

Converting Colors

$Yxy(18.0346, 0.3549, 0.3316)$

Have a look what the booklet for
Yxy(18.0346, 0.3549, 0.3316)
contains.

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Color

Yxy(18.0485, 0.3551, 0.3327)

Conversions

Conversions Part 1

Format	Color
Hex	8C6F6D
RGB	140, 111, 109
RGB Percent	55%, 44%, 43%
CMY	0.4509, 0.5647, 0.5725
CMYK	0.00, 0.21, 0.22, 0.45
HSL	4°, 12%, 49%
HSV	4°, 22%, 55%
XYZ	19.2637, 18.0485, 16.9364
YIQ	119.4430, 17.9260, 5.5260

Conversions

Conversions Part 2

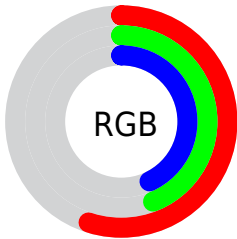
Format	Color
R_{YB}	140, 111, 109
Decimal	9203565
CIE _{Lab}	49.55, 11.14, 5.47
CIE _{LCh}	50, 12.405, 26.144
Yxy	18.0485, 0.3551, 0.3327
Android (android.graphics.Color)	4287393645 (0xFF8C6F6D)
YUV	119.4430, -5.1484, 18.0285
Hunter-Lab	42.4835, 6.5926, 6.1020

Details

The Yxy color **18.0485, 0.3551, 0.3327** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **23.3336, 0.2807, 0.3253**, and the grayscale version is **18.6091, 0.3127, 0.3290**.

A 20% lighter version of the original color is **40.2018, 0.3454, 0.3330**, and **6.0267, 0.3727, 0.3319** is the 20% darker color. If you saturate the color by 10%, you get **15.1186, 0.3815, 0.3345**, and if you desaturate by 10%, it is **21.4477, 0.3336, 0.3310**.

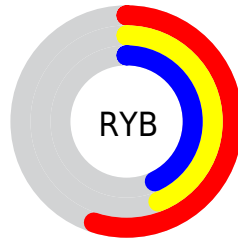
Distribution



Red (55%)

Green (44%)

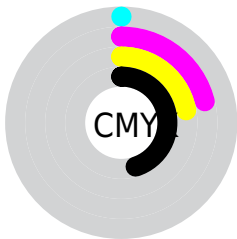
Blue (43%)



Red (55%)

Yellow (44%)

Blue (43%)

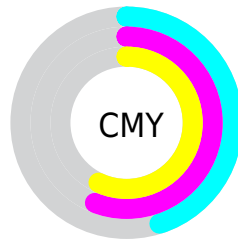


Cyan (0%)

Magenta (21%)

Yellow (22%)

Black (45%)



Cyan (45%)


Magenta (56%)

Yellow (57%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 18.0485, 0.3551, 0.3327 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 18.0485, 0.3551, 0.3327 by changing the saturation by 10% instead.


 18.0485, 0.3551,
0.3327


 18.0485, 0.3551,
0.3327


241.1443, 0.3304,
0.3309


 10.9848, 0.3628,
0.3331


 40.1200, 0.3451,
0.3321


 6.0566, 0.3740,
0.3335

 55.8965, 0.3417,
0.3318

 2.8795, 0.3916,
0.3338

 75.3461, 0.3389,
0.3316

 1.0692, 0.4246,
0.3346

 98.8532, 0.3366,
0.3314

 0.0000, 1.0000,
0.0000

126.8022, 0.3347,
0.3313

 0.0000, 0.0000,
0.0000

159.5774, 0.3331,

0.3311

197.5633, 0.3316,
0.3310

■ 18.0485, 0.3551,
0.3327

■ 18.0485, 0.3551,
0.3327

■ 15.1186, 0.3815,
0.3345

■ 21.4477, 0.3336,
0.3310

■ 12.6350, 0.4135,
0.3363

■ 25.3328, 0.3160,
0.3293

■ 10.5765, 0.4513,
0.3378

■ 29.7229, 0.3018,
0.3278

■ 8.9194, 0.4940,
0.3388

■ 34.6351, 0.2902,
0.3265

■ 7.6373, 0.5389,
0.3389

■ 40.0859, 0.2806,
0.3253

■ 6.7010, 0.5811,
0.3380

■ 46.0908, 0.2727,
0.3242

■ 6.0768, 0.6143,
0.3358

■ 52.6650, 0.2662,
0.3232

■ 5.7731, 0.6337,
0.3351

■ 59.8229, 0.2607,
0.3223

■ 67.5784, 0.2560,
0.3215

Harmonies

Analogous

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



18.0485, 0.3384, 0.3131



18.0485, 0.3551, 0.3327



18.0485, 0.3599, 0.3522

Triad

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



18.0485, 0.3551, 0.3327



18.0485, 0.3090, 0.3635



18.0485, 0.2747, 0.2916

Complementary

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



18.0485, 0.3551, 0.3327



23.3336, 0.2807, 0.3253

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.



