA ✓ Pass

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 21.9287, 0.4865, 0.3867 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

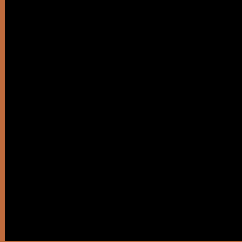
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 21.9287, 0.4865, 0.3867

Background



This preview shows how black text looks on a background with the Yxy color 21.9287, 0.4865, 0.3867.



This preview shows how white text looks on a background with the Yxy color 21.9287, 0.4865, 0.3867.

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

21.9287, 0.4865, 0.3867

Protanopia

22.2223, 0.3971, 0.4335

Deuteranopia

21.9349, 0.4361, 0.4286



Tritanopia

21.8808, 0.4319, 0.3186

Trichromacy



Original Color

21.9287, 0.4865, 0.3867

Protanomaly

21.7743, 0.4293, 0.4171

Deuteranomaly

21.6860, 0.4553, 0.4128

Tritanomaly

21.8107, 0.4538, 0.3440

Monochromacy



Original Color

21.9287, 0.4865, 0.3867

Achromatopsia

21.2231, 0.3127, 0.3290

Achromatomaly

20.8962, 0.3726, 0.3581

CSS Examples

Text

The CSS property to change the color of the text to Yxy 21.9287, 0.4865, 0.3867 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(191, 107, 61)` looks like.

```
.text, #text, p{  
    color:rgb(191, 107, 61)  
}
```

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(191, 107, 61) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(191, 107, 61) }
```

Border

The CSS property to change the border of an element to Yxy 21.9287, 0.4865, 0.3867 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(191, 107, 61) }
```

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

```
.border{ border-color:rgb(191, 107, 61) }
```

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

Here you see how a box with a 4 pixel rgb(191, 107, 61) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(191, 107, 61); -webkit-box-  
shadow:4px 4px 4px 4px rgb(191, 107, 61);  
box-shadow:4px 4px 4px 4px rgb(191, 107,  
61) }
```


Background

The CSS property to change the background color of an element to Yxy 21.9287, 0.4865, 0.3867 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(191, 107, 61) }
```

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

```
.background{ background-color: rgb(191,  
107, 61) }
```

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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