

Converting Colors

$Y_{xy}(17.9296, 0.4997, 0.3659)$

Have a look what the booklet for
Yxy(17.9296, 0.4997, 0.3659)
contains.

Yxy(17.9635, 0.4995, 0.3662)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(17.9635, 0.4995, 0.3662)

Conversions

Conversions Part 1

Format	Color
Hex	B95A3D
RGB	185, 90, 61
RGB Percent	73%, 35%, 24%
CMY	0.2746, 0.6470, 0.7609
CMYK	0.00, 0.51, 0.67, 0.27
HSL	14°, 50%, 48%
HSV	14°, 67%, 73%
XYZ	24.5024, 17.9635, 6.5879
YIQ	115.0990, 65.9290, 11.1210

Conversions

Conversions Part 2

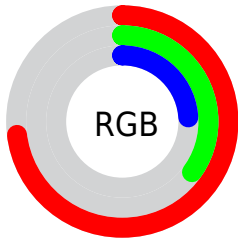
Format	Color
R _Y B	185, 99, 61
Decimal	12147261
CIE Lab	49.45, 36.10, 34.33
CIE LCh	49, 49.818, 43.562
Yxy	17.9635, 0.4995, 0.3662
Android (android.graphics.Color)	4290337341 (0xFFB95A3D)
YUV	115.0990, -26.6708, 61.3032
Hunter-Lab	42.3834, 29.0222, 20.4525

Details

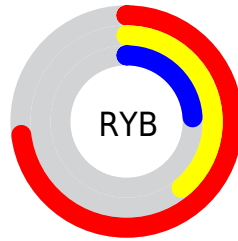
The Yxy color **17.9635, 0.4995, 0.3662** is a dark color, and the websafe version is hex **CC6633**. A complement of this color would be **28.2510, 0.2234, 0.2798**, and the grayscale version is **17.2445, 0.3127, 0.3290**.

A 20% lighter version of the original color is **40.0430, 0.4585, 0.3640**, and **5.9906, 0.5698, 0.3610** is the 20% darker color. If you saturate the color by 10%, you get **15.6315, 0.5390, 0.3663**, and if you desaturate by 10%, it is **20.8217, 0.4604, 0.3631**.

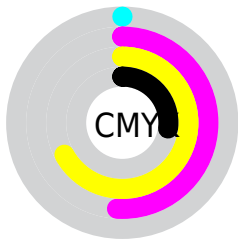
Distribution



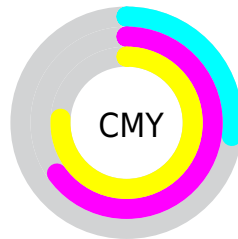
- Red (73%)
- Green (35%)
- Blue (24%)



- Red (73%)
- Yellow (39%)
- Blue (24%)



- Cyan (0%)
- Magenta (51%)
- Yellow (67%)
- Black (27%)





- Cyan (27%)
- Magenta (65%)
- Yellow (76%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 17.9635, 0.4995, 0.3662 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 17.9635, 0.4995, 0.3662 by changing the saturation by 10% instead.


 17.9635, 0.4995,
0.3662


 17.9635, 0.4995,
0.3662


240.6652, 0.3925,
0.3528

 10.9238, 0.5298,
0.3655


 39.9751, 0.4576,
0.3637


 6.0156, 0.5695,
0.3608

 55.7158, 0.4427,
0.3619


 2.8546, 0.6423,
0.3577

 75.1256, 0.4305,
0.3602

 1.0563, 0.6905,
0.3095

 98.5889, 0.4204,
0.3585

 0.0000, 1.0000,
0.0000

 126.4902, 0.4118,
0.3569

 0.0000, 0.0000,
0.0000

 159.2137, 0.4044,

0.3554

197.1439, 0.3981,
0.3541

■ 17.9635, 0.4995,
0.3662

■ 17.9635, 0.4995,
0.3662

■ 15.6315, 0.5390,
0.3663

■ 20.8217, 0.4604,
0.3631

■ 13.7893, 0.5751,
0.3625

■ 24.2335, 0.4245,
0.3581

■ 12.3990, 0.6036,
0.3552

■ 28.2276, 0.3929,
0.3520

■ 12.0631, 0.6110,
0.3530

■ 32.8300, 0.3659,
0.3456

■ 38.0652, 0.3431,
0.3392

■ 43.9559, 0.3241,
0.3331

■ 50.5242, 0.3083,
0.3274

■ 57.7907, 0.2951,
0.3221

■ 65.7755, 0.2841,
0.3174

Harmonies

Analogous

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



17.9635, 0.4614, 0.3018



17.9635, 0.4995, 0.3662



17.9635, 0.4765, 0.4331

Triad

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



17.9635, 0.4995, 0.3662



17.9635, 0.2395, 0.4397



17.9635, 0.2044, 0.1904

Complementary

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



17.9635, 0.4995, 0.3662



28.2510, 0.2234, 0.2798

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.



