

Converting Colors

$Y_{xy}(19.2686, 0.3378, 0.2986)$

Have a look what the booklet for
Yxy(19.2686, 0.3378, 0.2986)
contains.

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Color

Yxy(19.1569, 0.3379, 0.2986)

Conversions

Conversions Part 1

Format	Color
Hex	936F81
RGB	147, 111, 129
RGB Percent	58%, 44%, 51%
CMY	0.4235, 0.5647, 0.4942
CMYK	0.00, 0.24, 0.12, 0.42
HSL	330°, 14%, 51%
HSV	330°, 24%, 58%
XYZ	21.6782, 19.1569, 23.3206
YIQ	123.8160, 15.6780, 13.2300

Conversions

Conversions Part 2

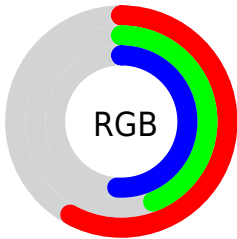
Format	Color
R_{YB}	147, 111, 129
Decimal	9662337
CIE _{Lab}	50.87, 17.26, -4.37
CIE _{LCh}	51, 17.801, 345.794
Yxy	19.1569, 0.3379, 0.2986
Android (android.graphics.Color)	4287852417 (0xFF936F81)
YUV	123.8160, 2.5557, 20.3324
Hunter-Lab	43.7686, 11.8145, -0.9526

Details

The Yxy color $19.1569, 0.3379, 0.2986$ is a dark color, and the websafe version is hex 996666 . A complement of this color would be $25.8311, 0.2933, 0.3616$, and the grayscale version is $20.0792, 0.3127, 0.3290$.

A 20% lighter version of the original color is $41.9893, 0.3317, 0.3052$, and $6.6210, 0.3483, 0.2865$ is the 20% darker color. If you saturate the color by 10%, you get $16.0207, 0.3517, 0.2856$, and if you desaturate by 10%, it is $22.8368, 0.3263, 0.3114$.

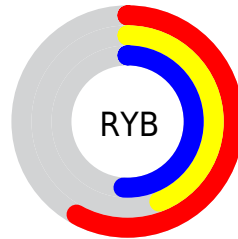
Distribution



Red (58%)

Green (44%)

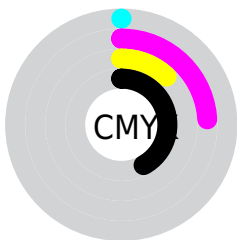
Blue (51%)



Red (58%)

Yellow (44%)

Blue (51%)

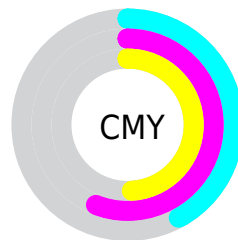


Cyan (0%)

Magenta (24%)

Yellow (12%)

Black (42%)



Cyan (42%)


Magenta (56%)


Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 19.1569, 0.3379, 0.2986 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 19.1569, 0.3379, 0.2986 by changing the saturation by 10% instead.


