

Converting Colors

$Y_{xy}(18.0021, 0.3599, 0.3521)$

Have a look what the booklet for
Yxy(18.0021, 0.3599, 0.3521)
contains.

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Color

Yxy(17.9841, 0.3595, 0.3512)

Conversions

Conversions Part 1

Format	Color
Hex	887165
RGB	136, 113, 101
RGB Percent	53%, 44%, 40%
CMY	0.4666, 0.5569, 0.6039
CMYK	0.00, 0.17, 0.26, 0.47
HSL	21°, 15%, 46%
HSV	21°, 26%, 53%
XYZ	18.4091, 17.9841, 14.8144
YIQ	118.5090, 17.5600, 1.1440

Conversions

Conversions Part 2

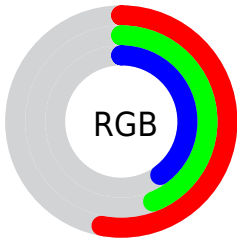
Format	Color
R_{YB}	136, 119, 101
Decimal	8941925
CIE Lab	49.48, 7.06, 10.03
CIE LCh	49, 12.264, 54.833
Yxy	17.9841, 0.3595, 0.3512
Android (android.graphics.Color)	4287132005 (0xFF887165)
YUV	118.5090, -8.6319, 15.3396
Hunter-Lab	42.4077, 3.2733, 8.9735

Details

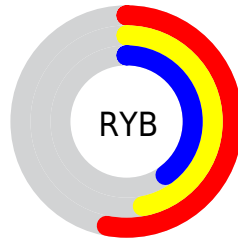
The Yxy color **17.9841, 0.3595, 0.3512** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **18.9654, 0.2743, 0.3057**, and the grayscale version is **18.3092, 0.3127, 0.3290**.

A 20% lighter version of the original color is **40.1244, 0.3485, 0.3465**, and **6.0254, 0.3821, 0.3600** is the 20% darker color. If you saturate the color by 10%, you get **15.8421, 0.3832, 0.3603**, and if you desaturate by 10%, it is **20.3685, 0.3391, 0.3422**.

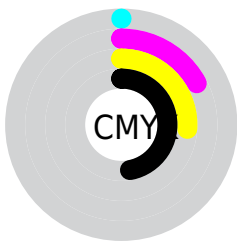
Distribution



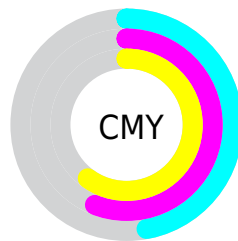
- Red (53%)
- Green (44%)
- Blue (40%)



- Red (53%)
- Yellow (47%)
- Blue (40%)



- Cyan (0%)
- Magenta (17%)
- Yellow (26%)
- Black (47%)





- Cyan (47%)
- Magenta (56%)
- Yellow (60%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 17.9841, 0.3595, 0.3512 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 17.9841, 0.3595, 0.3512 by changing the saturation by 10% instead.


 17.9841, 0.3595,
0.3512


 17.9841, 0.3595,
0.3512


240.7814, 0.3323,
0.3388


 10.9386, 0.3680,
0.3548


 40.0102, 0.3485,
0.3463


 6.0255, 0.3803,
0.3598

 55.7596, 0.3447,
0.3446

 2.8606, 0.3994,
0.3670

 75.1791, 0.3416,
0.3432

 1.0594, 0.4472,
0.3902

 98.6530, 0.3391,
0.3420

 0.0000, 1.0000,
0.0000

126.5658, 0.3370,
0.3410

 0.0000, 0.0000,
0.0000

159.3019, 0.3352,

0.3401

197.2456, 0.3336,
0.3394

■ 17.9841, 0.3595,
0.3512

■ 17.9841, 0.3595,
0.3512

■ 15.8421, 0.3832,
0.3603

■ 20.3685, 0.3391,
0.3422

■ 13.9322, 0.4104,
0.3692

■ 23.0003, 0.3216,
0.3337

■ 12.2469, 0.4409,
0.3771

■ 25.8873, 0.3066,
0.3257

■ 10.7775, 0.4738,
0.3831

■ 29.0365, 0.2939,
0.3183

■ 9.5144, 0.5078,
0.3861

■ 32.4544, 0.2831,
0.3115

■ 8.4475, 0.5404,
0.3849

■ 36.1473, 0.2737,
0.3052

■ 7.5640, 0.5690,
0.3794

■ 40.1212, 0.2657,
0.2996

■ 7.2360, 0.5810,
0.3769

■ 44.3821, 0.2588,
0.2944

■ 48.9358, 0.2528,
0.2897

Harmonies

Analogous

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



17.9841, 0.3542, 0.3318



17.9841, 0.3595, 0.3512



17.9841, 0.3518, 0.3658

Triad

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



17.9841, 0.3595, 0.3512



17.9841, 0.2881, 0.3461



17.9841, 0.2911, 0.2901

Complementary

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



17.9841, 0.3595, 0.3512



18.9654, 0.2743, 0.3057

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.



17.9841, 0.2746, 0.2923



17.9841, 0.3595, 0.3512



17.9841, 0.2729, 0.3239

Square

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



17.9841, 0.3595, 0.3512



17.9841, 0.3101, 0.3637



17.9841, 0.2680, 0.3043



17.9841, 0.3140, 0.2975

Rectangle

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



17.9841, 0.3595, 0.3512



17.9841, 0.3404, 0.3704



17.9841, 0.2680, 0.3043



17.9841, 0.2847, 0.2897

Sweetspot

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



17.9849, 0.3595, 0.3512



39.3546, 0.3256, 0.3357



16.0078, 0.3311, 0.2870



8.9654, 0.3279, 0.3369



69.2071, 0.3127, 0.3290



10.0482, 0.3127, 0.3290

Same Dimension

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



17.9849, 0.3595, 0.3512



29.3975, 0.3732, 0.3566



22.1877, 0.3523, 0.3811



5.3105, 0.3272, 0.3365



6.8634, 0.5806, 0.3772



0.0708, 0.5082, 0.4347

Inverse Universe

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



18.9654, 0.2743, 0.3057



31.4305, 0.2656, 0.2995



15.0272, 0.2713, 0.2708



5.4049, 0.2991, 0.3213



8.5271, 0.1934, 0.2162



0.0840, 0.2092, 0.2730

Previews

White Background



This preview shows how the Yxy color 17.9841, 0.3595, 0.3512 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 17.9841, 0.3595, 0.3512 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

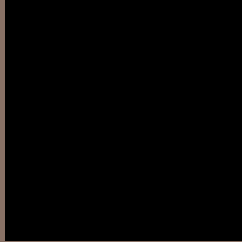
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 17.9841, 0.3595, 0.3512

Background



This preview shows how black text looks on a background with the Yxy color 17.9841, 0.3595, 0.3512.

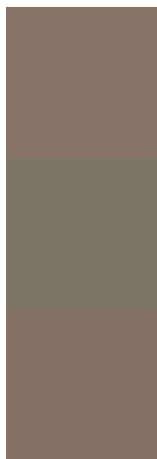


This preview shows how white text looks on a background with the Yxy color 17.9841, 0.3595, 0.3512.

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

17.9841, 0.3595, 0.3512

Protanopia

17.9128, 0.3376, 0.3562

Deuteranopia

17.9007, 0.3581, 0.3513



Tritanopia

17.8870, 0.3392, 0.3129

Trichromacy



Original Color

17.9841, 0.3595, 0.3512

Protanomaly

18.0393, 0.3460, 0.3557

Deuteranomaly

17.9007, 0.3581, 0.3513

Tritanomaly

17.8571, 0.3469, 0.3273

Monochromacy



Original Color

17.9841, 0.3595, 0.3512

Achromatopsia

18.4475, 0.3127, 0.3290

Achromatomaly

18.2524, 0.3291, 0.3386

CSS Examples

Text

The CSS property to change the color of the text to Yxy 17.9841, 0.3595, 0.3512 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(136, 113, 101)` looks like.

```
.text, #text, p{  
    color:rgb(136, 113, 101)  
}
```

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(136, 113, 101) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(136, 113, 101) }
```

Border

The CSS property to change the border of an element to Yxy 17.9841, 0.3595, 0.3512 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(136, 113, 101) }
```

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

```
.border{ border-color:rgb(136, 113, 101) }
```

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

Here you see how a box with a 4 pixel `rgb(136, 113, 101)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(136, 113, 101); -webkit-box-  
shadow:4px 4px 4px 4px rgb(136, 113, 101);  
box-shadow:4px 4px 4px 4px rgb(136, 113,  
101) }
```


Background

The CSS property to change the background color of an element to Yxy 17.9841, 0.3595, 0.3512 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(136, 113, 101) }
```

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

```
.background{ background-color: rgb(136,  
113, 101) }
```

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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