

Converting Colors

$Y_{xy}(17.9659, 0.3385, 0.3099)$

Have a look what the booklet for
Yxy(17.9659, 0.3385, 0.3099)
contains.

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Color

Yxy(18.0213, 0.3379, 0.3095)

Conversions

Conversions Part 1

Format	Color
Hex	8B6E79
RGB	139, 110, 121
RGB Percent	55%, 43%, 47%
CMY	0.4549, 0.5686, 0.5255
CMYK	0.00, 0.21, 0.13, 0.45
HSL	337°, 12%, 49%
HSV	337°, 21%, 55%
XYZ	19.6750, 18.0213, 20.5309
YIQ	119.9250, 13.7530, 9.5690

Conversions

Conversions Part 2

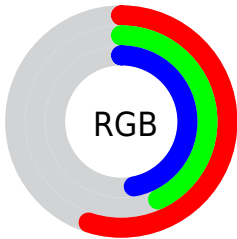
Format	Color
R_{YB}	139, 110, 121
Decimal	9137785
CIE Lab	49.52, 13.35, -1.72
CIE LCh	50, 13.463, 352.670
Yxy	18.0213, 0.3379, 0.3095
Android (android.graphics.Color)	4287327865 (0xFF8B6E79)
YUV	119.9250, 0.5300, 16.7288
Hunter-Lab	42.4515, 8.4391, 1.0415

Details

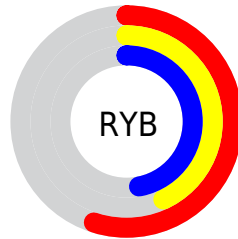
The Yxy color **18.0213, 0.3379, 0.3095** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **23.3399, 0.2928, 0.3494**, and the grayscale version is **18.7527, 0.3127, 0.3290**.

A 20% lighter version of the original color is **40.1952, 0.3324, 0.3147**, and **6.0501, 0.3489, 0.2996** is the 20% darker color. If you saturate the color by 10%, you get **15.0518, 0.3540, 0.2996**, and if you desaturate by 10%, it is **21.4819, 0.3246, 0.3191**.

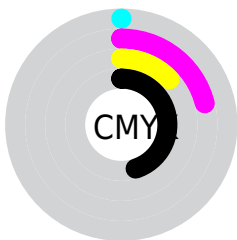
Distribution



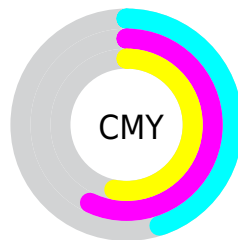
- Red (55%)
- Green (43%)
- Blue (47%)



- Red (55%)
- Yellow (43%)
- Blue (47%)



- Cyan (0%)
- Magenta (21%)
- Yellow (13%)
- Black (45%)





- Cyan (45%)
- Magenta (57%)
- Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 18.0213, 0.3379, 0.3095 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 18.0213, 0.3379, 0.3095 by changing the saturation by 10% instead.


 18.0213, 0.3379,
0.3095


 18.0213, 0.3379,
0.3095


240.9911, 0.3234,
0.3207

 10.9653, 0.3424,
0.3061


 40.0736, 0.3321,
0.3140


 6.0435, 0.3488,
0.3012


 55.8387, 0.3300,
0.3155

 2.8715, 0.3588,
0.2937

 75.2756, 0.3284,
0.3168

 1.0650, 0.3763,
0.2808

 98.7687, 0.3271,
0.3178

 0.0000, 0.8153,
0.0000

126.7024, 0.3259,
0.3187

 0.0000, 0.0000,
0.0000

159.4611, 0.3250,

0.3195

197.4292, 0.3241,
0.3201

■ 18.0213, 0.3379,
0.3095

■ 18.0213, 0.3379,
0.3095

■ 15.0518, 0.3540,
0.2996

■ 21.4819, 0.3246,
0.3191

■ 12.5486, 0.3732,
0.2897

■ 25.4522, 0.3136,
0.3282

■ 10.4884, 0.3959,
0.2805

■ 29.9525, 0.3045,
0.3367

■ 8.8448, 0.4221,
0.2728

■ 35.0017, 0.2970,
0.3446

■ 7.5889, 0.4512,
0.2676

■ 40.6173, 0.2909,
0.3518

■ 6.6875, 0.4822,
0.2662

■ 46.8164, 0.2857,
0.3584

■ 6.1021, 0.5131,
0.2695

■ 53.6152, 0.2815,
0.3644

■ 5.7437, 0.5405,
0.2751

■ 61.0293, 0.2779,
0.3699

■ 69.0737, 0.2750,
0.3750

Harmonies

Analogous

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



18.0213, 0.3121, 0.2937



18.0213, 0.3379, 0.3095



18.0213, 0.3573, 0.3304

Triad

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



18.0213, 0.3379, 0.3095



18.0213, 0.3371, 0.3750



18.0213, 0.2638, 0.3031

Complementary

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



18.0213, 0.3379, 0.3095



23.3399, 0.2928, 0.3494

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.



