

Converting Colors

$Y_{xy}(17.9752, 0.3569, 0.3074)$

Have a look what the booklet for
Yxy(17.9752, 0.3569, 0.3074)
contains.

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Color

Yxy(18.0056, 0.3568, 0.3086)

Conversions

Conversions Part 1

Format	Color
Hex	956A76
RGB	149, 106, 118
RGB Percent	58%, 42%, 46%
CMY	0.4157, 0.5843, 0.5372
CMYK	0.00, 0.29, 0.21, 0.42
HSL	343°, 17%, 50%
HSV	343°, 29%, 58%
XYZ	20.8179, 18.0056, 19.5226
YIQ	120.2250, 21.7760, 12.8480

Conversions

Conversions Part 2

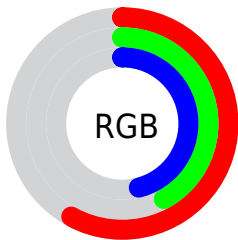
Format	Color
R_{YB}	149, 106, 118
Decimal	9792118
CIE _{Lab}	49.50, 19.05, 0.16
CIE _{LCh}	50, 19.056, 0.477
Yxy	18.0056, 0.3568, 0.3086
Android (android.graphics.Color)	4287982198 (0xFF956A76)
YUV	120.2250, -1.0969, 25.2357
Hunter-Lab	42.4330, 13.3154, 2.4249

Details

The Yxy color **18.0056, 0.3568, 0.3086** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **26.3621, 0.2820, 0.3506**, and the grayscale version is **18.8571, 0.3127, 0.3290**.

A 20% lighter version of the original color is **40.1934, 0.3467, 0.3139**, and **6.0097, 0.3753, 0.2988** is the 20% darker color. If you saturate the color by 10%, you get **14.9566, 0.3789, 0.3012**, and if you desaturate by 10%, it is **21.6188, 0.3386, 0.3160**.

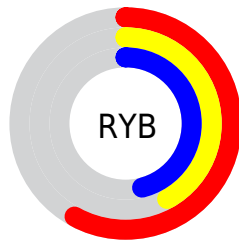
Distribution



Red (58%)

Green (42%)

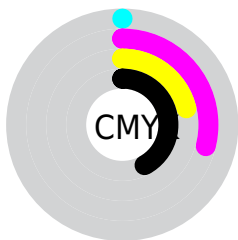
Blue (46%)



Red (58%)

Yellow (42%)

Blue (46%)

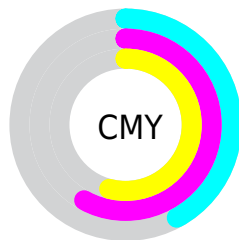


Cyan (0%)

Magenta (29%)

Yellow (21%)

Black (42%)



Cyan (42%)

Magenta (58%)

Yellow (54%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 18.0056, 0.3568, 0.3086 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 18.0056, 0.3568, 0.3086 by changing the saturation by 10% instead.


 18.0056, 0.3568,
0.3086


 18.0056, 0.3568,
0.3086


240.9026, 0.3313,
0.3204


 10.9540, 0.3647,
0.3049


 40.0469, 0.3465,
0.3134


 6.0359, 0.3761,
0.2996


 55.8053, 0.3430,
0.3150

 2.8669, 0.3938,
0.2914

 75.2349, 0.3401,
0.3164

 1.0627, 0.4250,
0.2768

 98.7199, 0.3377,
0.3175

 0.0000, 1.0000,
0.0000

126.6448, 0.3357,
0.3184

 0.0000, 0.0000,
0.0000

159.3939, 0.3340,

0.3192

197.3517, 0.3326,
0.3198

■ 18.0056, 0.3568,
0.3086

■ 18.0056, 0.3568,
0.3086

■ 14.9566, 0.3789,
0.3012

■ 21.6188, 0.3386,
0.3160

■ 12.4409, 0.4052,
0.2944

■ 25.8203, 0.3236,
0.3231

■ 10.4281, 0.4360,
0.2887


■ 30.6358, 0.3114,
0.3297

■ 8.8838, 0.4705,
0.2852


■ 36.0887, 0.3015,
0.3359


■ 7.7696, 0.5072,
0.2849


■ 42.2010, 0.2933,
0.3416


 7.0402, 0.5431,
0.2887

 48.9940, 0.2865,
0.3468

 6.5993, 0.5757,
0.2958

 56.4878, 0.2810,
0.3515

 6.5532, 0.5793,
0.2965

 64.7018, 0.2764,
0.3558

 73.6544, 0.2725,
0.3597

Harmonies

Analogous

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



18.0056, 0.3212, 0.2848



18.0056, 0.3568, 0.3086



18.0056, 0.3806, 0.3380

Triad

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



18.0056, 0.3568, 0.3086



18.0056, 0.3376, 0.3944



18.0056, 0.2453, 0.2856

Complementary

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



18.0056, 0.3568, 0.3086



26.3621, 0.2820, 0.3506

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.



