

Converting Colors

$Y_{xy}(25.9969, 0.3133, 0.3174)$

Have a look what the booklet for
Yxy(25.9969, 0.3133, 0.3174)
contains.

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Color

Yxy(25.9247, 0.3143, 0.3176)

Conversions

Conversions Part 1

Format	Color
Hex	918990
RGB	145, 137, 144
RGB Percent	57%, 54%, 56%
CMY	0.4315, 0.4627, 0.4352
CMYK	0.00, 0.05, 0.01, 0.43
HSL	307°, 3%, 55%
HSV	307°, 5%, 57%
XYZ	25.6553, 25.9247, 30.0469
YIQ	140.1900, 2.5210, 3.8730

Conversions

Conversions Part 2

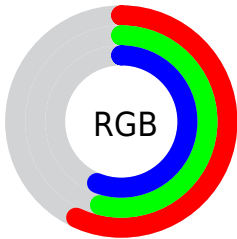
Format	Color
R_{YB}	145, 137, 144
Decimal	9537936
CIE _{Lab}	57.97, 4.32, -2.68
CIE _{LCh}	58, 5.083, 328.143
Yxy	25.9247, 0.3143, 0.3176
Android (android.graphics.Color)	4287728016 (0xFF918990)
YUV	140.1900, 1.8783, 4.2184
Hunter-Lab	50.9163, 0.8377, 0.6530

Details

The Yxy color $25.9247, 0.3143, 0.3176$ is a dark color, and the websafe version is hex 999999 . A complement of this color would be $27.3973, 0.3112, 0.3407$, and the grayscale version is $26.2951, 0.3127, 0.3290$.

A 20% lighter version of the original color is $53.0462, 0.3140, 0.3193$, and $10.0574, 0.3151, 0.3123$ is the 20% darker color. If you saturate the color by 10%, you get $22.0242, 0.3175, 0.2963$, and if you desaturate by 10%, it is $30.3821, 0.3115, 0.3381$.

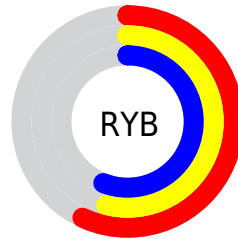
Distribution



Red (57%)

Green (54%)

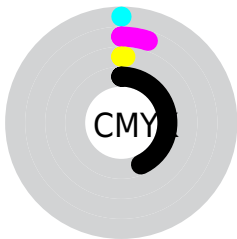
Blue (56%)



Red (57%)

Yellow (54%)

Blue (56%)

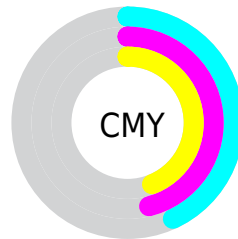


Cyan (0%)

Magenta (5%)

Yellow (1%)

Black (43%)



Cyan (43%)


Magenta (46%)


Yellow (44%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 25.9247, 0.3143, 0.3176 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 25.9247, 0.3143, 0.3176 by changing the saturation by 10% instead.


 25.9247, 0.3143,
0.3176


 25.9247, 0.3143,
0.3176


282.4122, 0.3135,
0.3238


 16.7673, 0.3145,
0.3158

 53.1534, 0.3140,
0.3200

 10.0687, 0.3148,
0.3135


 71.9936, 0.3139,
0.3209

 5.4446, 0.3153,
0.3100

 94.8301, 0.3138,
0.3216

 2.5104, 0.3159,
0.3046

122.0474, 0.3137,
0.3222

 0.8818, 0.3170,
0.2950

154.0299, 0.3136,
0.3227

 0.0000, 0.0000,
0.0000

191.1619, 0.3136,

0.3231

233.8279, 0.3135,
0.3235

■ 25.9247, 0.3143,
0.3176

■ 25.9247, 0.3143,
0.3176

■ 22.0242, 0.3175,
0.2963

■ 30.3821, 0.3115,
0.3381

■ 18.6554, 0.3210,
0.2746

■ 35.4139, 0.3091,
0.3575

■ 15.7959, 0.3249,
0.2531

■ 41.0406, 0.3070,
0.3756

■ 13.4207, 0.3291,
0.2326

■ 47.2812, 0.3051,
0.3924

■ 11.5024, 0.3336,
0.2140

■ 54.1534, 0.3036,
0.4077

■ 10.0112, 0.3381,
0.1981

■ 61.6744, 0.3023,
0.4218

■ 8.9134, 0.3426,
0.1857

■ 69.8607, 0.3012,
0.4346

■ 8.1706, 0.3470,
0.1774

■ 78.7283, 0.3002,
0.4463

■ 7.7287, 0.3511,
0.1732

■ 80.0635, 0.2994,
0.4460

Harmonies

Analogous

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



25.9247, 0.3057, 0.3145



25.9247, 0.3143, 0.3176



25.9247, 0.3226, 0.3237

Triad

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



25.9247, 0.3143, 0.3176



25.9247, 0.3265, 0.3430



25.9247, 0.2975, 0.3265

Complementary

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



25.9247, 0.3143, 0.3176



27.3973, 0.3112, 0.3407

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.



