

Converting Colors

$Y_{xy}(25.4925, 0.3054, 0.3363)$

Have a look what the booklet for
Yxy(25.4925, 0.3054, 0.3363)
contains.

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Color

Yxy(25.5732, 0.3059, 0.3376)

Conversions

Conversions Part 1

Format	Color
Hex	828D88
RGB	130, 141, 136
RGB Percent	51%, 55%, 53%
CMY	0.4903, 0.4470, 0.4667
CMYK	0.08, 0.00, 0.04, 0.45
HSL	153°, 5%, 53%
HSV	153°, 8%, 55%
XYZ	23.1719, 25.5732, 27.0049
YIQ	137.1410, -4.9510, -3.8870

Conversions

Conversions Part 2

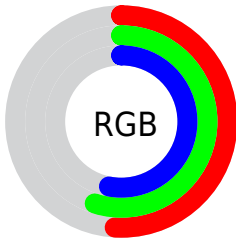
Format	Color
R_{YB}	130, 137, 141
Decimal	8555912
CIE Lab	57.63, -5.02, 1.29
CIE LCh	58, 5.180, 165.585
Yxy	25.5732, 0.3059, 0.3376
Android (android.graphics.Color)	4286745992 (0xFF828D88)
YUV	137.1410, -0.5625, -6.2627
Hunter-Lab	50.5700, -6.7060, 3.7375

Details

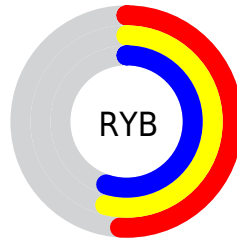
The Yxy color $25.5732, 0.3059, 0.3376$ is a dark color, and the websafe version is hex 999999 . A complement of this color would be $23.3725, 0.3201, 0.3206$, and the grayscale version is $25.0751, 0.3127, 0.3290$.

A 20% lighter version of the original color is $52.7716, 0.3076, 0.3366$, and $9.9034, 0.3043, 0.3419$ is the 20% darker color. If you saturate the color by 10%, you get $24.3579, 0.2974, 0.3497$, and if you desaturate by 10%, it is $26.9544, 0.3146, 0.3267$.

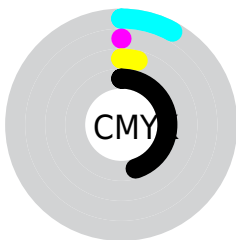
Distribution



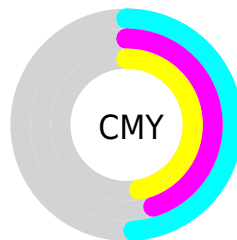
- Red (51%)
- Green (55%)
- Blue (53%)



- Red (51%)
- Yellow (54%)
- Blue (55%)



- Cyan (8%)
- Magenta (0%)
- Yellow (4%)
- Black (45%)



- Cyan (49%)
- Magenta (45%)
- Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 25.5732, 0.3059, 0.3376 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 25.5732, 0.3059, 0.3376 by changing the saturation by 10% instead.

■ 25.5732, 0.3059,
0.3376

■ 25.5732, 0.3059,
0.3376

280.6806, 0.3097,
0.3329

■ 16.5046, 0.3048,
0.3390

■ 52.5856, 0.3074,
0.3358

■ 9.8819, 0.3033,
0.3409

■ 71.2982, 0.3079,
0.3351

■ 5.3207, 0.3012,
0.3436

■ 93.9943, 0.3083,
0.3346

■ 2.4367, 0.2977,
0.3481

121.0583, 0.3087,
0.3341

■ 0.8447, 0.2890,
0.3587

152.8745, 0.3090,
0.3337

■ 0.0000, 0.0000,
0.0000

189.8273, 0.3092,

0.3334

232.3013, 0.3095,
0.3331

■ 25.5732, 0.3059,
0.3376

■ 25.5732, 0.3059,
0.3376

■ 24.3579, 0.2974,
0.3497

■ 26.9544, 0.3146,
0.3267

■ 23.2988, 0.2893,
0.3630

■ 28.5043, 0.3234,
0.3171

■ 22.3903, 0.2819,
0.3776

■ 30.2296, 0.3320,
0.3085

■ 21.6251, 0.2755,
0.3932

■ 32.1358, 0.3405,
0.3009

■ 20.9952, 0.2703,
0.4097

■ 34.2280, 0.3486,
0.2943

■ 20.4919, 0.2667,
0.4268

■ 36.5112, 0.3564,
0.2884

■ 20.1055, 0.2649,
0.4441

■ 38.9903, 0.3639,
0.2834

■ 19.8245, 0.2650,
0.4613

■ 41.6698, 0.3710,
0.2789

■ 19.6267, 0.2668,
0.4781

■ 44.1943, 0.3759,
0.2747

Harmonies

Analogous

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



25.5732, 0.3147, 0.3430



25.5732, 0.3059, 0.3376



25.5732, 0.2990, 0.3299

Triad

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



25.5732, 0.3059, 0.3376



25.5732, 0.3023, 0.3139



25.5732, 0.3300, 0.3356

Complementary

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



25.5732, 0.3059, 0.3376



23.3725, 0.3201, 0.3206

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.



