

Converting Colors

$Y_{xy}(25.4603, 0.3200, 0.3146)$

Have a look what the booklet for
Yxy(25.4603, 0.3200, 0.3146)
contains.

Yxy(25.4229, 0.3201, 0.3145)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(25.4229, 0.3201, 0.3145)

Conversions

Conversions Part 1

Format	Color
Hex	95868F
RGB	149, 134, 143
RGB Percent	58%, 53%, 56%
CMY	0.4158, 0.4745, 0.4391
CMYK	0.00, 0.10, 0.04, 0.42
HSL	324°, 7%, 55%
HSV	324°, 10%, 58%
XYZ	25.8756, 25.4229, 29.5374
YIQ	139.5110, 6.0510, 5.9790

Conversions

Conversions Part 2

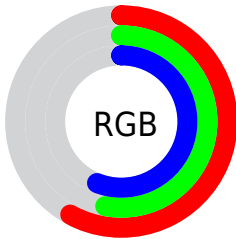
Format	Color
R_{YB}	149, 134, 143
Decimal	9799311
CIE _{Lab}	57.49, 7.31, -2.77
CIE _{LCh}	57, 7.818, 339.240
Yxy	25.4229, 0.3201, 0.3145
Android (android.graphics.Color)	4287989391 (0xFF95868F)
YUV	139.5110, 1.7201, 8.3219
Hunter-Lab	50.4211, 3.3673, 0.5618

Details

The Yxy color $25.4229, 0.3201, 0.3145$ is a dark color, and the websafe version is hex 999999 . A complement of this color would be $28.4497, 0.3060, 0.3440$, and the grayscale version is $26.0176, 0.3127, 0.3290$.

A 20% lighter version of the original color is $52.2684, 0.3183, 0.3170$, and $9.7276, 0.3222, 0.3078$ is the 20% darker color. If you saturate the color by 10%, you get $21.4164, 0.3288, 0.2994$, and if you desaturate by 10%, it is $30.0213, 0.3127, 0.3289$.

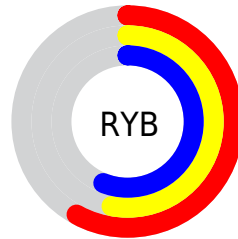
Distribution



Red (58%)

Green (53%)

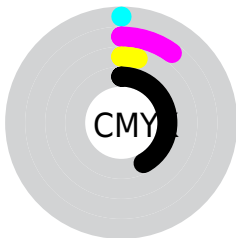
Blue (56%)



Red (58%)

Yellow (53%)

Blue (56%)

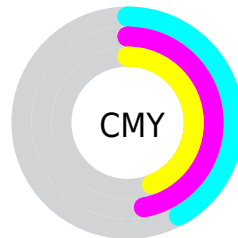


Cyan (0%)

Magenta (10%)

Yellow (4%)

Black (42%)



Cyan (42%)


Magenta (47%)


Yellow (44%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 25.4229, 0.3201, 0.3145 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 25.4229, 0.3201, 0.3145 by changing the saturation by 10% instead.


 25.4229, 0.3201,
0.3145


 25.4229, 0.3201,
0.3145


279.9375, 0.3161,
0.3224


 16.3924, 0.3212,
0.3123


 52.3425, 0.3185,
0.3176

 9.8023, 0.3228,
0.3092


 71.0003, 0.3180,
0.3186

 5.2680, 0.3250,
0.3049

 93.6361, 0.3175,
0.3195

 2.4054, 0.3285,
0.2980

120.6342, 0.3172,
0.3203

 0.8287, 0.3349,
0.2854

152.3790, 0.3168,
0.3209


 0.0000, 0.0000,
0.0000


189.2549, 0.3165,


0.3215

231.6462, 0.3163,
0.3220


 25.4229, 0.3201,
0.3145


 25.4229, 0.3201,
0.3145


 21.4164, 0.3288,
0.2994


 30.0213, 0.3127,
0.3289

 17.9742, 0.3391,
0.2839


 35.2312, 0.3066,
0.3425


 15.0715, 0.3511,
0.2685

 41.0752, 0.3015,
0.3551

 12.6802, 0.3648,
0.2540

 47.5740, 0.2972,
0.3668

 10.7698, 0.3802,
0.2411

 54.7471, 0.2936,
0.3775

■ 9.3064, 0.3970,
0.2310

■ 62.6134, 0.2906,
0.3874

■ 8.2518, 0.4147,
0.2248

■ 71.1910, 0.2882,
0.3964

■ 7.5611, 0.4326,
0.2233

■ 80.4973, 0.2861,
0.4046

■ 7.1202, 0.4505,
0.2256

■ 81.9109, 0.2833,
0.3990

Harmonies

Analogous

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



25.4229, 0.3065, 0.3079



25.4229, 0.3201, 0.3145



25.4229, 0.3319, 0.3248

Triad

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



25.4229, 0.3201, 0.3145



25.4229, 0.3306, 0.3520



25.4229, 0.2877, 0.3207

Complementary

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



25.4229, 0.3201, 0.3145



28.4497, 0.3060, 0.3440

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.