18.0485, 0.2677, 0.3033



18.0485, 0.3551, 0.3327



18.0485, 0.2869, 0.3453

Square

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



18.0485, 0.3551, 0.3327



18.0485, 0.3327, 0.3712



18.0485, 0.2720, 0.3229



18.0485, 0.2918, 0.2898

Rectangle

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



18.0485, 0.3551, 0.3327



18.0485, 0.3557, 0.3627



18.0485, 0.2720, 0.3229



18.0485, 0.2711, 0.2945

Sweetspot

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



18.0493, 0.3551, 0.3327



41.1176, 0.3243, 0.3301



18.3644, 0.3171, 0.2785



9.3978, 0.3252, 0.3302



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.



18.0493, 0.3551, 0.3327



28.9131, 0.3687, 0.3337



21.6210, 0.3497, 0.3591



5.0968, 0.3279, 0.3305



5.1388, 0.6332, 0.3354



0.0400, 0.6040, 0.3586

Inverse Universe

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



23.3336, 0.2807, 0.3253



40.0634, 0.2735, 0.3243



19.3025, 0.2787, 0.2969



5.6346, 0.2991, 0.3275



16.1204, 0.2193, 0.3094



0.1148, 0.2222, 0.3198

Previews

White Background



This preview shows how the Yxy color 18.0485, 0.3551, 0.3327 looks on a white background.

Color Contrast Check

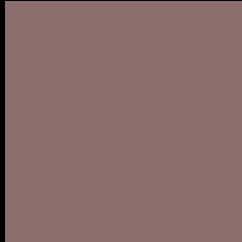
Large Text (above 18pt) WCAG AA ✓ Pass

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 18.0485, 0.3551, 0.3327 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

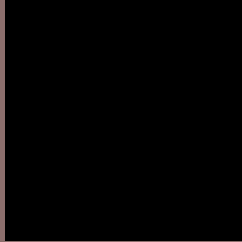
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 18.0485, 0.3551, 0.3327

Background



This preview shows how black text looks on a background with the Yxy color 18.0485, 0.3551, 0.3327.



This preview shows how white text looks on a background with the Yxy color 18.0485, 0.3551, 0.3327.

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

18.0485, 0.3551, 0.3327

Protanopia

18.2141, 0.3225, 0.3387

Deuteranopia

18.1039, 0.3457, 0.3402



Tritanopia

18.1226, 0.3446, 0.3149

Trichromacy



Original Color

18.0485, 0.3551, 0.3327

Protanomaly

18.0205, 0.3335, 0.3347

Deuteranomaly

18.1272, 0.3502, 0.3383

Tritanomaly

18.0524, 0.3486, 0.3202

Monochromacy



Original Color

18.0485, 0.3551, 0.3327

Achromatopsia

18.4475, 0.3127, 0.3290

Achromatomaly

18.2406, 0.3282, 0.3309

CSS Examples

Text

The CSS property to change the color of the text to Yxy 18.0485, 0.3551, 0.3327 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(140, 111, 109)` looks like.

```
.text, #text, p{  
    color:rgb(140, 111, 109)  
}
```

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(140, 111, 109) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(140, 111, 109) }
```

Border

The CSS property to change the border of an element to Yxy 18.0485, 0.3551, 0.3327 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(140, 111, 109) }
```

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

```
.border{ border-color:rgb(140, 111, 109) }
```

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

Here you see how a box with a 4 pixel `rgb(140, 111, 109)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(140, 111, 109); -webkit-box-  
shadow:4px 4px 4px 4px rgb(140, 111, 109);  
box-shadow:4px 4px 4px 4px rgb(140, 111,  
109) }
```


Background

The CSS property to change the background color of an element to Yxy 18.0485, 0.3551, 0.3327 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(140, 111, 109) }
```

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

```
.background{ background-color: rgb(140,  
111, 109) }
```

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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