25.5732, 0.3266, 0.3279



25.5732, 0.3059, 0.3376



25.5732, 0.3105, 0.3156

Square

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



25.5732, 0.3059, 0.3376



25.5732, 0.2969, 0.3163



25.5732, 0.3195, 0.3207



25.5732, 0.3287, 0.3417

Rectangle

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



25.5732, 0.3059, 0.3376



25.5732, 0.2963, 0.3245



25.5732, 0.3195, 0.3207



25.5732, 0.3294, 0.3331

Sweetspot

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



25.5743, 0.3059, 0.3376



47.1842, 0.3109, 0.3312



25.8253, 0.3174, 0.3478



10.5463, 0.3110, 0.3310



71.0566, 0.3127, 0.3290



10.6539, 0.3127, 0.3290

Same Dimension

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



25.5743, 0.3059, 0.3376



45.4768, 0.3047, 0.3392



25.6120, 0.3011, 0.3283



6.0755, 0.3047, 0.3392



17.8602, 0.2670, 0.4811



0.1752, 0.2468, 0.4083

Inverse Universe

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



23.3725, 0.3201, 0.3206



40.8853, 0.3215, 0.3190



23.3325, 0.3256, 0.3297



5.4623, 0.3215, 0.3190



5.5052, 0.5093, 0.2579



0.0570, 0.4150, 0.2060

Previews

White Background



This preview shows how the Yxy color 25.5732, 0.3059, 0.3376 looks on a white background.

Color Contrast Check

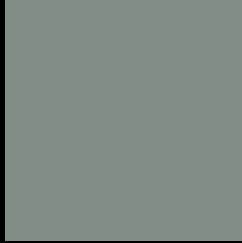
Large Text (above 18pt) WCAG AA ✓ Pass

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 25.5732, 0.3059, 0.3376 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

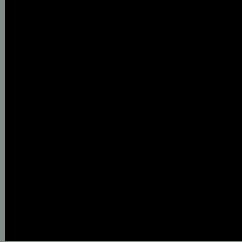
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

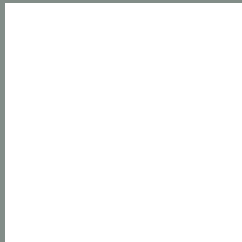
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 25.5732, 0.3059, 0.3376

Background



This preview shows how black text looks on a background with the Yxy color 25.5732, 0.3059, 0.3376.



This preview shows how white text looks on a background with the Yxy color 25.5732, 0.3059, 0.3376.

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

25.5732, 0.3059, 0.3376

Protanopia

25.6490, 0.3213, 0.3357

Deuteranopia

25.5317, 0.3300, 0.3242



Tritanopia

25.5728, 0.2946, 0.3106

Trichromacy



Original Color

25.5732, 0.3059, 0.3376

Protanomaly

25.6178, 0.3157, 0.3357

Deuteranomaly

25.6268, 0.3205, 0.3290

Tritanomaly

25.6258, 0.2983, 0.3205

Monochromacy



Original Color

25.5732, 0.3059, 0.3376

Achromatopsia

25.0158, 0.3127, 0.3290

Achromatomaly

25.0514, 0.3094, 0.3307

CSS Examples

Text

The CSS property to change the color of the text to Yxy 25.5732, 0.3059, 0.3376 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(130, 141, 136)` looks like.

```
.text, #text, p{  
    color:rgb(130, 141, 136)  
}
```

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(130, 141, 136) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(130, 141, 136) }
```

Border

The CSS property to change the border of an element to Yxy 25.5732, 0.3059, 0.3376 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(130, 141, 136) }
```

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

```
.border{ border-color:rgb(130, 141, 136) }
```

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

Here you see how a box with a 4 pixel `rgb(130, 141, 136)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(130, 141, 136); -webkit-box-  
shadow:4px 4px 4px 4px rgb(130, 141, 136);  
box-shadow:4px 4px 4px 4px rgb(130, 141,  
136) }
```


Background

The CSS property to change the background color of an element to Yxy 25.5732, 0.3059, 0.3376 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(130, 141, 136) }
```

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

```
.background{ background-color: rgb(130,  
141, 136) }
```

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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