

Converting Colors

$Y_{xy}(15.9853, 0.4889, 0.3560)$

Have a look what the booklet for
Yxy(15.9853, 0.4889, 0.3560)
contains.

Yxy(15.9926, 0.4883, 0.3569)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(15.9926, 0.4883, 0.3569)

Conversions

Conversions Part 1

Format	Color
Hex	AF5541
RGB	175, 85, 65
RGB Percent	69%, 33%, 25%
CMY	0.3138, 0.6666, 0.7450
CMYK	0.00, 0.51, 0.63, 0.31
HSL	11°, 46%, 47%
HSV	11°, 63%, 69%
XYZ	21.8806, 15.9926, 6.9365
YIQ	109.6300, 60.0600, 12.8600

Conversions

Conversions Part 2

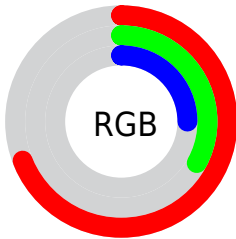
Format	Color
R_{YB}	175, 89, 65
Decimal	11490625
CIE _{Lab}	46.96, 35.04, 28.68
CIE _{LCh}	47, 45.281, 39.303
Yxy	15.9926, 0.4883, 0.3569
Android (android.graphics.Color)	4289680705 (0xFFAF5541)
YUV	109.6300, -22.0026, 57.3295
Hunter-Lab	39.9907, 27.6810, 17.7094

Details

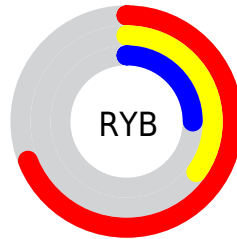
The Yxy color **15.9926, 0.4883, 0.3569** is a dark color, and the websafe version is hex **993333**. A complement of this color would be **27.6592, 0.2301, 0.2941**, and the grayscale version is **15.5340, 0.3127, 0.3290**.

A 20% lighter version of the original color is **36.7457, 0.4475, 0.3560**, and **5.0381, 0.5619, 0.3507** is the 20% darker color. If you saturate the color by 10%, you get **13.7900, 0.5300, 0.3577**, and if you desaturate by 10%, it is **18.7159, 0.4485, 0.3540**.

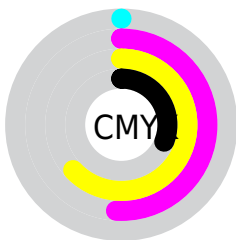
Distribution



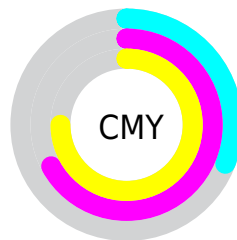
- Red (69%)
- Green (33%)
- Blue (25%)



- Red (69%)
- Yellow (35%)
- Blue (25%)



- Cyan (0%)
- Magenta (51%)
- Yellow (63%)
- Black (31%)




- Cyan (31%)
- Magenta (67%)
- Yellow (75%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 15.9926, 0.4883, 0.3569 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 15.9926, 0.4883, 0.3569 by changing the saturation by 10% instead.


 15.9926, 0.4883,
0.3569


 15.9926, 0.4883,
0.3569


229.2980, 0.3853,
0.3471


 9.5189, 0.5191,
0.3559


 36.5854, 0.4470,
0.3553


 5.0812, 0.5611,
0.3510

 51.4732, 0.4327,
0.3540


 2.2950, 0.6441,
0.3498

 69.9346, 0.4210,
0.3527

 0.7710, 0.7036,
0.2964

 92.3539, 0.4114,
0.3514

 0.0000, 1.0000,
0.0000

 119.1155, 0.4033,
0.3502

 0.0000, 0.0000,
0.0000

 150.6038, 0.3964,

0.3491

187.2032, 0.3905,
0.3480

■ 15.9926, 0.4883,
0.3569

■ 15.9926, 0.4883,
0.3569

■ 13.7900, 0.5300,
0.3577

■ 18.7159, 0.4485,
0.3540

■ 12.0717, 0.5697,
0.3555

■ 21.9880, 0.4128,
0.3497

■ 10.8009, 0.6022,
0.3501

■ 25.8378, 0.3821,
0.3448

■ 10.1362, 0.6203,
0.3457

■ 30.2917, 0.3563,
0.3398

■ 35.3742, 0.3349,
0.3349

■ 41.1086, 0.3172,
0.3303

■ 47.5170, 0.3025,
0.3260

■ 54.6203, 0.2904,
0.3221

■ 62.4386, 0.2803,
0.3186

Harmonies

Analogous

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



15.9926, 0.4436, 0.2955



15.9926, 0.4883, 0.3569



15.9926, 0.4751, 0.4209

Triad

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



15.9926, 0.4883, 0.3569



15.9926, 0.2543, 0.4452



15.9926, 0.2022, 0.1964

Complementary

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



15.9926, 0.4883, 0.3569



27.6592, 0.2301, 0.2941

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.



