

Converting Colors

$Y_{xy}(17.8593, 0.3361, 0.2589)$

Have a look what the booklet for
Yxy(17.8593, 0.3361, 0.2589)
contains.

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Color

Yxy(17.8565, 0.3364, 0.2594)

Conversions

Conversions Part 1

Format	Color
Hex	9D628E
RGB	157, 98, 142
RGB Percent	62%, 38%, 56%
CMY	0.3843, 0.6157, 0.4431
CMYK	0.00, 0.38, 0.10, 0.38
HSL	315°, 23%, 50%
HSV	315°, 38%, 62%
XYZ	23.1570, 17.8565, 27.8242
YIQ	120.6570, 21.0400, 26.1920

Conversions

Conversions Part 2

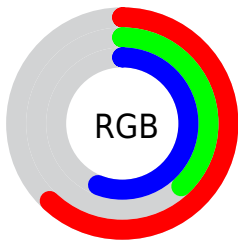
Format	Color
R _Y B	157, 98, 142
Decimal	10314382
CIE Lab	49.32, 30.73, -14.29
CIE LCh	49, 33.888, 335.054
Yxy	17.8565, 0.3364, 0.2594
Android (android.graphics.Color)	4288504462 (0xFF9D628E)
YUV	120.6570, 10.5221, 31.8728
Hunter-Lab	42.2570, 23.8692, -9.4598

Details

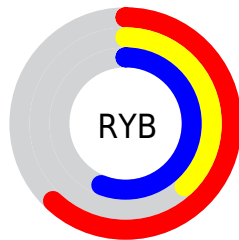
The Yxy color **17.8565, 0.3364, 0.2594** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **27.9053, 0.2955, 0.4108**, and the grayscale version is **18.9652, 0.3127, 0.3290**.

A 20% lighter version of the original color is **39.9443, 0.3317, 0.2743**, and **5.9124, 0.3433, 0.2322** is the 20% darker color. If you saturate the color by 10%, you get **15.0842, 0.3448, 0.2415**, and if you desaturate by 10%, it is **21.2111, 0.3289, 0.2781**.

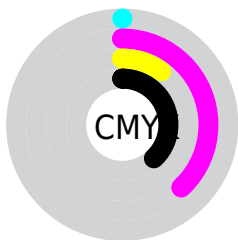
Distribution



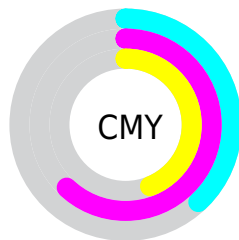
- Red (62%)
- Green (38%)
- Blue (56%)



- Red (62%)
- Yellow (38%)
- Blue (56%)



- Cyan (0%)
- Magenta (38%)
- Yellow (10%)
- Black (38%)




- Cyan (38%)
- Magenta (62%)
- Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 17.8565, 0.3364, 0.2594 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 17.8565, 0.3364, 0.2594 by changing the saturation by 10% instead.


 17.8565, 0.3364,
0.2594


 17.8565, 0.3364,
0.2594


240.0610, 0.3236,
0.2976


 10.8470, 0.3399,
0.2486


 39.7927, 0.3315,
0.2742


 5.9641, 0.3446,
0.2339


 55.4881, 0.3298,
0.2795

 2.8232, 0.3511,
0.2128

 74.8477, 0.3283,
0.2838

 1.0402, 0.3606,
0.1803

 98.2557, 0.3271,
0.2875

 0.0000, 0.4252,
0.0000

126.0967, 0.3260,
0.2906

 0.0000, 0.0000,
0.0000

158.7550, 0.3251,

0.2932

196.6149, 0.3243,
0.2956

■ 17.8565, 0.3364,
0.2594

■ 17.8565, 0.3364,
0.2594

■ 15.0842, 0.3448,
0.2415

■ 21.2111, 0.3289,
0.2781

■ 12.8577, 0.3541,
0.2254

■ 25.1766, 0.3222,
0.2970

■ 11.1405, 0.3639,
0.2120


■ 29.7828, 0.3165,
0.3155


■ 9.8905, 0.3740,
0.2023


■ 35.0567, 0.3116,
0.3332

■ 9.0586, 0.3842,
0.1970

■ 41.0238, 0.3074,
0.3499


 8.5614, 0.3942,
0.1959

 47.7084, 0.3039,
0.3654

 8.4562, 0.3966,
0.1958

 55.1334, 0.3010,
0.3798

 63.3207, 0.2985,
0.3930

 72.2915, 0.2964,
0.4052

Harmonies

Analogous

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



17.8565, 0.2721, 0.2342



17.8565, 0.3364, 0.2594



17.8565, 0.3997, 0.2994

Triad

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



17.8565, 0.3364, 0.2594



17.8565, 0.4012, 0.4358



17.8565, 0.2017, 0.2896

Complementary

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



17.8565, 0.3364, 0.2594



27.9053, 0.2955, 0.4108

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.