18.0056, 0.2492, 0.3138



18.0056, 0.3568, 0.3086



18.0056, 0.3012, 0.3800

Square

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



18.0056, 0.3568, 0.3086



18.0056, 0.3686, 0.3885



18.0056, 0.2691, 0.3491



18.0056, 0.2580, 0.2710

Rectangle

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



18.0056, 0.3568, 0.3086



18.0056, 0.3858, 0.3578



18.0056, 0.2691, 0.3491



18.0056, 0.2447, 0.2937

Sweetspot

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



18.0064, 0.3568, 0.3086



45.9798, 0.3241, 0.3228



17.7815, 0.3006, 0.2562



9.9550, 0.3259, 0.3219



74.8414, 0.3127, 0.3290



11.9280, 0.3127, 0.3290

Same Dimension

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



18.0064, 0.3568, 0.3086



28.3989, 0.3715, 0.3035



19.7639, 0.3696, 0.3451



5.8404, 0.3241, 0.3228



5.5207, 0.5776, 0.2955



0.0721, 0.4720, 0.2374

Inverse Universe

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



18.0064, 0.3568, 0.3086



28.3989, 0.3715, 0.3035



23.8962, 0.2704, 0.3122



5.8404, 0.3241, 0.3228



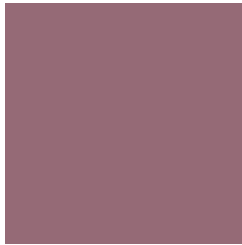
5.5207, 0.5776, 0.2955



0.0721, 0.4720, 0.2374

Previews

White Background



This preview shows how the Yxy color 18.0056, 0.3568, 0.3086 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 18.0056, 0.3568, 0.3086 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

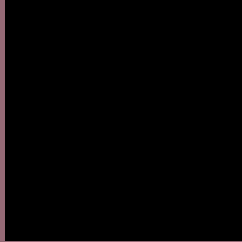
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 18.0056, 0.3568, 0.3086

Background



This preview shows how black text looks on a background with the Yxy color 18.0056, 0.3568, 0.3086.



This preview shows how white text looks on a background with the Yxy color 18.0056, 0.3568, 0.3086.

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

18.0056, 0.3568, 0.3086

Protanopia

18.0548, 0.3047, 0.3137

Deuteranopia

18.0648, 0.3301, 0.3235



Tritanopia

18.1428, 0.3607, 0.3154

Trichromacy



Original Color

18.0056, 0.3568, 0.3086

Protanomaly

17.8825, 0.3227, 0.3124

Deuteranomaly

17.9716, 0.3402, 0.3183

Tritanomaly

18.1659, 0.3593, 0.3137

Monochromacy



Original Color

18.0056, 0.3568, 0.3086

Achromatopsia

18.7821, 0.3127, 0.3290

Achromatomaly

18.4187, 0.3287, 0.3217

CSS Examples

Text

The CSS property to change the color of the text to Yxy 18.0056, 0.3568, 0.3086 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(149, 106, 118)` looks like.

```
.text, #text, p{  
    color:rgb(149, 106, 118)  
}
```

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(149, 106, 118) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(149, 106, 118) }
```

Border

The CSS property to change the border of an element to Yxy 18.0056, 0.3568, 0.3086 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(149, 106, 118) }
```

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

```
.border{ border-color:rgb(149, 106, 118) }
```

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

Here you see how a box with a 4 pixel `rgb(149, 106, 118)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(149, 106, 118); -webkit-box-  
shadow:4px 4px 4px 4px rgb(149, 106, 118);  
box-shadow:4px 4px 4px 4px rgb(149, 106,  
118) }
```


Background

The CSS property to change the background color of an element to Yxy 18.0056, 0.3568, 0.3086 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(149, 106, 118) }
```

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

```
.background{ background-color: rgb(149,  
106, 118) }
```

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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