15.9926, 0.1679, 0.2120



15.9926, 0.4883, 0.3569



15.9926, 0.1925, 0.3474

Square

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



15.9926, 0.4883, 0.3569



15.9926, 0.3369, 0.4955



15.9926, 0.1640, 0.2612



15.9926, 0.2674, 0.2081

Rectangle

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



15.9926, 0.4883, 0.3569



15.9926, 0.4403, 0.4604



15.9926, 0.1640, 0.2612



15.9926, 0.1873, 0.1983

Sweetspot

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



15.9935, 0.4883, 0.3569



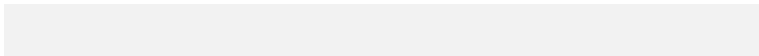
57.3310, 0.3483, 0.3380



15.3177, 0.3449, 0.2062



12.1947, 0.3546, 0.3394



89.0005, 0.3127, 0.3290



17.0645, 0.3127, 0.3290

Same Dimension

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



15.9935, 0.4883, 0.3569



23.5440, 0.5442, 0.3573



27.7669, 0.4310, 0.4309



8.2422, 0.3282, 0.3332



7.3272, 0.6186, 0.3470



0.2722, 0.5669, 0.3881

Inverse Universe

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



27.6592, 0.2301, 0.2941



45.8848, 0.2194, 0.2854



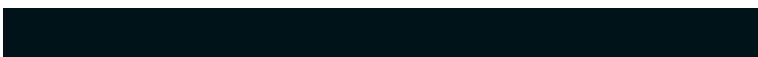
13.6575, 0.2070, 0.1931



8.8207, 0.2986, 0.3248



16.4054, 0.2086, 0.2708



0.5199, 0.2140, 0.2902

Previews

White Background



This preview shows how the Yxy color 15.9926, 0.4883, 0.3569 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 15.9926, 0.4883, 0.3569 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✗ Fail

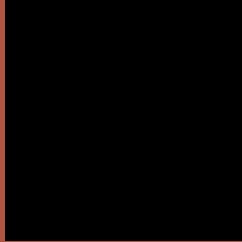
Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail

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

Yxy 15.9926, 0.4883, 0.3569

Background



This preview shows how black text looks on a background with the Yxy color 15.9926, 0.4883, 0.3569.



This preview shows how white text looks on a background with the Yxy color 15.9926, 0.4883, 0.3569.

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

15.9926, 0.4883, 0.3569

Protanopia

16.1613, 0.3728, 0.4030

Deuteranopia

16.1707, 0.4182, 0.4119



Tritanopia

15.9693, 0.4557, 0.3208

Trichromacy



Original Color

15.9926, 0.4883, 0.3569

Protanomaly

15.6204, 0.4158, 0.3849

Deuteranomaly

15.8508, 0.4456, 0.3903

Tritanomaly

15.9958, 0.4682, 0.3337

Monochromacy



Original Color

15.9926, 0.4883, 0.3569

Achromatopsia

15.5926, 0.3127, 0.3290

Achromatomaly

15.1838, 0.3723, 0.3424

CSS Examples

Text

The CSS property to change the color of the text to Yxy 15.9926, 0.4883, 0.3569 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(175, 85, 65)` looks like.

```
.text, #text, p{  
    color:rgb(175, 85, 65)  
}
```

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(175, 85, 65) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(175, 85, 65) }
```

Border

The CSS property to change the border of an element to Yxy 15.9926, 0.4883, 0.3569 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(175, 85, 65) }
```

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

```
.border{ border-color:rgb(175, 85, 65) }
```

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

Here you see how a box with a 4 pixel `rgb(175, 85, 65)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(175, 85, 65); -webkit-box-  
shadow:4px 4px 4px 4px rgb(175, 85, 65);  
box-shadow:4px 4px 4px 4px rgb(175, 85,  
65) }
```


Background

The CSS property to change the background color of an element to Yxy 15.9926, 0.4883, 0.3569 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(175, 85, 65) }
```

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

```
.background{ background-color: rgb(175, 85,  
65) }
```

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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