

Converting Colors

$Y_{xy}(15.4899, 0.4237, 0.3928)$

Have a look what the booklet for
Yxy(15.4899, 0.4237, 0.3928)
contains.

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Color

Yxy(15.5588, 0.4227, 0.3934)

Conversions

Conversions Part 1

Format	Color
Hex	8D6642
RGB	141, 102, 66
RGB Percent	55%, 40%, 26%
CMY	0.4471, 0.6000, 0.7413
CMYK	0.00, 0.28, 0.53, 0.45
HSL	29°, 36%, 41%
HSV	29°, 53%, 55%
XYZ	16.7176, 15.5588, 7.2732
YIQ	109.5570, 34.8000, -2.9280

Conversions

Conversions Part 2

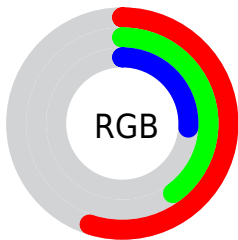
Format	Color
R_{YB}	141, 135, 66
Decimal	9266754
CIE Lab	46.39, 11.22, 26.42
CIE LCh	46, 28.704, 66.989
Yxy	15.5588, 0.4227, 0.3934
Android (android.graphics.Color)	4287456834 (0xFF8D6642)
YUV	109.5570, -21.4736, 27.5755
Hunter-Lab	39.4446, 6.6245, 16.6788

Details

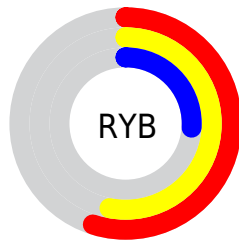
The Yxy color **15.5588, 0.4227, 0.3934** is a dark color, and the websafe version is hex **996633**. A complement of this color would be **13.1759, 0.2310, 0.2516**, and the grayscale version is **15.5145, 0.3127, 0.3290**.

A 20% lighter version of the original color is **35.8906, 0.3966, 0.3795**, and **4.8650, 0.4688, 0.4120** is the 20% darker color. If you saturate the color by 10%, you get **14.0360, 0.4499, 0.4031**, and if you desaturate by 10%, it is **17.2514, 0.3971, 0.3818**.

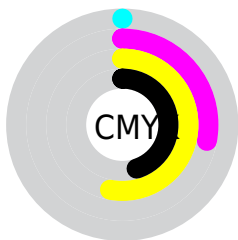
Distribution



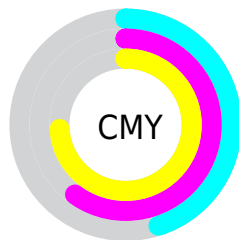
- Red (55%)
- Green (40%)
- Blue (26%)



- Red (55%)
- Yellow (53%)
- Blue (26%)



- Cyan (0%)
- Magenta (28%)
- Yellow (53%)
- Black (45%)





- Cyan (45%)
- Magenta (60%)
- Yellow (74%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 15.5588, 0.4227, 0.3934 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 15.5588, 0.4227, 0.3934 by changing the saturation by 10% instead.


