

Converting Colors

$Y_{xy}(17.8986, 0.3240, 0.2687)$

Have a look what the booklet for
Yxy(17.8986, 0.3240, 0.2687)
contains.

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Color

Yxy(17.9051, 0.3235, 0.2689)

Conversions

Conversions Part 1

Format	Color
Hex	92688C
RGB	146, 104, 140
RGB Percent	57%, 41%, 55%
CMY	0.4274, 0.5922, 0.4509
CMYK	0.00, 0.29, 0.04, 0.43
HSL	309°, 17%, 49%
HSV	309°, 29%, 57%
XYZ	21.5407, 17.9051, 27.1406
YIQ	120.6620, 13.4760, 20.1000

Conversions

Conversions Part 2

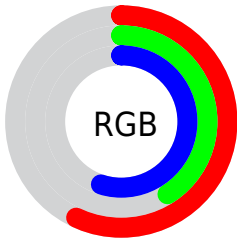
Format	Color
R_{YB}	146, 104, 140
Decimal	9595020
CIE _{Lab}	49.38, 23.03, -13.14
CIE _{LCh}	49, 26.516, 330.287
Yxy	17.9051, 0.3235, 0.2689
Android (android.graphics.Color)	4287785100 (0xFF92688C)
YUV	120.6620, 9.5336, 22.2214
Hunter-Lab	42.3144, 16.8176, -8.4088

Details

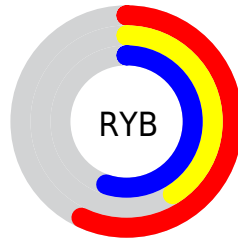
The Yxy color $17.9051, 0.3235, 0.2689$ is a dark color, and the websafe version is hex 996699 . A complement of this color would be $24.6294, 0.3036, 0.3976$, and the grayscale version is $18.9721, 0.3127, 0.3290$.

A 20% lighter version of the original color is $39.9513, 0.3206, 0.2818$, and $5.9994, 0.3272, 0.2460$ is the 20% darker color. If you saturate the color by 10%, you get $15.1559, 0.3281, 0.2481$, and if you desaturate by 10%, it is $21.1660, 0.3193, 0.2901$.

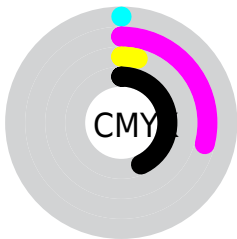
Distribution



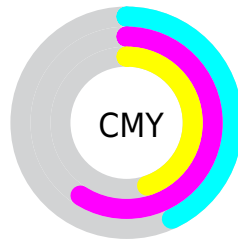
- Red (57%)
- Green (41%)
- Blue (55%)



- Red (57%)
- Yellow (41%)
- Blue (55%)



- Cyan (0%)
- Magenta (29%)
- Yellow (4%)
- Black (43%)





- Cyan (43%)
- Magenta (59%)
- Yellow (45%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 17.9051, 0.3235, 0.2689 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 17.9051, 0.3235, 0.2689 by changing the saturation by 10% instead.

 17.9051, 0.3235,
0.2689


 17.9051, 0.3235,
0.2689


240.3356, 0.3179,
0.3022


 10.8819, 0.3249,
0.2593


 39.8756, 0.3214,
0.2819


 5.9875, 0.3267,
0.2462


 55.5916, 0.3207,
0.2865

 2.8375, 0.3291,
0.2270

 74.9740, 0.3200,
0.2903

 1.0475, 0.3319,
0.1969

 98.4072, 0.3195,
0.2934

 0.0000, 0.3706,
0.0000

126.2755, 0.3190,
0.2961

 0.0000, 0.0000,
0.0000

158.9634, 0.3186,

0.2984

196.8553, 0.3182,
0.3004

■ 17.9051, 0.3235,
0.2689

■ 17.9051, 0.3235,
0.2689

■ 15.1559, 0.3281,
0.2481

■ 21.1660, 0.3193,
0.2901

■ 12.8898, 0.3331,
0.2285

■ 24.9605, 0.3156,
0.3111

■ 11.0791, 0.3383,
0.2109

■ 29.3124, 0.3123,
0.3314

■ 9.6920, 0.3437,
0.1964

■ 34.2429, 0.3095,
0.3507

■ 8.6930, 0.3490,
0.1856

■ 39.7725, 0.3071,
0.3688

■ 8.0406, 0.3542,
0.1790

■ 45.9205, 0.3050,
0.3855

■ 7.6433, 0.3591,
0.1759

■ 52.7053, 0.3032,
0.4009

■ 7.5979, 0.3597,
0.1755

■ 60.1447, 0.3017,
0.4150

■ 68.2556, 0.3004,
0.4279

Harmonies

Analogous

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



17.9051, 0.2739, 0.2507



17.9051, 0.3235, 0.2689



17.9051, 0.3738, 0.3003

Triad

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



17.9051, 0.3235, 0.2689



17.9051, 0.3896, 0.4105



17.9051, 0.2260, 0.3066

Complementary

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



17.9051, 0.3235, 0.2689



24.6294, 0.3036, 0.3976

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.



