

Converting Colors

$Y_{xy}(19.0828, 0.3214, 0.2792)$

Have a look what the booklet for
Yxy(19.0828, 0.3214, 0.2792)
contains.

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Color

Yxy(19.0651, 0.3215, 0.2788)

Conversions

Conversions Part 1

Format	Color
Hex	916E8C
RGB	145, 110, 140
RGB Percent	57%, 43%, 55%
CMY	0.4314, 0.5686, 0.4510
CMYK	0.00, 0.24, 0.03, 0.43
HSL	309°, 14%, 50%
HSV	309°, 24%, 57%
XYZ	21.9850, 19.0651, 27.3326
YIQ	123.8850, 11.2300, 16.7500

Conversions

Conversions Part 2

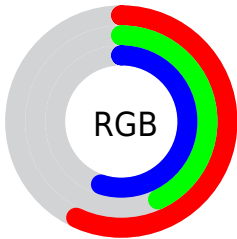
Format	Color
R _{YB}	145, 110, 140
Decimal	9531020
CIE _{Lab}	50.76, 19.15, -11.06
CIE _{LCh}	51, 22.114, 330.006
Yxy	19.0651, 0.3215, 0.2788
Android (android.graphics.Color)	4287721100 (0xFF916E8C)
YUV	123.8850, 7.9447, 18.5179
Hunter-Lab	43.6636, 13.4652, -6.5499

Details

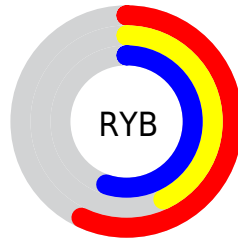
The Yxy color $19.0651, 0.3215, 0.2788$ is a dark color, and the websafe version is hex 996699 . A complement of this color would be $24.8005, 0.3050, 0.3850$, and the grayscale version is $20.0863, 0.3127, 0.3290$.

A 20% lighter version of the original color is $41.8778, 0.3192, 0.2893$, and $6.5631, 0.3241, 0.2599$ is the 20% darker color. If you saturate the color by 10%, you get $16.1284, 0.3259, 0.2577$, and if you desaturate by 10%, it is $22.5166, 0.3175, 0.3000$.

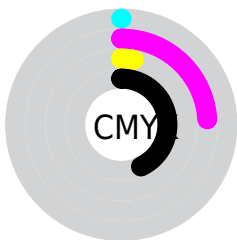
Distribution



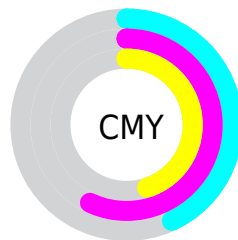
- Red (57%)
- Green (43%)
- Blue (55%)



- Red (57%)
- Yellow (43%)
- Blue (55%)



- Cyan (0%)
- Magenta (24%)
- Yellow (3%)
- Black (43%)





- Cyan (43%)
- Magenta (57%)
- Yellow (45%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 19.0651, 0.3215, 0.2788 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 19.0651, 0.3215, 0.2788 by changing the saturation by 10% instead.

 19.0651, 0.3215,
0.2788


 19.0651, 0.3215,
0.2788


246.8079, 0.3169,
0.3066


 11.7173, 0.3227,
0.2708


 41.8441, 0.3198,
0.2896

 6.5515, 0.3242,
0.2598


 58.0441, 0.3192,
0.2935

 3.1832, 0.3263,
0.2438

 77.9636, 0.3186,
0.2966

 1.2281, 0.3289,
0.2183

 101.9870, 0.3182,
0.2993

 0.0845, 0.3659,
0.0564

130.4988, 0.3178,
0.3015

 0.0000, 0.0000,
0.0000

163.8833, 0.3175,

0.3035

202.5248, 0.3172,
0.3051

■ 19.0651, 0.3215,
0.2788

■ 19.0651, 0.3215,
0.2788

■ 16.1284, 0.3259,
0.2577

■ 22.5166, 0.3175,
0.3000

■ 13.6790, 0.3307,
0.2374

■ 26.5035, 0.3140,
0.3207

■ 11.6909, 0.3358,
0.2188

■ 31.0485, 0.3110,
0.3405

■ 10.1345, 0.3412,
0.2028

■ 36.1721, 0.3083,
0.3592

■ 8.9769, 0.3465,
0.1902

■ 41.8938, 0.3060,
0.3767

■ 8.1801, 0.3518,
0.1815

■ 48.2322, 0.3041,
0.3928

■ 7.6979, 0.3568,
0.1772

■ 55.2051, 0.3025,
0.4076

■ 7.4820, 0.3597,
0.1755

■ 62.8296, 0.3011,
0.4211

■ 71.1220, 0.2999,
0.4335

Harmonies

Analogous

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



19.0651, 0.2807, 0.2637



19.0651, 0.3215, 0.2788



19.0651, 0.3623, 0.3053

Triad

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



19.0651, 0.3215, 0.2788



19.0651, 0.3765, 0.3961



19.0651, 0.2411, 0.3118

Complementary

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



19.0651, 0.3215, 0.2788



24.8005, 0.3050, 0.3850

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.