17.9635, 0.1645, 0.2018



17.9635, 0.4995, 0.3662



17.9635, 0.1799, 0.3330

Square

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



17.9635, 0.4995, 0.3662



17.9635, 0.3242, 0.5034



17.9635, 0.1558, 0.2472



17.9635, 0.2769, 0.2064

Rectangle

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



17.9635, 0.4995, 0.3662



17.9635, 0.4358, 0.4739



17.9635, 0.1558, 0.2472



17.9635, 0.1875, 0.1909

Sweetspot

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



17.9645, 0.4995, 0.3662



64.9737, 0.3502, 0.3412



16.0494, 0.3602, 0.2089



13.4413, 0.3565, 0.3430



93.3107, 0.3127, 0.3290



18.7317, 0.3127, 0.3290

Same Dimension

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



17.9645, 0.4995, 0.3662



26.4877, 0.5551, 0.3652



33.0775, 0.4318, 0.4455



9.3445, 0.3282, 0.3344



8.3109, 0.6089, 0.3547



0.3902, 0.5583, 0.3949

Inverse Universe

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



28.2510, 0.2234, 0.2798



45.8375, 0.2123, 0.2675



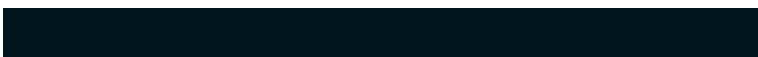
12.5074, 0.1965, 0.1674



9.8444, 0.2985, 0.3235



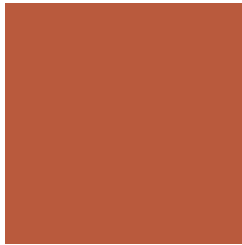
15.6078, 0.2035, 0.2526



0.6383, 0.2096, 0.2745

Previews

White Background



This preview shows how the Yxy color 17.9635, 0.4995, 0.3662 looks on a white 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

Black Background



This preview shows how the Yxy color 17.9635, 0.4995, 0.3662 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 17.9635, 0.4995, 0.3662

Background



This preview shows how black text looks on a background with the Yxy color 17.9635, 0.4995, 0.3662.



This preview shows how white text looks on a background with the Yxy color 17.9635, 0.4995, 0.3662.

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

17.9635, 0.4995, 0.3662

Protanopia

18.0789, 0.3848, 0.4173

Deuteranopia

17.9849, 0.4311, 0.4223



Tritanopia

17.9931, 0.4600, 0.3214

Trichromacy



Original Color

17.9635, 0.4995, 0.3662

Protanomaly

17.5199, 0.4267, 0.3982

Deuteranomaly

17.6797, 0.4568, 0.3996

Tritanomaly

17.8496, 0.4753, 0.3374

Monochromacy



Original Color

17.9635, 0.4995, 0.3662

Achromatopsia

17.1441, 0.3127, 0.3290

Achromatomaly

16.7097, 0.3769, 0.3492

CSS Examples

Text

The CSS property to change the color of the text to Yxy 17.9635, 0.4995, 0.3662 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(185, 90, 61)` looks like.

```
.text, #text, p{  
    color:rgb(185, 90, 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(185, 90, 61) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(185, 90, 61) }
```

Border

The CSS property to change the border of an element to Yxy 17.9635, 0.4995, 0.3662 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(185, 90, 61) }
```

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

```
.border{ border-color:rgb(185, 90, 61) }
```

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

Here you see how a box with a 4 pixel `rgb(185, 90, 61)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(185, 90, 61); -webkit-box-  
shadow:4px 4px 4px 4px rgb(185, 90, 61);  
box-shadow:4px 4px 4px 4px rgb(185, 90,  
61) }
```


Background

The CSS property to change the background color of an element to Yxy 17.9635, 0.4995, 0.3662 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(185, 90, 61) }
```

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

```
.background{ background-color: rgb(185, 90,  
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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor