

Converting Colors

$Y_{xy}(25.4889, 0.3066, 0.3347)$

Have a look what the booklet for
Yxy(25.4889, 0.3066, 0.3347)
contains.

Yxy(25.3876, 0.3060, 0.3341)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(25.3876, 0.3060, 0.3341)

Conversions

Conversions Part 1

Format	Color
Hex	838C89
RGB	131, 140, 137
RGB Percent	51%, 55%, 54%
CMY	0.4863, 0.4510, 0.4627
CMYK	0.06, 0.00, 0.02, 0.45
HSL	160°, 4%, 53%
HSV	160°, 6%, 55%
XYZ	23.2523, 25.3876, 27.3481
YIQ	136.9670, -4.4010, -2.8410

Conversions

Conversions Part 2

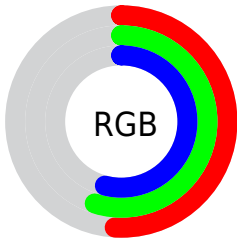
Format	Color
R_{YB}	131, 136, 140
Decimal	8621193
CIE Lab	57.45, -3.89, 0.45
CIE LCh	57, 3.913, 173.372
Yxy	25.3876, 0.3060, 0.3341
Android (android.graphics.Color)	4286811273 (0xFF838C89)
YUV	136.9670, 0.0163, -5.2331
Hunter-Lab	50.3861, -5.8010, 3.0894

Details

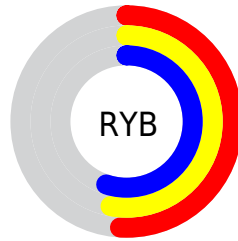
The Yxy color $25.3876, 0.3060, 0.3341$ is a dark color, and the websafe version is hex 999999 . A complement of this color would be $23.5243, 0.3199, 0.3240$, and the grayscale version is $25.0042, 0.3127, 0.3290$.

A 20% lighter version of the original color is $52.4916, 0.3077, 0.3340$, and $9.7943, 0.3044, 0.3367$ is the 20% darker color. If you saturate the color by 10%, you get $24.2152, 0.2958, 0.3427$, and if you desaturate by 10%, it is $26.7190, 0.3165, 0.3263$.

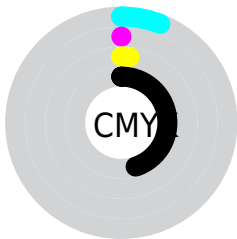
Distribution



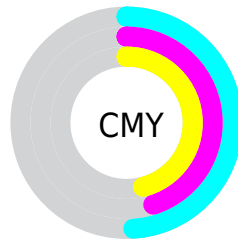
- Red (51%)
- Green (55%)
- Blue (54%)



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



- Cyan (6%)
- Magenta (0%)
- Yellow (2%)
- Black (45%)



- Cyan (49%)
- Magenta (45%)
- Yellow (46%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 25.3876, 0.3060, 0.3341 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 25.3876, 0.3060, 0.3341 by changing the saturation by 10% instead.

■ 25.3876, 0.3060,
0.3341

■ 25.3876, 0.3060,
0.3341

279.7628, 0.3097,
0.3313

■ 16.3661, 0.3049,
0.3349

■ 52.2853, 0.3074,
0.3330

■ 9.7836, 0.3035,
0.3360

■ 70.9303, 0.3080,
0.3326

■ 5.2557, 0.3013,
0.3376

■ 93.5519, 0.3084,
0.3323

■ 2.3981, 0.2979,
0.3402

120.5345, 0.3087,
0.3320

■ 0.8249, 0.2895,
0.3465

152.2625, 0.3090,
0.3318

■ 0.0000, 0.0000,
0.0000

189.1203, 0.3093,

0.3316

231.4922, 0.3095,
0.3314

■ 25.3876, 0.3060,
0.3341

■ 25.3876, 0.3060,
0.3341

■ 24.2152, 0.2958,
0.3427

■ 26.7190, 0.3165,
0.3263

■ 23.1924, 0.2862,
0.3521

■ 28.2118, 0.3270,
0.3194

■ 22.3138, 0.2774,
0.3624

■ 29.8726, 0.3375,
0.3132

■ 21.5724, 0.2696,
0.3734

■ 31.7066, 0.3478,
0.3077

■ 20.9607, 0.2632,
0.3849

■ 33.7188, 0.3578,
0.3029

■ 20.4704, 0.2583,
0.3970

■ 35.9139, 0.3675,
0.2987

■ 20.0920, 0.2553,
0.4093

■ 38.2964, 0.3768,
0.2951

■ 19.8150, 0.2542,
0.4217

■ 40.8710, 0.3856,
0.2919

■ 19.6217, 0.2548,
0.4339

■ 43.2626, 0.3922,
0.2889

Harmonies

Analogous

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



25.3876, 0.3125, 0.3387



25.3876, 0.3060, 0.3341



25.3876, 0.3014, 0.3281

Triad

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



25.3876, 0.3060, 0.3341



25.3876, 0.3063, 0.3176



25.3876, 0.3259, 0.3354

Complementary

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



25.3876, 0.3060, 0.3341



23.5243, 0.3199, 0.3240

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.