25.4229, 0.2938, 0.3329



25.4229, 0.3201, 0.3145



25.4229, 0.3185, 0.3513

Square

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



25.4229, 0.3201, 0.3145



25.4229, 0.3380, 0.3464



25.4229, 0.3050, 0.3442



25.4229, 0.2880, 0.3111

Rectangle

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



25.4229, 0.3201, 0.3145



25.4229, 0.3370, 0.3326



25.4229, 0.3050, 0.3442



25.4229, 0.2890, 0.3246

Sweetspot

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



25.4240, 0.3201, 0.3145



51.1864, 0.3148, 0.3247



24.7755, 0.3037, 0.3044



11.2015, 0.3154, 0.3236



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.



25.4240, 0.3201, 0.3145



43.8802, 0.3219, 0.3112



25.2109, 0.3279, 0.3262



5.8705, 0.3194, 0.3158



6.0005, 0.4494, 0.2249



0.0793, 0.3807, 0.1871

Inverse Universe

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



25.4240, 0.3201, 0.3145



43.8802, 0.3219, 0.3112



28.6711, 0.2993, 0.3318



5.8705, 0.3194, 0.3158



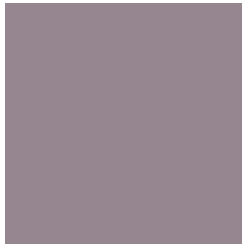
6.0005, 0.4494, 0.2249



0.0793, 0.3807, 0.1871

Previews

White Background



This preview shows how the Yxy color 25.4229, 0.3201, 0.3145 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 25.4229, 0.3201, 0.3145 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

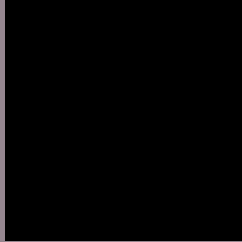
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 25.4229, 0.3201, 0.3145

Background



This preview shows how black text looks on a background with the Yxy color 25.4229, 0.3201, 0.3145.



This preview shows how white text looks on a background with the Yxy color 25.4229, 0.3201, 0.3145.

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

25.4229, 0.3201, 0.3145

Protanopia

25.4246, 0.3068, 0.3157

Deuteranopia

25.4229, 0.3201, 0.3145



Tritanopia

25.4534, 0.3191, 0.3129

Trichromacy



Original Color

25.4229, 0.3201, 0.3145

Protanomaly

25.4616, 0.3122, 0.3159

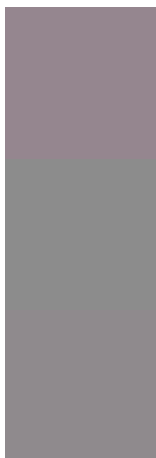
Deuteranomaly

25.4229, 0.3201, 0.3145

Tritanomaly

25.4534, 0.3191, 0.3129

Monochromacy



Original Color

25.4229, 0.3201, 0.3145

Achromatopsia

26.2251, 0.3127, 0.3290

Achromatomaly

25.9397, 0.3151, 0.3241

CSS Examples

Text

The CSS property to change the color of the text to Yxy 25.4229, 0.3201, 0.3145 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(149, 134, 143)` looks like.

```
.text, #text, p{  
    color:rgb(149, 134, 143)  
}
```

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(149, 134, 143) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(149, 134, 143) }
```

Border

The CSS property to change the border of an element to Yxy 25.4229, 0.3201, 0.3145 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(149, 134, 143) }
```

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

```
.border{ border-color:rgb(149, 134, 143) }
```

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

Here you see how a box with a 4 pixel `rgb(149, 134, 143)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(149, 134, 143); -webkit-box-  
shadow:4px 4px 4px 4px rgb(149, 134, 143);  
box-shadow:4px 4px 4px 4px rgb(149, 134,  
143) }
```


Background

The CSS property to change the background color of an element to Yxy 25.4229, 0.3201, 0.3145 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(149, 134, 143) }
```

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

```
.background{ background-color: rgb(149,  
134, 143) }
```

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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