

Converting Colors

$Y_{xy}(25.0905, 0.3143, 0.3428)$

Have a look what the booklet for
Yxy(25.0905, 0.3143, 0.3428)
contains.

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Color

Yxy(25.0905, 0.3143, 0.3428)

Conversions

Conversions Part 1

Format	Color
Hex	858B83
RGB	133, 139, 131
RGB Percent	52%, 55%, 51%
CMY	0.4783, 0.4549, 0.4863
CMYK	0.04, 0.00, 0.06, 0.45
HSL	105°, 3%, 53%
HSV	105°, 6%, 55%
XYZ	23.0045, 25.0905, 25.0978
YIQ	136.2940, -1.0080, -3.7600

Conversions

Conversions Part 2

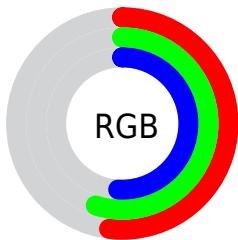
Format	Color
R_{YB}	131, 139, 137
Decimal	8752003
CIE Lab	57.16, -3.76, 3.52
CIE LCh	57, 5.149, 136.932
Yxy	25.0905, 0.3143, 0.3428
Android (android.graphics.Color)	4286942083 (0xFF858B83)
YUV	136.2940, -2.6099, -2.8888
Hunter-Lab	50.0904, -5.6804, 5.3560

Details

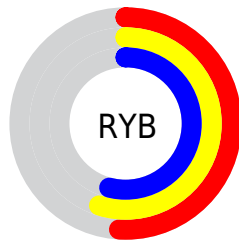
The Yxy color $25.0905, 0.3143, 0.3428$ is a dark color, and the websafe version is hex 999999 . A complement of this color would be $23.4075, 0.3110, 0.3154$, and the grayscale version is $24.7484, 0.3127, 0.3290$.

A 20% lighter version of the original color is $51.5991, 0.3139, 0.3392$, and $9.6388, 0.3151, 0.3471$ is the 20% darker color. If you saturate the color by 10%, you get $23.9375, 0.3169, 0.3688$, and if you desaturate by 10%, it is $26.3794, 0.3115, 0.3194$.

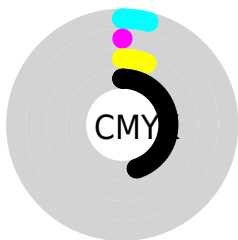
Distribution



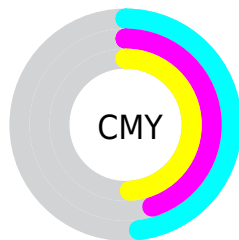
- Red (52%)
- Green (55%)
- Blue (51%)



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



- Cyan (4%)
- Magenta (0%)
- Yellow (6%)
- Black (45%)




- Cyan (48%)
- Magenta (45%)
- Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 25.0905, 0.3143, 0.3428 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 25.0905, 0.3143, 0.3428 by changing the saturation by 10% instead.


 25.0905, 0.3143,
0.3428


 25.0905, 0.3143,
0.3428


278.2883, 0.3135,
0.3351


 16.1445, 0.3145,
0.3450


 51.8040, 0.3140,
0.3398

 9.6265, 0.3148,
0.3481


 70.3403, 0.3139,
0.3387

 5.1520, 0.3153,
0.3527

 92.8421, 0.3138,
0.3379

 2.3367, 0.3159,
0.3600

119.6939, 0.3137,
0.3371

 0.7930, 0.3194,
0.3826

151.2800, 0.3136,
0.3365

 0.0000, 0.0000,
0.0000

187.9849, 0.3136,

0.3360

230.1928, 0.3135,
0.3355

■ 25.0905, 0.3143,
0.3428

■ 25.0905, 0.3143,
0.3428

■ 23.9375, 0.3169,
0.3688

■ 26.3794, 0.3115,
0.3194

■ 22.9127, 0.3193,
0.3974

■ 27.8051, 0.3088,
0.2986

■ 22.0126, 0.3213,
0.4280

■ 29.3727, 0.3061,
0.2803

■ 21.2323, 0.3225,
0.4600

■ 31.0861, 0.3034,
0.2641

■ 20.5665, 0.3229,
0.4919

■ 32.9489, 0.3010,
0.2499

■ 20.0095, 0.3222,
0.5222

■ 34.9647, 0.2986,
0.2375

■ 19.5552, 0.3203,
0.5488

■ 37.1368, 0.2964,
0.2265

■ 19.1965, 0.3172,
0.5701

■ 39.4687, 0.2944,
0.2169

■ 18.9246, 0.3133,
0.5851

■ 41.8936, 0.2933,
0.2092

Harmonies

Analogous

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



25.0905, 0.3227, 0.3445



25.0905, 0.3143, 0.3428



25.0905, 0.3055, 0.3373

Triad

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



25.0905, 0.3143, 0.3428



25.0905, 0.2971, 0.3161



25.0905, 0.3269, 0.3283

Complementary

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



25.0905, 0.3143, 0.3428



23.4075, 0.3110, 0.3154

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.



25.0905, 0.3198, 0.3209



25.0905, 0.3143, 0.3428



25.0905, 0.3026, 0.3139

Square

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



25.0905, 0.3143, 0.3428



25.0905, 0.2957, 0.3217



25.0905, 0.3110, 0.3157



25.0905, 0.3301, 0.3359

Rectangle

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



25.0905, 0.3143, 0.3428



25.0905, 0.3007, 0.3322



25.0905, 0.3110, 0.3157



25.0905, 0.3249, 0.3257

Sweetspot

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



25.0916, 0.3143, 0.3428



45.7662, 0.3133, 0.3338



24.9789, 0.3212, 0.3390



10.5526, 0.3132, 0.3335



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.



25.0916, 0.3143, 0.3428



44.6354, 0.3147, 0.3463



24.9781, 0.3102, 0.3396



5.7157, 0.3147, 0.3467



17.0022, 0.3120, 0.5904



0.1191, 0.3412, 0.5673

Inverse Universe

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



23.4075, 0.3110, 0.3154



40.9265, 0.3106, 0.3120



23.5274, 0.3153, 0.3186



5.2300, 0.3105, 0.3116



4.3245, 0.2589, 0.1200



0.0357, 0.2898, 0.1370

Previews

White Background



This preview shows how the Yxy color 25.0905, 0.3143, 0.3428 looks on a white background.

Color Contrast Check

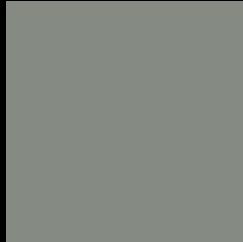
Large Text (above 18pt) WCAG AA ✓ Pass

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 25.0905, 0.3143, 0.3428 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

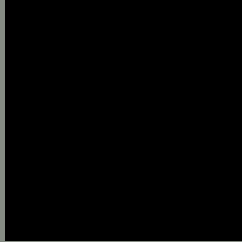
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

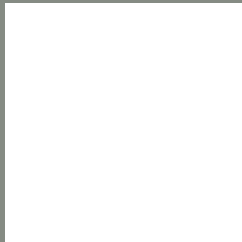
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 25.0905, 0.3143, 0.3428

Background



This preview shows how black text looks on a background with the Yxy color 25.0905, 0.3143, 0.3428.



This preview shows how white text looks on a background with the Yxy color 25.0905, 0.3143, 0.3428.

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

25.0905, 0.3143, 0.3428

Protanopia

25.1657, 0.3245, 0.3408

Deuteranopia

25.1164, 0.3358, 0.3307



Tritanopia

25.2321, 0.3016, 0.3123

Trichromacy



Original Color

25.0905, 0.3143, 0.3428

Protanomaly

25.1919, 0.3209, 0.3426

Deuteranomaly

25.0136, 0.3272, 0.3340

Tritanomaly

25.2509, 0.3064, 0.3239

Monochromacy



Original Color

25.0905, 0.3143, 0.3428

Achromatopsia

24.6201, 0.3127, 0.3290

Achromatomaly

24.7634, 0.3136, 0.3341

CSS Examples

Text

The CSS property to change the color of the text to Yxy 25.0905, 0.3143, 0.3428 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(133, 139, 131)` looks like.

```
.text, #text, p{  
    color:rgb(133, 139, 131)  
}
```

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(133, 139, 131) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(133, 139, 131) }
```

Border

The CSS property to change the border of an element to Yxy 25.0905, 0.3143, 0.3428 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(133, 139, 131) }
```

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

```
.border{ border-color:rgb(133, 139, 131) }
```

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

Here you see how a box with a 4 pixel `rgb(133, 139, 131)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(133, 139, 131); -webkit-box-  
shadow:4px 4px 4px 4px rgb(133, 139, 131);  
box-shadow:4px 4px 4px 4px rgb(133, 139,  
131) }
```


Background

The CSS property to change the background color of an element to Yxy 25.0905, 0.3143, 0.3428 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(133, 139, 131) }
```

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

```
.background{ background-color: rgb(133,  
139, 131) }
```

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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