 19.1569, 0.3379,
0.2986


 19.1569, 0.3379,
0.2986


247.3136, 0.3236,
0.3157


 11.7837, 0.3422,
0.2935


 41.9991, 0.3322,
0.3053


 6.5966, 0.3482,
0.2865


 58.2368, 0.3303,
0.3077

 3.2111, 0.3573,
0.2759

 78.1982, 0.3286,
0.3096

 1.2429, 0.3727,
0.2585

 102.2676, 0.3273,
0.3113

 0.0963, 0.5030,
0.0945

130.8295, 0.3262,
0.3126

 0.0000, 0.0000,
0.0000

164.2682, 0.3252,

0.3138

202.9681, 0.3244,
0.3148

■ 19.1569, 0.3379,
0.2986

■ 19.1569, 0.3379,
0.2986

■ 16.0207, 0.3517,
0.2856

■ 22.8368, 0.3263,
0.3114

■ 13.3996, 0.3680,
0.2728

■ 27.0821, 0.3165,
0.3237

■ 11.2661, 0.3868,
0.2612


■ 31.9165, 0.3084,
0.3353


■ 9.5892, 0.4079,
0.2516


■ 37.3616, 0.3017,
0.3461

■ 8.3342, 0.4309,
0.2451


■ 43.4379, 0.2962,
0.3560


 7.4616, 0.4550,
0.2430

 50.1649, 0.2916,
0.3651

 6.9218, 0.4789,
0.2460

 57.5613, 0.2877,
0.3735

 6.6897, 0.4923,
0.2485

 65.6449, 0.2845,
0.3812

 74.4330, 0.2819,
0.3882

Harmonies

Analogous

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



19.1569, 0.3039, 0.2807



19.1569, 0.3379, 0.2986



19.1569, 0.3661, 0.3239

Triad

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



19.1569, 0.3379, 0.2986



19.1569, 0.3508, 0.3883



19.1569, 0.2505, 0.3008

Complementary

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



19.1569, 0.3379, 0.2986



25.8311, 0.2933, 0.3616

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.



19.1569, 0.2616, 0.3308



19.1569, 0.3379, 0.2986



19.1569, 0.3187, 0.3841

Square

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



19.1569, 0.3379, 0.2986



19.1569, 0.3733, 0.3754



19.1569, 0.2862, 0.3624



19.1569, 0.2549, 0.2807

Rectangle

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



19.1569, 0.3379, 0.2986



19.1569, 0.3769, 0.3424



19.1569, 0.2862, 0.3624



19.1569, 0.2525, 0.3100

Sweetspot

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



19.1578, 0.3379, 0.2986



46.3788, 0.3189, 0.3205



18.1441, 0.2933, 0.2660



10.4960, 0.3194, 0.3199



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.



19.1578, 0.3379, 0.2986



31.3198, 0.3447, 0.2919



18.7209, 0.3619, 0.3291



5.8608, 0.3209, 0.3180



5.8051, 0.4911, 0.2479



0.0770, 0.4035, 0.1997

Inverse Universe

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



19.1578, 0.3379, 0.2986



31.3198, 0.3447, 0.2919



26.3522, 0.2778, 0.3289



5.8608, 0.3209, 0.3180



5.8051, 0.4911, 0.2479



0.0770, 0.4035, 0.1997

Previews

White Background



This preview shows how the Yxy color 19.1569, 0.3379, 0.2986 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 19.1569, 0.3379, 0.2986 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

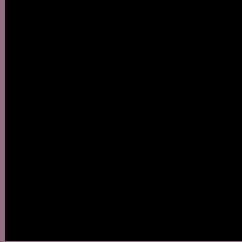
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 19.1569, 0.3379, 0.2986

Background



This preview shows how black text looks on a background with the Yxy color 19.1569, 0.3379, 0.2986.



This preview shows how white text looks on a background with the Yxy color 19.1569, 0.3379, 0.2986.

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

19.1569, 0.3379, 0.2986

Protanopia

19.4171, 0.2960, 0.3032

Deuteranopia

19.2612, 0.3161, 0.3109



Tritanopia

19.0798, 0.3468, 0.3136

Trichromacy



Original Color

19.1569, 0.3379, 0.2986

Protanomaly

19.1619, 0.3103, 0.3003

Deuteranomaly

19.0542, 0.3241, 0.3060

Tritanomaly

19.1546, 0.3429, 0.3085

Monochromacy



Original Color

19.1569, 0.3379, 0.2986

Achromatopsia

20.1556, 0.3127, 0.3290

Achromatomaly

19.6055, 0.3208, 0.3164

CSS Examples

Text

The CSS property to change the color of the text to Yxy 19.1569, 0.3379, 0.2986 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(147, 111, 129)` looks like.

```
.text, #text, p{  
    color:rgb(147, 111, 129)  
}
```

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(147, 111, 129) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(147, 111, 129) }
```

Border

The CSS property to change the border of an element to Yxy 19.1569, 0.3379, 0.2986 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(147, 111, 129) }
```

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

```
.border{ border-color:rgb(147, 111, 129) }
```

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

Here you see how a box with a 4 pixel `rgb(147, 111, 129)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(147, 111, 129); -webkit-box-  
shadow:4px 4px 4px 4px rgb(147, 111, 129);  
box-shadow:4px 4px 4px 4px rgb(147, 111,  
129) }
```


Background

The CSS property to change the background color of an element to Yxy 19.1569, 0.3379, 0.2986 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(147, 111, 129) }
```

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

```
.background{ background-color: rgb(147,  
111, 129) }
```

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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