18.0213, 0.2700, 0.3251



18.0213, 0.3379, 0.3095



18.0213, 0.3117, 0.3682

Square

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



18.0213, 0.3379, 0.3095



18.0213, 0.3566, 0.3684



18.0213, 0.2872, 0.3494



18.0213, 0.2701, 0.2894

Rectangle

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



18.0213, 0.3379, 0.3095



18.0213, 0.3635, 0.3449



18.0213, 0.2872, 0.3494



18.0213, 0.2645, 0.3097

Sweetspot

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



18.0221, 0.3379, 0.3095



41.7174, 0.3191, 0.3235



17.5969, 0.3010, 0.2770



9.5225, 0.3197, 0.3230



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.



18.0221, 0.3379, 0.3095



29.6767, 0.3451, 0.3049



18.5116, 0.3515, 0.3352



5.0779, 0.3225, 0.3207



5.1869, 0.5394, 0.2745



0.0371, 0.4369, 0.2180

Inverse Universe

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



18.0221, 0.3379, 0.3095



29.6767, 0.3451, 0.3049



22.6807, 0.2823, 0.3227



5.0779, 0.3225, 0.3207



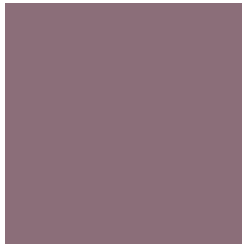
5.1869, 0.5394, 0.2745



0.0371, 0.4369, 0.2180

Previews

White Background



This preview shows how the Yxy color 18.0213, 0.3379, 0.3095 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 18.0213, 0.3379, 0.3095 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

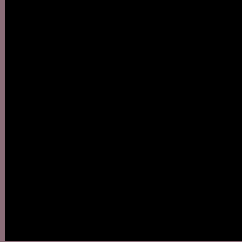
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 18.0213, 0.3379, 0.3095

Background



This preview shows how black text looks on a background with the Yxy color 18.0213, 0.3379, 0.3095.



This preview shows how white text looks on a background with the Yxy color 18.0213, 0.3379, 0.3095.

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

18.0213, 0.3379, 0.3095

Protanopia

18.0548, 0.3047, 0.3137

Deuteranopia

17.9799, 0.3237, 0.3179



Tritanopia

17.9727, 0.3405, 0.3130

Trichromacy



Original Color

18.0213, 0.3379, 0.3095

Protanomaly

17.9255, 0.3162, 0.3104

Deuteranomaly

18.0719, 0.3292, 0.3162

Tritanomaly

17.9969, 0.3392, 0.3113

Monochromacy



Original Color

18.0213, 0.3379, 0.3095

Achromatopsia

18.7821, 0.3127, 0.3290

Achromatomaly

18.3589, 0.3221, 0.3216

CSS Examples

Text

The CSS property to change the color of the text to Yxy 18.0213, 0.3379, 0.3095 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(139, 110, 121)` looks like.

```
.text, #text, p{  
    color:rgb(139, 110, 121)  
}
```

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(139, 110, 121) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(139, 110, 121) }
```

Border

The CSS property to change the border of an element to Yxy 18.0213, 0.3379, 0.3095 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(139, 110, 121) }
```

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

```
.border{ border-color:rgb(139, 110, 121) }
```

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

Here you see how a box with a 4 pixel `rgb(139, 110, 121)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(139, 110, 121); -webkit-box-  
shadow:4px 4px 4px 4px rgb(139, 110, 121);  
box-shadow:4px 4px 4px 4px rgb(139, 110,  
121) }
```


Background

The CSS property to change the background color of an element to Yxy 18.0213, 0.3379, 0.3095 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(139, 110, 121) }
```

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

```
.background{ background-color: rgb(139,  
110, 121) }
```

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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