

Converting Colors

$Y_{xy}(25.9444, 0.3092, 0.3076)$

Have a look what the booklet for
Yxy(25.9444, 0.3092, 0.3076)
contains.

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Color

Yxy(25.8301, 0.3083, 0.3065)

Conversions

Conversions Part 1

Format	Color
Hex	918896
RGB	145, 136, 150
RGB Percent	57%, 53%, 59%
CMY	0.4315, 0.4666, 0.4118
CMYK	0.03, 0.09, 0.00, 0.41
HSL	278°, 6%, 56%
HSV	278°, 9%, 59%
XYZ	25.9818, 25.8301, 32.4625
YIQ	140.2870, 0.8700, 6.2620

Conversions

Conversions Part 2

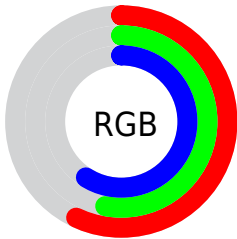
Format	Color
R_{YB}	145, 136, 150
Decimal	9537686
CIE _{Lab}	57.88, 6.07, -6.24
CIE _{LCh}	58, 8.704, 314.221
Yxy	25.8301, 0.3083, 0.3065
Android (android.graphics.Color)	4287727766 (0xFF918896)
YUV	140.2870, 4.7885, 4.1333
Hunter-Lab	50.8233, 2.3116, -2.2941

Details

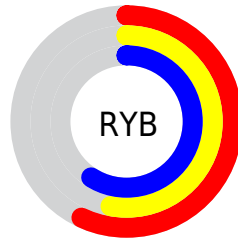
The Yxy color $25.8301, 0.3083, 0.3065$ is a dark color, and the websafe version is hex 999999 . A complement of this color would be $29.2493, 0.3168, 0.3518$, and the grayscale version is $26.3228, 0.3127, 0.3290$.

A 20% lighter version of the original color is $52.8969, 0.3095, 0.3110$, and $9.9893, 0.3076, 0.2984$ is the 20% darker color. If you saturate the color by 10%, you get $21.4208, 0.3027, 0.2808$, and if you desaturate by 10%, it is $30.8559, 0.3130, 0.3306$.

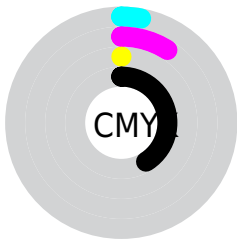
Distribution



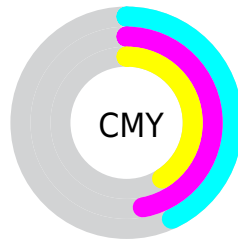
- Red (57%)
- Green (53%)
- Blue (59%)



- Red (57%)
- Yellow (53%)
- Blue (59%)



- Cyan (3%)
- Magenta (9%)
- Yellow (0%)
- Black (41%)



- Cyan (43%)
- Magenta (47%)
- Yellow (41%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 25.8301, 0.3083, 0.3065 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 25.8301, 0.3083, 0.3065 by changing the saturation by 10% instead.

■ 25.8301, 0.3083,
0.3065

■ 25.8301, 0.3083,
0.3065

281.9471, 0.3108,
0.3187

■ 16.6966, 0.3076,
0.3031

■ 53.0007, 0.3093,
0.3112

■ 10.0184, 0.3065,
0.2985

■ 71.8066, 0.3096,
0.3129

■ 5.4112, 0.3050,
0.2919

■ 94.6054, 0.3099,
0.3143

■ 2.4905, 0.3025,
0.2817

121.7816, 0.3101,
0.3154

■ 0.8719, 0.2977,
0.2637

153.7194, 0.3103,
0.3164

■ 0.0000, 0.0000,
0.0000

190.8033, 0.3105,

0.3173

233.4177, 0.3107,
0.3180

■ 25.8301, 0.3083,
0.3065

■ 25.8301, 0.3083,
0.3065

■ 21.4208, 0.3027,
0.2808

■ 30.8559, 0.3130,
0.3306

■ 17.6001, 0.2963,
0.2540

■ 36.5181, 0.3169,
0.3529

■ 14.3424, 0.2889,
0.2267

■ 42.8401, 0.3202,
0.3733

■ 11.6194, 0.2806,
0.1997

■ 49.8427, 0.3228,
0.3918

■ 9.4001, 0.2717,
0.1742

■ 57.5460, 0.3250,
0.4085

7.6500, 0.2623,
0.1514

65.9693, 0.3267,
0.4236

6.3305, 0.2528,
0.1323

75.1309, 0.3281,
0.4371

5.3964, 0.2435,
0.1177

84.4095, 0.3293,
0.4483

4.7435, 0.2345,
0.1069

85.1048, 0.3327,
0.4470

Harmonies

Analogous

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



25.8301, 0.2948, 0.3040



25.8301, 0.3083, 0.3065



25.8301, 0.3233, 0.3146

Triad

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



25.8301, 0.3083, 0.3065



25.8301, 0.3398, 0.3497



25.8301, 0.2902, 0.3310

Complementary

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



25.8301, 0.3083, 0.3065



29.2493, 0.3168, 0.3518

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.



