

Converting Colors

$Y_{xy}(19.4512, 0.3251, 0.2868)$

Have a look what the booklet for
Yxy(19.4512, 0.3251, 0.2868)
contains.

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Color

Yxy(19.4142, 0.3250, 0.2870)

Conversions

Conversions Part 1

Format	Color
Hex	917089
RGB	145, 112, 137
RGB Percent	57%, 44%, 54%
CMY	0.4314, 0.5608, 0.4628
CMYK	0.00, 0.23, 0.06, 0.43
HSL	315°, 13%, 50%
HSV	315°, 23%, 57%
XYZ	21.9847, 19.4142, 26.2464
YIQ	124.7170, 11.6430, 14.7710

Conversions

Conversions Part 2

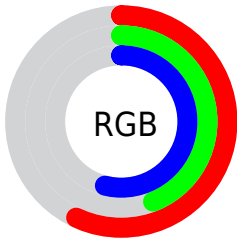
Format	Color
R_{YB}	145, 112, 137
Decimal	9531529
CIE _{Lab}	51.17, 17.41, -8.66
CIE _{LCh}	51, 19.442, 333.539
Yxy	19.4142, 0.3250, 0.2870
Android (android.graphics.Color)	4287721609 (0xFF917089)
YUV	124.7170, 6.0555, 17.7882
Hunter-Lab	44.0615, 11.9557, -4.4745

Details

The Yxy color $19.4142, 0.3250, 0.2870$ is a dark color, and the websafe version is hex 996699 . A complement of this color would be $25.0520, 0.3024, 0.3750$, and the grayscale version is $20.3846, 0.3127, 0.3290$.

A 20% lighter version of the original color is $42.4107, 0.3225, 0.2966$, and $6.7346, 0.3296, 0.2717$ is the 20% darker color. If you saturate the color by 10%, you get $16.3691, 0.3318, 0.2680$, and if you desaturate by 10%, it is $22.9797, 0.3191, 0.3059$.

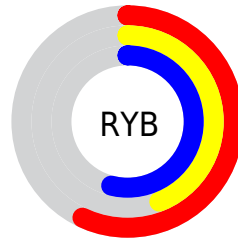
Distribution



Red (57%)

Green (44%)

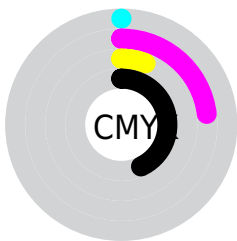
Blue (54%)



Red (57%)

Yellow (44%)

Blue (54%)

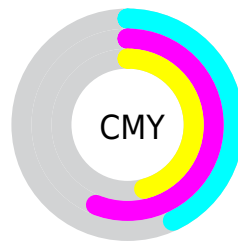


Cyan (0%)

Magenta (23%)

Yellow (6%)

Black (43%)



Cyan (43%)


Magenta (56%)

Yellow (46%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 19.4142, 0.3250, 0.2870 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 19.4142, 0.3250, 0.2870 by changing the saturation by 10% instead.


 19.4142, 0.3250,
0.2870


 19.4142, 0.3250,
0.2870


248.7259, 0.3183,
0.3103


 11.9699, 0.3269,
0.2802


 42.4328, 0.3224,
0.2961


 6.7232, 0.3294,
0.2709


 58.7760, 0.3215,
0.2993

 3.2896, 0.3331,
0.2572

 78.8543, 0.3207,
0.3020

 1.2847, 0.3388,
0.2352

 103.0521, 0.3201,
0.3042

 0.1293, 0.3848,
0.0909

131.7537, 0.3195,
0.3061

 0.0000, 0.0000,
0.0000

165.3436, 0.3191,

0.3077

204.2063, 0.3187,
0.3091

■ 19.4142, 0.3250,
0.2870

■ 19.4142, 0.3250,
0.2870

■ 16.3691, 0.3318,
0.2680

■ 22.9797, 0.3191,
0.3059

■ 13.8170, 0.3394,
0.2495

■ 27.0859, 0.3140,
0.3241

■ 11.7323, 0.3478,
0.2323

■ 31.7553, 0.3096,
0.3415

■ 10.0856, 0.3568,
0.2173

■ 37.0084, 0.3059,
0.3578

■ 8.8445, 0.3663,
0.2054

■ 42.8646, 0.3028,
0.3729

7.9720, 0.3759,
0.1976

49.3423, 0.3002,
0.3869

7.4243, 0.3854,
0.1942

56.4593, 0.2980,
0.3997

7.1397, 0.3922,
0.1934

64.2327, 0.2961,
0.4115

72.6786, 0.2946,
0.4222

Harmonies

Analogous

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



19.4142, 0.2886, 0.2722



19.4142, 0.3250, 0.2870



19.4142, 0.3597, 0.3115

Triad

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



19.4142, 0.3250, 0.2870



19.4142, 0.3657, 0.3896



19.4142, 0.2483, 0.3105

Complementary

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



19.4142, 0.3250, 0.2870



25.0520, 0.3024, 0.3750

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.



19.4142, 0.2666, 0.3454



19.4142, 0.3250, 0.2870



19.4142, 0.3339, 0.3935

Square

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



19.4142, 0.3250, 0.2870



19.4142, 0.3837, 0.3695



19.4142, 0.2976, 0.3772



19.4142, 0.2462, 0.2837

Rectangle

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



19.4142, 0.3250, 0.2870



19.4142, 0.3764, 0.3310



19.4142, 0.2976, 0.3772



19.4142, 0.2527, 0.3217

Sweetspot

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



19.4151, 0.3250, 0.2870



45.1554, 0.3161, 0.3162



17.6064, 0.2845, 0.2691



9.9643, 0.3164, 0.3153



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.



19.4151, 0.3250, 0.2870



32.0331, 0.3281, 0.2778



18.9853, 0.3457, 0.3139



5.4889, 0.3172, 0.3125



6.1284, 0.3917, 0.1931



0.0621, 0.3531, 0.1719

Inverse Universe

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



19.4151, 0.3250, 0.2870



32.0331, 0.3281, 0.2778



25.4785, 0.2877, 0.3447



5.4889, 0.3172, 0.3125



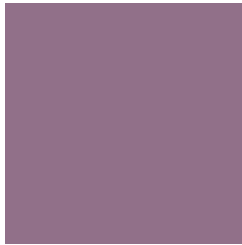
6.1284, 0.3917, 0.1931



0.0621, 0.3531, 0.1719

Previews

White Background



This preview shows how the Yxy color 19.4142, 0.3250, 0.2870 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 19.4142, 0.3250, 0.2870 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

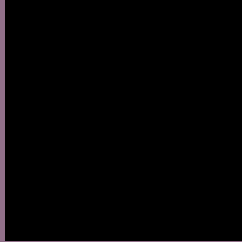
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 19.4142, 0.3250, 0.2870

Background



This preview shows how black text looks on a background with the Yxy color 19.4142, 0.3250, 0.2870.



This preview shows how white text looks on a background with the Yxy color 19.4142, 0.3250, 0.2870.

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

19.4142, 0.3250, 0.2870

Protanopia

19.5095, 0.2854, 0.2890

Deuteranopia

19.5604, 0.3044, 0.2985



Tritanopia

19.3043, 0.3397, 0.3134

Trichromacy



Original Color

19.4142, 0.3250, 0.2870

Protanomaly

19.4691, 0.2989, 0.2882

Deuteranomaly

19.3367, 0.3119, 0.2939

Tritanomaly

19.2981, 0.3348, 0.3033

Monochromacy



Original Color

19.4142, 0.3250, 0.2870

Achromatopsia

20.5079, 0.3127, 0.3290

Achromatomaly

19.9235, 0.3172, 0.3129

CSS Examples

Text

The CSS property to change the color of the text to Yxy 19.4142, 0.3250, 0.2870 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, 112, 137)` looks like.

```
.text, #text, p{  
    color:rgb(145, 112, 137)  
}
```

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, 112, 137) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(145, 112, 137) }
```

Border

The CSS property to change the border of an element to Yxy 19.4142, 0.3250, 0.2870 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, 112, 137) }
```

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

```
.border{ border-color:rgb(145, 112, 137) }
```

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

Here you see how a box with a 4 pixel rgb(145, 112, 137) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(145, 112, 137); -webkit-box-  
shadow:4px 4px 4px 4px rgb(145, 112, 137);  
box-shadow:4px 4px 4px 4px rgb(145, 112,  
137) }
```


Background

The CSS property to change the background color of an element to Yxy 19.4142, 0.3250, 0.2870 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(145, 112, 137) }
```

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

```
.background{ background-color: rgb(145,  
112, 137) }
```

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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