25.9247, 0.3029, 0.3344



25.9247, 0.3143, 0.3176



25.9247, 0.3196, 0.3440

Square

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



25.9247, 0.3143, 0.3176



25.9247, 0.3297, 0.3382



25.9247, 0.3110, 0.3408



25.9247, 0.2961, 0.3195

Rectangle

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



25.9247, 0.3143, 0.3176



25.9247, 0.3267, 0.3286



25.9247, 0.3110, 0.3408



25.9247, 0.2989, 0.3292

Sweetspot

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



25.9258, 0.3143, 0.3176



49.0890, 0.3133, 0.3248



25.3353, 0.3057, 0.3157



10.9434, 0.3133, 0.3251



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.



25.9258, 0.3143, 0.3176



45.2249, 0.3148, 0.3141



25.8068, 0.3184, 0.3240



5.6661, 0.3149, 0.3137



6.4946, 0.3527, 0.1717



0.0641, 0.3354, 0.1621

Inverse Universe

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



25.9258, 0.3143, 0.3176



45.2249, 0.3148, 0.3141



27.5141, 0.3074, 0.3340



5.6661, 0.3149, 0.3137



6.4946, 0.3527, 0.1717



0.0641, 0.3354, 0.1621

Previews

White Background



This preview shows how the Yxy color 25.9247, 0.3143, 0.3176 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 25.9247, 0.3143, 0.3176 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

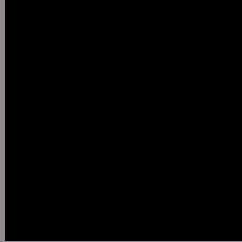
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

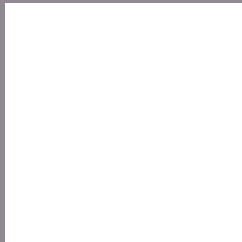
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 25.9247, 0.3143, 0.3176

Background



This preview shows how black text looks on a background with the Yxy color 25.9247, 0.3143, 0.3176.



This preview shows how white text looks on a background with the Yxy color 25.9247, 0.3143, 0.3176.

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

25.9247, 0.3143, 0.3176

Protanopia

26.0850, 0.3078, 0.3191

Deuteranopia

25.8256, 0.3201, 0.3146



Tritanopia

25.7346, 0.3114, 0.3112

Trichromacy



Original Color

25.9247, 0.3143, 0.3176

Protanomaly

25.9721, 0.3100, 0.3175

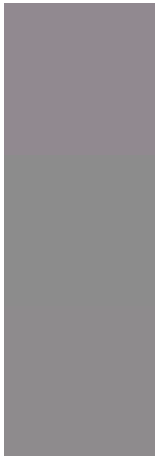
Deuteranomaly

25.9178, 0.3178, 0.3161

Tritanomaly

25.7034, 0.3124, 0.3128

Monochromacy



Original Color

25.9247, 0.3143, 0.3176

Achromatopsia

26.2251, 0.3127, 0.3290

Achromatomaly

26.1391, 0.3140, 0.3257

CSS Examples

Text

The CSS property to change the color of the text to Yxy 25.9247, 0.3143, 0.3176 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, 137, 144)` looks like.

```
.text, #text, p{  
    color:rgb(145, 137, 144)  
}
```

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, 137, 144) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(145, 137, 144) }
```

Border

The CSS property to change the border of an element to Yxy 25.9247, 0.3143, 0.3176 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, 137, 144) }
```

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

```
.border{ border-color:rgb(145, 137, 144) }
```

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

Here you see how a box with a 4 pixel `rgb(145, 137, 144)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(145, 137, 144); -webkit-box-  
shadow:4px 4px 4px 4px rgb(145, 137, 144);  
box-shadow:4px 4px 4px 4px rgb(145, 137,  
144) }
```


Background

The CSS property to change the background color of an element to Yxy 25.9247, 0.3143, 0.3176 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(145, 137, 144) }
```

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

```
.background{ background-color: rgb(145,  
137, 144) }
```

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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