17.9051, 0.2524, 0.3572



17.9051, 0.3235, 0.2689



17.9051, 0.3463, 0.4215

Square

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



17.9051, 0.3235, 0.2689



17.9051, 0.4131, 0.3790



17.9051, 0.2960, 0.4021



17.9051, 0.2211, 0.2684

Rectangle

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



17.9051, 0.3235, 0.2689



17.9051, 0.3992, 0.3259



17.9051, 0.2960, 0.4021



17.9051, 0.2325, 0.3228

Sweetspot

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



17.9059, 0.3235, 0.2689



43.7350, 0.3157, 0.3103



15.2646, 0.2706, 0.2500



9.5225, 0.3162, 0.3076



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.



17.9059, 0.3235, 0.2689



28.1273, 0.3266, 0.2544



17.3533, 0.3513, 0.3024



5.8951, 0.3158, 0.3102



6.6876, 0.3595, 0.1754



0.0850, 0.3384, 0.1638

Inverse Universe

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



17.9059, 0.3235, 0.2689



28.1273, 0.3266, 0.2544



25.1320, 0.2853, 0.3574



5.8951, 0.3158, 0.3102



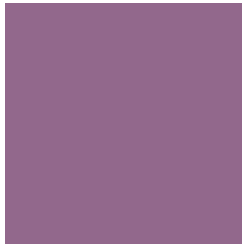
6.6876, 0.3595, 0.1754



0.0850, 0.3384, 0.1638

Previews

White Background



This preview shows how the Yxy color 17.9051, 0.3235, 0.2689 looks on a white background.

Color Contrast Check

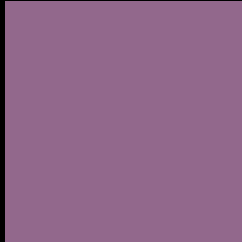
Large Text (above 18pt) WCAG AA ✓ Pass

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 17.9051, 0.3235, 0.2689 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

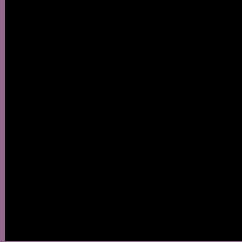
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 17.9051, 0.3235, 0.2689

Background



This preview shows how black text looks on a background with the Yxy color 17.9051, 0.3235, 0.2689.



This preview shows how white text looks on a background with the Yxy color 17.9051, 0.3235, 0.2689.

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

17.9051, 0.3235, 0.2689

Protanopia

17.9757, 0.2701, 0.2682

Deuteranopia

18.0184, 0.2913, 0.2865



Tritanopia

17.8491, 0.3493, 0.3133

Trichromacy



Original Color

17.9051, 0.3235, 0.2689

Protanomaly

17.8746, 0.2873, 0.2681

Deuteranomaly

17.9001, 0.3024, 0.2790

Tritanomaly

17.9254, 0.3401, 0.2979

Monochromacy



Original Color

17.9051, 0.3235, 0.2689

Achromatopsia

19.1202, 0.3127, 0.3290

Achromatomaly

18.5658, 0.3164, 0.3054

CSS Examples

Text

The CSS property to change the color of the text to Yxy 17.9051, 0.3235, 0.2689 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(146, 104, 140)` looks like.

```
.text, #text, p{  
    color:rgb(146, 104, 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(146, 104, 140) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(146, 104, 140) }
```

Border

The CSS property to change the border of an element to Yxy 17.9051, 0.3235, 0.2689 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(146, 104, 140) }
```

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

```
.border{ border-color:rgb(146, 104, 140) }
```

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

Here you see how a box with a 4 pixel `rgb(146, 104, 140)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(146, 104, 140); -webkit-box-  
shadow:4px 4px 4px 4px rgb(146, 104, 140);  
box-shadow:4px 4px 4px 4px rgb(146, 104,  
140) }
```


Background

The CSS property to change the background color of an element to Yxy 17.9051, 0.3235, 0.2689 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(146, 104, 140) }
```

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

```
.background{ background-color: rgb(146,  
104, 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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