25.3876, 0.3242, 0.3298



25.3876, 0.3060, 0.3341



25.3876, 0.3129, 0.3196

Square

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



25.3876, 0.3060, 0.3341



25.3876, 0.3015, 0.3186



25.3876, 0.3194, 0.3240



25.3876, 0.3240, 0.3394

Rectangle

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



25.3876, 0.3060, 0.3341



25.3876, 0.2999, 0.3242



25.3876, 0.3194, 0.3240



25.3876, 0.3257, 0.3336

Sweetspot

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



25.3887, 0.3060, 0.3341



45.7549, 0.3106, 0.3306



25.4639, 0.3153, 0.3445



10.5502, 0.3107, 0.3305



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.



25.3887, 0.3060, 0.3341



44.3810, 0.3042, 0.3355



25.0391, 0.3031, 0.3264



5.6609, 0.3032, 0.3363



17.3817, 0.2549, 0.4377



0.1182, 0.2396, 0.3824

Inverse Universe

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



23.5243, 0.3199, 0.3240



40.2626, 0.3220, 0.3226



23.8490, 0.3230, 0.3316



5.0741, 0.3232, 0.3218



5.1352, 0.5580, 0.2848



0.0366, 0.4528, 0.2268

Previews

White Background



This preview shows how the Yxy color 25.3876, 0.3060, 0.3341 looks on a white background.

Color Contrast Check

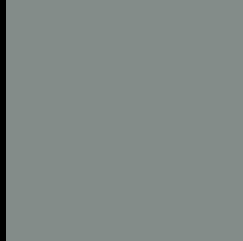
Large Text (above 18pt) WCAG AA ✓ Pass

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 25.3876, 0.3060, 0.3341 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

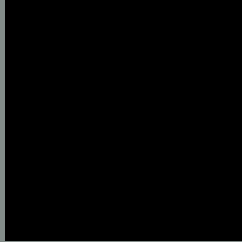
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

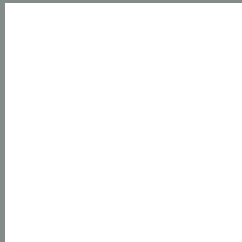
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 25.3876, 0.3060, 0.3341

Background



This preview shows how black text looks on a background with the Yxy color 25.3876, 0.3060, 0.3341.



This preview shows how white text looks on a background with the Yxy color 25.3876, 0.3060, 0.3341.

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

25.3876, 0.3060, 0.3341

Protanopia

25.3033, 0.3192, 0.3324

Deuteranopia

25.1893, 0.3280, 0.3210



Tritanopia

25.3334, 0.2965, 0.3106

Trichromacy



Original Color

25.3876, 0.3060, 0.3341

Protanomaly

25.2729, 0.3137, 0.3324

Deuteranomaly

25.3726, 0.3196, 0.3257

Tritanomaly

25.4151, 0.2993, 0.3188

Monochromacy



Original Color

25.3876, 0.3060, 0.3341

Achromatopsia

25.0158, 0.3127, 0.3290

Achromatomaly

25.1340, 0.3105, 0.3307

CSS Examples

Text

The CSS property to change the color of the text to Yxy 25.3876, 0.3060, 0.3341 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(131, 140, 137)` looks like.

```
.text, #text, p{  
    color:rgb(131, 140, 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(131, 140, 137) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(131, 140, 137) }
```

Border

The CSS property to change the border of an element to Yxy 25.3876, 0.3060, 0.3341 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(131, 140, 137) }
```

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

```
.border{ border-color:rgb(131, 140, 137) }
```

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

Here you see how a box with a 4 pixel `rgb(131, 140, 137)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(131, 140, 137); -webkit-box-shadow:4px 4px 4px 4px rgb(131, 140, 137); box-shadow:4px 4px 4px 4px rgb(131, 140, 137) }
```


Background

The CSS property to change the background color of an element to Yxy 25.3876, 0.3060, 0.3341 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(131, 140, 137) }
```

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

```
.background{ background-color: rgb(131,  
140, 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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor