

Converting Colors

$Y_{xy}(25.4036, 0.3113, 0.3422)$

Have a look what the booklet for
Yxy(25.4036, 0.3113, 0.3422)
contains.

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Color

Yxy(25.3552, 0.3111, 0.3410)

Conversions

Conversions Part 1

Format	Color
Hex	848C85
RGB	132, 140, 133
RGB Percent	52%, 55%, 52%
CMY	0.4822, 0.4510, 0.4784
CMYK	0.06, 0.00, 0.05, 0.45
HSL	127°, 3%, 53%
HSV	127°, 6%, 55%
XYZ	23.1320, 25.3552, 25.8683
YIQ	136.8100, -2.5210, -3.8730

Conversions

Conversions Part 2

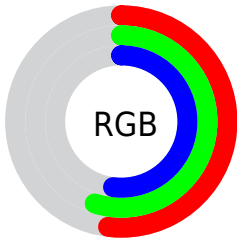
Format	Color
R_{YB}	132, 139, 140
Decimal	8686725
CIE Lab	57.42, -4.29, 2.72
CIE LCh	57, 5.080, 147.675
Yxy	25.3552, 0.3111, 0.3410
Android (android.graphics.Color)	4286876805 (0xFF848C85)
YUV	136.8100, -1.8783, -4.2184
Hunter-Lab	50.3539, -6.1187, 4.7888

Details

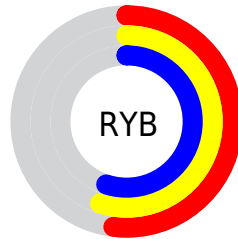
The Yxy color $25.3552, 0.3111, 0.3410$ is a dark color, and the websafe version is hex 999999 . A complement of this color would be $23.9517, 0.3144, 0.3173$, and the grayscale version is $24.9514, 0.3127, 0.3290$.

A 20% lighter version of the original color is $52.4430, 0.3114, 0.3391$, and $9.7914, 0.3104, 0.3444$ is the 20% darker color. If you saturate the color by 10%, you get $23.9820, 0.3082, 0.3643$, and if you desaturate by 10%, it is $26.9218, 0.3139, 0.3205$.

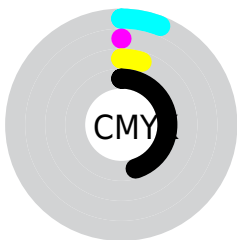
Distribution



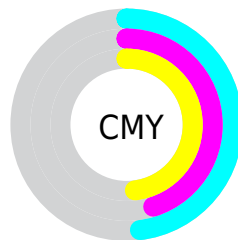
- Red (52%)
- Green (55%)
- Blue (52%)



- Red (52%)
- Yellow (55%)
- Blue (55%)



- Cyan (6%)
- Magenta (0%)
- Yellow (5%)
- Black (45%)





- Cyan (48%)
- Magenta (45%)
- Yellow (48%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 25.3552, 0.3111, 0.3410 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 25.3552, 0.3111, 0.3410 by changing the saturation by 10% instead.


 25.3552, 0.3111,
0.3410


 25.3552, 0.3111,
0.3410


279.6023, 0.3120,
0.3344


 16.3419, 0.3108,
0.3429


 52.2329, 0.3115,
0.3384

 9.7664, 0.3104,
0.3456


 70.8660, 0.3116,
0.3375

 5.2444, 0.3099,
0.3495

 93.4746, 0.3117,
0.3367

 2.3913, 0.3089,
0.3559

120.4430, 0.3118,
0.3361

 0.8214, 0.3070,
0.3731

152.1555, 0.3119,
0.3356

 0.0000, 0.0000,
0.0000

188.9966, 0.3119,

0.3351

231.3508, 0.3120,
0.3347

■ 25.3552, 0.3111,
0.3410

■ 25.3552, 0.3111,
0.3410

■ 23.9820, 0.3082,
0.3643

■ 26.9218, 0.3139,
0.3205

■ 22.7915, 0.3052,
0.3904

■ 28.6855, 0.3166,
0.3025

■ 21.7770, 0.3024,
0.4190

■ 30.6540, 0.3191,
0.2870

■ 20.9302, 0.2998,
0.4496

■ 32.8334, 0.3214,
0.2735

■ 20.2420, 0.2976,
0.4811

■ 35.2300, 0.3235,
0.2618

■ 19.7023, 0.2961,
0.5120

■ 37.8495, 0.3254,
0.2517

■ 19.3002, 0.2955,
0.5405

■ 40.6973, 0.3272,
0.2430

■ 19.0230, 0.2957,
0.5644

■ 43.7790, 0.3288,
0.2354

■ 18.8528, 0.2966,
0.5824

■ 46.5205, 0.3277,
0.2279

Harmonies

Analogous

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



25.3552, 0.3198, 0.3441



25.3552, 0.3111, 0.3410



25.3552, 0.3029, 0.3346

Triad

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



25.3552, 0.3111, 0.3410



25.3552, 0.2989, 0.3151



25.3552, 0.3283, 0.3311

Complementary

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



25.3552, 0.3111, 0.3410



23.9517, 0.3144, 0.3173

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.



25.3552, 0.3225, 0.3235



25.3552, 0.3111, 0.3410



25.3552, 0.3055, 0.3144

Square

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



25.3552, 0.3111, 0.3410



25.3552, 0.2960, 0.3195



25.3552, 0.3142, 0.3174



25.3552, 0.3298, 0.3382

Rectangle

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



25.3552, 0.3111, 0.3410



25.3552, 0.2989, 0.3293



25.3552, 0.3142, 0.3174



25.3552, 0.3268, 0.3285

Sweetspot

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



25.3563, 0.3111, 0.3410



45.6749, 0.3121, 0.3332



25.9156, 0.3198, 0.3424



10.5329, 0.3122, 0.3329



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.



25.3563, 0.3111, 0.3410



44.3338, 0.3107, 0.3442



25.4671, 0.3072, 0.3342



5.6762, 0.3106, 0.3446



16.7038, 0.2966, 0.5879



0.1121, 0.2835, 0.5406

Inverse Universe

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



23.9517, 0.3144, 0.3173



41.2492, 0.3148, 0.3142



23.8388, 0.3186, 0.3239



5.2723, 0.3149, 0.3139



6.2237, 0.3534, 0.1721



0.0427, 0.3357, 0.1623

Previews

White Background



This preview shows how the Yxy color 25.3552, 0.3111, 0.3410 looks on a white background.

Color Contrast Check

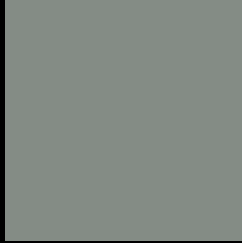
Large Text (above 18pt) WCAG AA ✓ Pass

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 25.3552, 0.3111, 0.3410 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

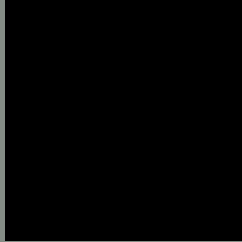
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

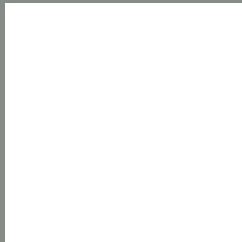
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 25.3552, 0.3111, 0.3410

Background



This preview shows how black text looks on a background with the Yxy color 25.3552, 0.3111, 0.3410.



This preview shows how white text looks on a background with the Yxy color 25.3552, 0.3111, 0.3410.

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

25.3552, 0.3111, 0.3410

Protanopia

25.2808, 0.3246, 0.3391

Deuteranopia

25.1717, 0.3335, 0.3274



Tritanopia

25.4978, 0.2986, 0.3107

Trichromacy



Original Color

25.3552, 0.3111, 0.3410

Protanomaly

25.2462, 0.3189, 0.3392

Deuteranomaly

25.3493, 0.3249, 0.3323

Tritanomaly

25.5167, 0.3034, 0.3222

Monochromacy



Original Color

25.3552, 0.3111, 0.3410

Achromatopsia

25.0158, 0.3127, 0.3290

Achromatomaly

25.1054, 0.3115, 0.3324

CSS Examples

Text

The CSS property to change the color of the text to Yxy 25.3552, 0.3111, 0.3410 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(132, 140, 133)` looks like.

```
.text, #text, p{  
    color:rgb(132, 140, 133)  
}
```

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(132, 140, 133) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(132, 140, 133) }
```

Border

The CSS property to change the border of an element to Yxy 25.3552, 0.3111, 0.3410 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(132, 140, 133) }
```

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

```
.border{ border-color:rgb(132, 140, 133) }
```

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

Here you see how a box with a 4 pixel `rgb(132, 140, 133)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(132, 140, 133); -webkit-box-shadow:4px 4px 4px 4px rgb(132, 140, 133); box-shadow:4px 4px 4px 4px rgb(132, 140, 133) }
```


Background

The CSS property to change the background color of an element to Yxy 25.3552, 0.3111, 0.3410 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(132, 140, 133) }
```

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

```
.background{ background-color: rgb(132,  
140, 133) }
```

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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