19.0651, 0.2636, 0.3525



19.0651, 0.3215, 0.2788



19.0651, 0.3413, 0.4039

Square

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



19.0651, 0.3215, 0.2788



19.0651, 0.3949, 0.3711



19.0651, 0.2999, 0.3880



19.0651, 0.2365, 0.2799

Rectangle

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



19.0651, 0.3215, 0.2788



19.0651, 0.3829, 0.3268



19.0651, 0.2999, 0.3880



19.0651, 0.2467, 0.3250

Sweetspot

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



19.0659, 0.3215, 0.2788



45.2119, 0.3150, 0.3145



16.8204, 0.2784, 0.2643



9.9778, 0.3152, 0.3135



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.



19.0659, 0.3215, 0.2788



31.1564, 0.3239, 0.2672



18.5984, 0.3436, 0.3069



5.4980, 0.3157, 0.3103



6.4216, 0.3594, 0.1754



0.0637, 0.3384, 0.1638

Inverse Universe

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



19.0659, 0.3215, 0.2788



31.1564, 0.3239, 0.2672



25.2332, 0.2894, 0.3523



5.4980, 0.3157, 0.3103



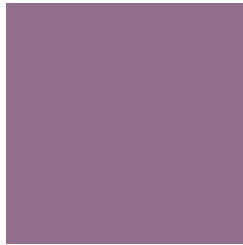
6.4216, 0.3594, 0.1754



0.0637, 0.3384, 0.1638

Previews

White Background



This preview shows how the Yxy color 19.0651, 0.3215, 0.2788 looks on a white background.

Color Contrast Check

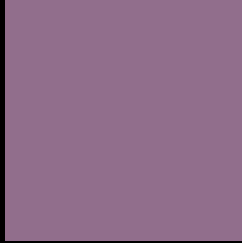
Large Text (above 18pt) WCAG AA ✓ Pass

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 19.0651, 0.3215, 0.2788 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

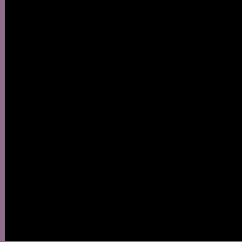
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 19.0651, 0.3215, 0.2788

Background



This preview shows how black text looks on a background with the Yxy color 19.0651, 0.3215, 0.2788.



This preview shows how white text looks on a background with the Yxy color 19.0651, 0.3215, 0.2788.

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

19.0651, 0.3215, 0.2788

Protanopia

19.1844, 0.2780, 0.2799

Deuteranopia

19.1518, 0.2986, 0.2929



Tritanopia

19.0550, 0.3412, 0.3134

Trichromacy



Original Color

19.0651, 0.3215, 0.2788

Protanomaly

18.9400, 0.2932, 0.2793

Deuteranomaly

19.0311, 0.3060, 0.2868

Tritanomaly

19.1026, 0.3337, 0.2999

Monochromacy



Original Color

19.0651, 0.3215, 0.2788

Achromatopsia

20.1556, 0.3127, 0.3290

Achromatomaly

19.7109, 0.3161, 0.3094

CSS Examples

Text

The CSS property to change the color of the text to Yxy 19.0651, 0.3215, 0.2788 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(145, 110, 140)` looks like.

```
.text, #text, p{  
    color:rgb(145, 110, 140)  
}
```

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(145, 110, 140) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(145, 110, 140) }
```

Border

The CSS property to change the border of an element to Yxy 19.0651, 0.3215, 0.2788 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(145, 110, 140) }
```

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

```
.border{ border-color:rgb(145, 110, 140) }
```

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

Here you see how a box with a 4 pixel `rgb(145, 110, 140)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(145, 110, 140); -webkit-box-  
shadow:4px 4px 4px 4px rgb(145, 110, 140);  
box-shadow:4px 4px 4px 4px rgb(145, 110,  
140) }
```


Background

The CSS property to change the background color of an element to Yxy 19.0651, 0.3215, 0.2788 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(145, 110, 140) }
```

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

```
.background{ background-color: rgb(145,  
110, 140) }
```

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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