25.8301, 0.3019, 0.3440



25.8301, 0.3083, 0.3065



25.8301, 0.3305, 0.3549

Square

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



25.8301, 0.3083, 0.3065



25.8301, 0.3417, 0.3392



25.8301, 0.3166, 0.3529



25.8301, 0.2846, 0.3177

Rectangle

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



25.8301, 0.3083, 0.3065



25.8301, 0.3321, 0.3223



25.8301, 0.3166, 0.3529



25.8301, 0.2936, 0.3356

Sweetspot

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



25.8312, 0.3083, 0.3065



51.0160, 0.3113, 0.3218



26.5265, 0.2987, 0.3144



11.1545, 0.3110, 0.3200



74.8414, 0.3127, 0.3290



11.9280, 0.3127, 0.3290

Same Dimension

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



25.8312, 0.3083, 0.3065



44.0341, 0.3073, 0.3017



26.2364, 0.3157, 0.3098



5.8063, 0.3084, 0.3068



3.9183, 0.2345, 0.1065



0.0646, 0.2753, 0.1290

Inverse Universe

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



26.0182, 0.3231, 0.3210



44.4320, 0.3255, 0.3193



28.8737, 0.3099, 0.3490



5.8477, 0.3230, 0.3211



5.6024, 0.5485, 0.2795



0.0738, 0.4436, 0.2217

Previews

White Background



This preview shows how the Yxy color 25.8301, 0.3083, 0.3065 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 25.8301, 0.3083, 0.3065 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

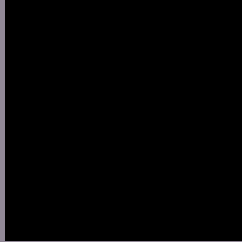
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 25.8301, 0.3083, 0.3065

Background



This preview shows how black text looks on a background with the Yxy color 25.8301, 0.3083, 0.3065.

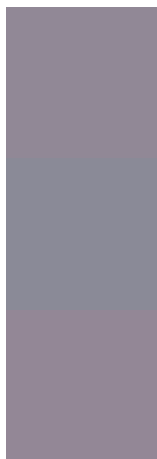


This preview shows how white text looks on a background with the Yxy color 25.8301, 0.3083, 0.3065.

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

25.8301, 0.3083, 0.3065

Protanopia

25.8146, 0.2998, 0.3077

Deuteranopia

25.7330, 0.3105, 0.3050



Tritanopia

25.7346, 0.3114, 0.3112

Trichromacy



Original Color

25.8301, 0.3083, 0.3065

Protanomaly

25.7884, 0.3030, 0.3062

Deuteranomaly

25.6409, 0.3094, 0.3049

Tritanomaly

25.7662, 0.3103, 0.3096

Monochromacy



Original Color

25.8301, 0.3083, 0.3065

Achromatopsia

26.2251, 0.3127, 0.3290

Achromatomaly

26.2296, 0.3109, 0.3208

CSS Examples

Text

The CSS property to change the color of the text to Yxy 25.8301, 0.3083, 0.3065 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, 136, 150)` looks like.

```
.text, #text, p{  
    color:rgb(145, 136, 150)  
}
```

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, 136, 150) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(145, 136, 150) }
```

Border

The CSS property to change the border of an element to Yxy 25.8301, 0.3083, 0.3065 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, 136, 150) }
```

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

```
.border{ border-color:rgb(145, 136, 150) }
```

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

Here you see how a box with a 4 pixel `rgb(145, 136, 150)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(145, 136, 150); -webkit-box-  
shadow:4px 4px 4px 4px rgb(145, 136, 150);  
box-shadow:4px 4px 4px 4px rgb(145, 136,  
150) }
```


Background

The CSS property to change the background color of an element to Yxy 25.8301, 0.3083, 0.3065 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(145, 136, 150) }
```

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

```
.background{ background-color: rgb(145,  
136, 150) }
```

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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