17.8565, 0.2293, 0.3539



17.8565, 0.3364, 0.2594



17.8565, 0.3434, 0.4479

Square

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



17.8565, 0.3364, 0.2594



17.8565, 0.4373, 0.3966



17.8565, 0.2804, 0.4172



17.8565, 0.2003, 0.2464

Rectangle

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



17.8565, 0.3364, 0.2594



17.8565, 0.4293, 0.3311



17.8565, 0.2804, 0.4172



17.8565, 0.2080, 0.3094

Sweetspot

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



17.8573, 0.3364, 0.2594



50.2044, 0.3185, 0.3089



14.6636, 0.2622, 0.2231



10.8202, 0.3192, 0.3066



78.7412, 0.3127, 0.3290



13.2868, 0.3127, 0.3290

Same Dimension

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



17.8573, 0.3364, 0.2594



27.7930, 0.3433, 0.2445



17.0904, 0.3789, 0.3049



6.7258, 0.3174, 0.3125



6.8734, 0.3959, 0.1954



0.1292, 0.3606, 0.1760

Inverse Universe

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



17.8573, 0.3364, 0.2594



27.7930, 0.3433, 0.2445



28.6740, 0.2724, 0.3551



6.7258, 0.3174, 0.3125



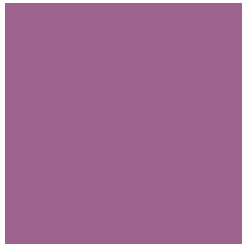
6.8734, 0.3959, 0.1954



0.1292, 0.3606, 0.1760

Previews

White Background



This preview shows how the Yxy color 17.8565, 0.3364, 0.2594 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 17.8565, 0.3364, 0.2594 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

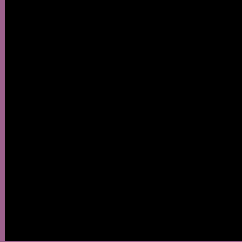
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 17.8565, 0.3364, 0.2594

Background



This preview shows how black text looks on a background with the Yxy color 17.8565, 0.3364, 0.2594.



This preview shows how white text looks on a background with the Yxy color 17.8565, 0.3364, 0.2594.

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

17.8565, 0.3364, 0.2594

Protanopia

17.9831, 0.2614, 0.2579

Deuteranopia

18.0475, 0.2903, 0.2847



Tritanopia

17.8428, 0.3718, 0.3157

Trichromacy



Original Color

17.8565, 0.3364, 0.2594

Protanomaly

17.4993, 0.2852, 0.2568

Deuteranomaly

17.8173, 0.3063, 0.2746

Tritanomaly

17.8028, 0.3580, 0.2943

Monochromacy



Original Color

17.8565, 0.3364, 0.2594

Achromatopsia

19.1202, 0.3127, 0.3290

Achromatomaly

18.4636, 0.3205, 0.3004

CSS Examples

Text

The CSS property to change the color of the text to Yxy 17.8565, 0.3364, 0.2594 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(157, 98, 142)` looks like.

```
.text, #text, p{  
    color:rgb(157, 98, 142)  
}
```

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(157, 98, 142) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(157, 98, 142) }
```

Border

The CSS property to change the border of an element to Yxy 17.8565, 0.3364, 0.2594 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(157, 98, 142) }
```

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

```
.border{ border-color:rgb(157, 98, 142) }
```

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

Here you see how a box with a 4 pixel `rgb(157, 98, 142)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(157, 98, 142); -webkit-box-  
shadow:4px 4px 4px 4px rgb(157, 98, 142);  
box-shadow:4px 4px 4px 4px rgb(157, 98,  
142) }
```


Background

The CSS property to change the background color of an element to Yxy 17.8565, 0.3364, 0.2594 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(157, 98, 142) }
```

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

```
.background{ background-color: rgb(157, 98,  
142) }
```

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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