

Converting Colors

$Yxy(18.9754, 0.3564, 0.3331)$

Have a look what the booklet for
Yxy(18.9754, 0.3564, 0.3331)
contains.

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Color

Yxy(18.8872, 0.3571, 0.3326)

Conversions

Conversions Part 1

Format	Color
Hex	90716F
RGB	144, 113, 111
RGB Percent	56%, 44%, 44%
CMY	0.4352, 0.5569, 0.5646
CMYK	0.00, 0.22, 0.23, 0.44
HSL	4°, 13%, 50%
HSV	4°, 23%, 56%
XYZ	20.2785, 18.8872, 17.6209
YIQ	122.0410, 19.1180, 5.9500

Conversions

Conversions Part 2

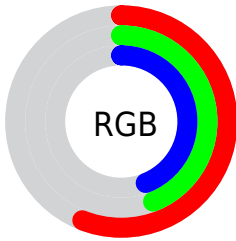
Format	Color
R_{YB}	144, 113, 111
Decimal	9466223
CIE _{Lab}	50.55, 11.89, 5.76
CIE _{LCh}	51, 13.216, 25.840
Yxy	18.8872, 0.3571, 0.3326
Android (android.graphics.Color)	4287656303 (0xFF90716F)
YUV	122.0410, -5.4432, 19.2580
Hunter-Lab	43.4594, 7.2354, 6.3821

Details

The Yxy color **18.8872, 0.3571, 0.3326** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **24.7515, 0.2796, 0.3254**, and the grayscale version is **19.4906, 0.3127, 0.3290**.

A 20% lighter version of the original color is **41.5604, 0.3460, 0.3317**, and **6.4666, 0.3777, 0.3345** is the 20% darker color. If you saturate the color by 10%, you get **15.7972, 0.3841, 0.3343**, and if you desaturate by 10%, it is **22.4807, 0.3351, 0.3310**.

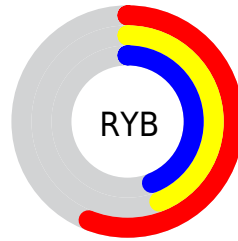
Distribution



Red (56%)

Green (44%)

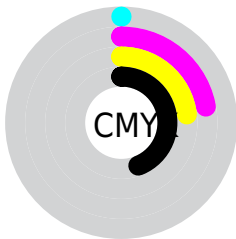
Blue (44%)



Red (56%)

Yellow (44%)

Blue (44%)

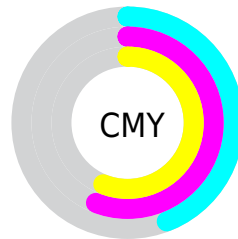


Cyan (0%)

Magenta (22%)

Yellow (23%)

Black (44%)



Cyan (44%)


Magenta (56%)

Yellow (56%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 18.8872, 0.3571, 0.3326 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 18.8872, 0.3571, 0.3326 by changing the saturation by 10% instead.


 18.8872, 0.3571,
0.3326


 18.8872, 0.3571,
0.3326


245.8253, 0.3314,
0.3309


 11.5888, 0.3651,
0.3329


 41.5434, 0.3467,
0.3320


 6.4643, 0.3765,
0.3333


 57.6700, 0.3432,
0.3318

 3.1294, 0.3942,
0.3334

 77.5081, 0.3403,
0.3316

 1.1997, 0.4257,
0.3329

 101.4422, 0.3379,
0.3314

 0.0614, 0.8502,
0.1498

129.8565, 0.3359,
0.3313

 0.0000, 0.0000,
0.0000

163.1355, 0.3342,

0.3311

201.6637, 0.3327,
0.3310

■ 18.8872, 0.3571,
0.3326

■ 18.8872, 0.3571,
0.3326

■ 15.7972, 0.3841,
0.3343

■ 22.4807, 0.3351,
0.3310

■ 13.1858, 0.4167,
0.3359

■ 26.5961, 0.3173,
0.3294

■ 11.0299, 0.4552,
0.3373


■ 31.2540, 0.3028,
0.3280

■ 9.3033, 0.4985,
0.3382


■ 36.4731, 0.2909,
0.3267


■ 7.9773, 0.5436,
0.3383


■ 42.2712, 0.2812,
0.3256

 7.0196, 0.5854,
0.3372

 48.6653, 0.2732,
0.3245

 6.3930, 0.6174,
0.3351

 55.6719, 0.2666,
0.3236

 6.1179, 0.6343,
0.3346

 63.3065, 0.2610,
0.3228

 71.5844, 0.2563,
0.3220

Harmonies

Analogous

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



18.8872, 0.3395, 0.3121



18.8872, 0.3571, 0.3326



18.8872, 0.3623, 0.3531

Triad

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



18.8872, 0.3571, 0.3326



18.8872, 0.3091, 0.3654



18.8872, 0.2728, 0.2899

Complementary

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



18.8872, 0.3571, 0.3326



24.7515, 0.2796, 0.3254

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.



18.8872, 0.2655, 0.3022



18.8872, 0.3571, 0.3326



18.8872, 0.2859, 0.3464

Square

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



18.8872, 0.3571, 0.3326



18.8872, 0.3339, 0.3733



18.8872, 0.2702, 0.3228



18.8872, 0.2905, 0.2880

Rectangle

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



18.8872, 0.3571, 0.3326



18.8872, 0.3579, 0.3641



18.8872, 0.2702, 0.3228



18.8872, 0.2691, 0.2929

Sweetspot

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



18.8881, 0.3571, 0.3326



43.7133, 0.3244, 0.3301



19.2674, 0.3173, 0.2766



9.9408, 0.3252, 0.3301



72.9347, 0.3127, 0.3290



11.2805, 0.3127, 0.3290

Same Dimension

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



18.8881, 0.3571, 0.3326



30.6692, 0.3690, 0.3334



22.8229, 0.3512, 0.3603



5.4728, 0.3280, 0.3304



5.3392, 0.6338, 0.3349



0.0593, 0.6061, 0.3569

Inverse Universe

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



24.7515, 0.2796, 0.3254



42.7003, 0.2735, 0.3246



20.2823, 0.2774, 0.2956



6.0617, 0.2990, 0.3276



16.9450, 0.2196, 0.3107



0.1729, 0.2223, 0.3204

Previews

White Background



This preview shows how the Yxy color 18.8872, 0.3571, 0.3326 looks on a white background.

Color Contrast Check

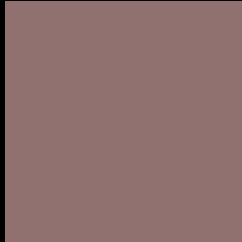
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the Yxy color 18.8872, 0.3571, 0.3326 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

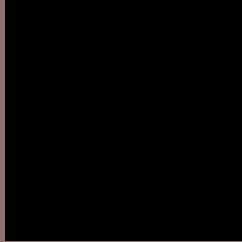
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 18.8872, 0.3571, 0.3326

Background



This preview shows how black text looks on a background with the Yxy color 18.8872, 0.3571, 0.3326.



This preview shows how white text looks on a background with the Yxy color 18.8872, 0.3571, 0.3326.

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

18.8872, 0.3571, 0.3326

Protanopia

18.9558, 0.3236, 0.3385

Deuteranopia

18.8508, 0.3465, 0.3400



Tritanopia

18.9641, 0.3468, 0.3153

Trichromacy



Original Color

18.8872, 0.3571, 0.3326

Protanomaly

18.7628, 0.3345, 0.3346

Deuteranomaly

18.8762, 0.3509, 0.3381

Tritanomaly

18.8924, 0.3508, 0.3204

Monochromacy



Original Color

18.8872, 0.3571, 0.3326

Achromatopsia

19.4618, 0.3127, 0.3290

Achromatomaly

19.2475, 0.3279, 0.3309

CSS Examples

Text

The CSS property to change the color of the text to Yxy 18.8872, 0.3571, 0.3326 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(144, 113, 111)` looks like.

```
.text, #text, p{  
    color:rgb(144, 113, 111)  
}
```

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(144, 113, 111) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(144, 113, 111) }
```

Border

The CSS property to change the border of an element to Yxy 18.8872, 0.3571, 0.3326 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(144, 113, 111) }
```

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

```
.border{ border-color:rgb(144, 113, 111) }
```

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

Here you see how a box with a 4 pixel `rgb(144, 113, 111)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(144, 113, 111); -webkit-box-  
shadow:4px 4px 4px 4px rgb(144, 113, 111);  
box-shadow:4px 4px 4px 4px rgb(144, 113,  
111) }
```


Background

The CSS property to change the background color of an element to Yxy 18.8872, 0.3571, 0.3326 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(144, 113, 111) }
```

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

```
.background{ background-color: rgb(144,  
113, 111) }
```

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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