

Converting Colors

$Y_{xy}(18.2002, 0.3885, 0.3798)$

Have a look what the booklet for
Yxy(18.2002, 0.3885, 0.3798)
contains.

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Color

Yxy(18.1289, 0.3878, 0.3795)

Conversions

Conversions Part 1

Format	Color
Hex	8D7155
RGB	141, 113, 85
RGB Percent	55%, 44%, 33%
CMY	0.4472, 0.5568, 0.6667
CMYK	0.00, 0.20, 0.40, 0.45
HSL	30°, 25%, 44%
HSV	30°, 40%, 55%
XYZ	18.5254, 18.1289, 11.1162
YIQ	118.1800, 25.6760, -2.7720

Conversions

Conversions Part 2

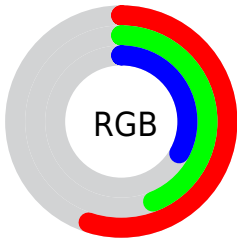
Format	Color
R_{YB}	141, 141, 85
Decimal	9269589
CIE _{Lab}	49.65, 6.92, 19.72
CIE _{LCh}	50, 20.896, 70.673
Yxy	18.1289, 0.3878, 0.3795
Android (android.graphics.Color)	4287459669 (0xFF8D7155)
YUV	118.1800, -16.3577, 20.0131
Hunter-Lab	42.5780, 3.1525, 14.3253

Details

The Yxy color **18.1289, 0.3878, 0.3795** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **15.6524, 0.2511, 0.2720**, and the grayscale version is **18.2220, 0.3127, 0.3290**.

A 20% lighter version of the original color is **40.3953, 0.3705, 0.3687**, and **6.0509, 0.4201, 0.3986** is the 20% darker color. If you saturate the color by 10%, you get **16.4168, 0.4122, 0.3920**, and if you desaturate by 10%, it is **20.0092, 0.3655, 0.3664**.

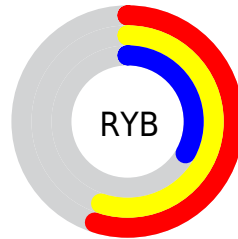
Distribution



Red (55%)

Green (44%)

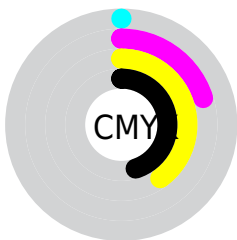
Blue (33%)



Red (55%)

Yellow (55%)

Blue (33%)

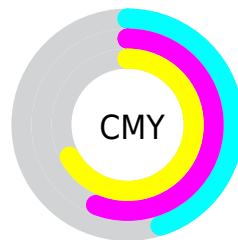


Cyan (0%)

Magenta (20%)

Yellow (40%)

Black (45%)



Cyan (45%)


Magenta (56%)


Yellow (67%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 18.1289, 0.3878, 0.3795 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 18.1289, 0.3878, 0.3795 by changing the saturation by 10% instead.


 18.1289, 0.3878,
0.3795


 18.1289, 0.3878,
0.3795


241.5966, 0.3444,
0.3513


 11.0426, 0.4010,
0.3874


 40.2568, 0.3704,
0.3686


 6.0955, 0.4196,
0.3980

 56.0672, 0.3643,
0.3647


 2.9032, 0.4471,
0.4122

 75.5545, 0.3594,
0.3615

 1.0814, 0.5328,
0.4672

 99.1029, 0.3554,
0.3588

 0.0000, 1.0000,
0.0000

 127.0969, 0.3520,
0.3565

 0.0000, 0.0000,
0.0000

159.9210, 0.3491,

0.3545

197.9594, 0.3466,
0.3528

■ 18.1289, 0.3878,
0.3795

■ 18.1289, 0.3878,
0.3795

■ 16.4168, 0.4122,
0.3920

■ 20.0092, 0.3655,
0.3664

■ 14.8650, 0.4382,
0.4029

■ 22.0603, 0.3455,
0.3533

■ 13.4686, 0.4650,
0.4112

■ 24.2879, 0.3278,
0.3407

■ 12.2211, 0.4911,
0.4158

■ 26.6966, 0.3123,
0.3287

■ 11.1158, 0.5150,
0.4157

■ 29.2908, 0.2987,
0.3174

■ 10.1389, 0.5367,
0.4116

■ 32.0748, 0.2868,
0.3070

■ 10.1118, 0.5374,
0.4115

■ 35.0527, 0.2764,
0.2975

■ 38.2285, 0.2673,
0.2887

■ 41.6059, 0.2593,
0.2806

Harmonies

Analogous

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



18.1289, 0.3913, 0.3496



18.1289, 0.3878, 0.3795



18.1289, 0.3635, 0.3985

Triad

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



18.1289, 0.3878, 0.3795



18.1289, 0.2559, 0.3375



18.1289, 0.2952, 0.2697

Complementary

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



18.1289, 0.3878, 0.3795



15.6524, 0.2511, 0.2720

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.