 15.5588, 0.4227,
0.3934

 15.5588, 0.4227,
0.3934


226.7240, 0.3581,
0.3581

 9.2125, 0.4424,
0.4024


 35.8305, 0.3966,
0.3801


 4.8800, 0.4697,
0.4132

 50.5248, 0.3876,
0.3752

 2.1771, 0.5309,
0.4429

 68.7704, 0.3804,
0.3712

 0.7074, 0.5734,
0.4266

 90.9519, 0.3744,
0.3677

 0.0000, 0.0000,
0.0000

 117.4536, 0.3693,
0.3648

 148.6600, 0.3650,

0.3623

184.9553, 0.3613,
0.3601

■ 15.5588, 0.4227,
0.3934

■ 15.5588, 0.4227,
0.3934

■ 14.0360, 0.4499,
0.4031

■ 17.2514, 0.3971,
0.3818

■ 12.6745, 0.4775,
0.4099

■ 19.1175, 0.3736,
0.3694

■ 11.4679, 0.5041,
0.4124

■ 21.1634, 0.3525,
0.3568

■ 10.4088, 0.5278,
0.4100

■ 23.3944, 0.3339,
0.3444

■ 9.7623, 0.5432,
0.4069

■ 25.8155, 0.3175,
0.3326

■ 28.4315, 0.3032,
0.3216

■ 31.2470, 0.2908,
0.3113

■ 34.2665, 0.2799,
0.3019

■ 37.4943, 0.2705,
0.2932

Harmonies

Analogous

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



15.5588, 0.4249, 0.3498



15.5588, 0.4227, 0.3934



15.5588, 0.3895, 0.4262

Triad

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



15.5588, 0.4227, 0.3934



15.5588, 0.2360, 0.3475



15.5588, 0.2801, 0.2445

Complementary

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



15.5588, 0.4227, 0.3934



13.1759, 0.2310, 0.2516

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.



15.5588, 0.2357, 0.2386



15.5588, 0.4227, 0.3934



15.5588, 0.2121, 0.2916

Square

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



15.5588, 0.4227, 0.3934



15.5588, 0.2811, 0.4033



15.5588, 0.2122, 0.2538



15.5588, 0.3380, 0.2684

Rectangle

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



15.5588, 0.4227, 0.3934



15.5588, 0.3559, 0.4346



15.5588, 0.2122, 0.2538



15.5588, 0.2633, 0.2404

Sweetspot

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



15.5596, 0.4227, 0.3934



40.6102, 0.3395, 0.3482



10.5964, 0.3789, 0.2585



8.9104, 0.3427, 0.3504



71.0566, 0.3127, 0.3290



10.6539, 0.3127, 0.3290

Same Dimension

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



15.5596, 0.4227, 0.3934



24.5863, 0.4559, 0.4049



24.3730, 0.3895, 0.4494



5.8247, 0.3270, 0.3396



8.9341, 0.5426, 0.4073



0.1291, 0.4801, 0.4570

Inverse Universe

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



13.1759, 0.2310, 0.2516



19.8259, 0.2141, 0.2298



7.2731, 0.2151, 0.1710



5.6895, 0.2990, 0.3182



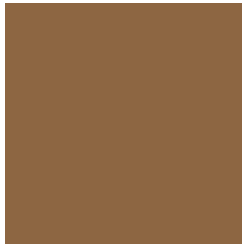
6.1633, 0.1802, 0.1685



0.1031, 0.2010, 0.2435

Previews

White Background



This preview shows how the Yxy color 15.5588, 0.4227, 0.3934 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 15.5588, 0.4227, 0.3934 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 15.5588, 0.4227, 0.3934

Background



This preview shows how black text looks on a background with the Yxy color 15.5588, 0.4227, 0.3934.



This preview shows how white text looks on a background with the Yxy color 15.5588, 0.4227, 0.3934.

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

15.5588, 0.4227, 0.3934

Protanopia

15.5746, 0.3804, 0.4115

Deuteranopia

15.5531, 0.4107, 0.4034



Tritanopia

15.4986, 0.3724, 0.3149

Trichromacy



Original Color

15.5588, 0.4227, 0.3934

Protanomaly

15.5219, 0.3960, 0.4043

Deuteranomaly

15.6006, 0.4161, 0.4002

Tritanomaly

15.5187, 0.3915, 0.3437

Monochromacy



Original Color

15.5588, 0.4227, 0.3934

Achromatopsia

15.5926, 0.3127, 0.3290

Achromatomaly

15.3885, 0.3501, 0.3553

CSS Examples

Text

The CSS property to change the color of the text to Yxy 15.5588, 0.4227, 0.3934 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(141, 102, 66)` looks like.

```
.text, #text, p{  
    color:rgb(141, 102, 66)  
}
```

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(141, 102, 66) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(141, 102, 66) }
```

Border

The CSS property to change the border of an element to Yxy 15.5588, 0.4227, 0.3934 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(141, 102, 66) }
```

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

```
.border{ border-color:rgb(141, 102, 66) }
```

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

Here you see how a box with a 4 pixel rgb(141, 102, 66) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(141, 102, 66); -webkit-box-  
shadow:4px 4px 4px 4px rgb(141, 102, 66);  
box-shadow:4px 4px 4px 4px rgb(141, 102,  
66) }
```


Background

The CSS property to change the background color of an element to Yxy 15.5588, 0.4227, 0.3934 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(141, 102, 66) }
```

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

```
.background{ background-color: rgb(141,  
102, 66) }
```

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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