18.1289, 0.2615, 0.2642



18.1289, 0.3878, 0.3795



18.1289, 0.2401, 0.3002

Square

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



18.1289, 0.3878, 0.3795



18.1289, 0.2870, 0.3750



18.1289, 0.2421, 0.2743



18.1289, 0.3358, 0.2887

Rectangle

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



18.1289, 0.3878, 0.3795



18.1289, 0.3395, 0.4008



18.1289, 0.2421, 0.2743



18.1289, 0.2827, 0.2662

Sweetspot

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



18.1298, 0.3878, 0.3795



42.4671, 0.3321, 0.3439



13.3484, 0.3597, 0.2790



9.3860, 0.3340, 0.3452



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.



18.1298, 0.3878, 0.3795



29.6118, 0.4105, 0.3911



25.3567, 0.3701, 0.4239



5.8421, 0.3270, 0.3400



9.2560, 0.5368, 0.4119



0.1325, 0.4766, 0.4598

Inverse Universe

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



15.6524, 0.2511, 0.2720



24.5079, 0.2366, 0.2557



10.3498, 0.2422, 0.2125



5.6720, 0.2990, 0.3177



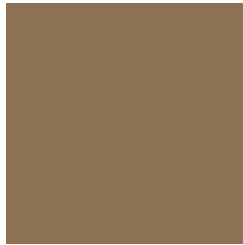
5.8269, 0.1783, 0.1618



0.0997, 0.1997, 0.2387

Previews

White Background



This preview shows how the Yxy color 18.1289, 0.3878, 0.3795 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 18.1289, 0.3878, 0.3795 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

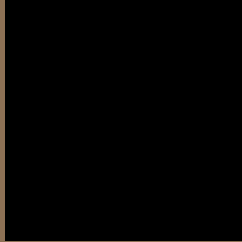
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 18.1289, 0.3878, 0.3795

Background



This preview shows how black text looks on a background with the Yxy color 18.1289, 0.3878, 0.3795.



This preview shows how white text looks on a background with the Yxy color 18.1289, 0.3878, 0.3795.

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

18.1289, 0.3878, 0.3795

Protanopia

18.1570, 0.3627, 0.3885

Deuteranopia

18.0416, 0.3864, 0.3797



Tritanopia

18.1509, 0.3504, 0.3151

Trichromacy



Original Color

18.1289, 0.3878, 0.3795

Protanomaly

18.0682, 0.3720, 0.3854

Deuteranomaly

18.0416, 0.3864, 0.3797

Tritanomaly

18.0114, 0.3651, 0.3380

Monochromacy



Original Color

18.1289, 0.3878, 0.3795

Achromatopsia

18.1164, 0.3127, 0.3290

Achromatomaly

17.9670, 0.3382, 0.3482

CSS Examples

Text

The CSS property to change the color of the text to Yxy 18.1289, 0.3878, 0.3795 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, 113, 85)` looks like.

```
.text, #text, p{  
    color:rgb(141, 113, 85)  
}
```

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, 113, 85) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(141, 113, 85) }
```

Border

The CSS property to change the border of an element to Yxy 18.1289, 0.3878, 0.3795 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, 113, 85) }
```

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

```
.border{ border-color:rgb(141, 113, 85) }
```

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

Here you see how a box with a 4 pixel rgb(141, 113, 85) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(141, 113, 85); -webkit-box-  
shadow:4px 4px 4px 4px rgb(141, 113, 85);  
box-shadow:4px 4px 4px 4px rgb(141, 113,  
85) }
```


Background

The CSS property to change the background color of an element to Yxy 18.1289, 0.3878, 0.3795 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(141, 113, 85) }
```

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

```
.background{ background-color: rgb(141,  
113, 85) }
```

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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