

Converting Colors

$Y_{xy}(25.9451, 0.3133, 0.3222)$

Have a look what the booklet for
Yxy(25.9451, 0.3133, 0.3222)
contains.

Yxy(25.8807, 0.3130, 0.3224)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(25.8807, 0.3130, 0.3224)

Conversions

Conversions Part 1

Format	Color
Hex	8E8A8E
RGB	142, 138, 142
RGB Percent	56%, 54%, 56%
CMY	0.4432, 0.4588, 0.4431
CMYK	0.00, 0.03, 0.00, 0.44
HSL	300°, 2%, 55%
HSV	300°, 3%, 56%
XYZ	25.1261, 25.8807, 29.2683
YIQ	139.6520, 1.1000, 2.0920

Conversions

Conversions Part 2

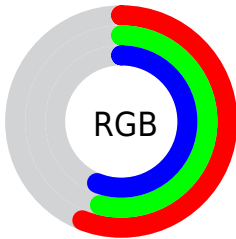
Format	Color
R_{YB}	142, 138, 142
Decimal	9341582
CIE Lab	57.92, 2.26, -1.62
CIE LCh	58, 2.781, 324.364
Yxy	25.8807, 0.3130, 0.3224
Android (android.graphics.Color)	4287531662 (0xFF8E8A8E)
YUV	139.6520, 1.1576, 2.0592
Hunter-Lab	50.8731, -0.8671, 1.5004

Details

The Yxy color $25.8807, 0.3130, 0.3224$ is a dark color, and the websafe version is hex 999999 . A complement of this color would be $26.5915, 0.3124, 0.3357$, and the grayscale version is $26.0791, 0.3127, 0.3290$.

A 20% lighter version of the original color is $52.9829, 0.3130, 0.3229$, and $10.0275, 0.3132, 0.3193$ is the 20% darker color. If you saturate the color by 10%, you get $22.0622, 0.3140, 0.2985$, and if you desaturate by 10%, it is $30.2344, 0.3120, 0.3454$.

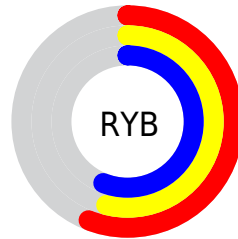
Distribution



Red (56%)

Green (54%)

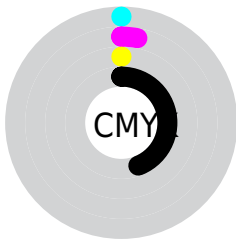
Blue (56%)



Red (56%)

Yellow (54%)

Blue (56%)

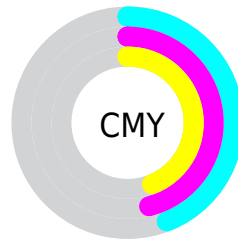


Cyan (0%)

Magenta (3%)

Yellow (0%)

Black (44%)



Cyan (44%)


Magenta (46%)


Yellow (44%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 25.8807, 0.3130, 0.3224 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 25.8807, 0.3130, 0.3224 by changing the saturation by 10% instead.


 25.8807, 0.3130,
0.3224


 25.8807, 0.3130,
0.3224


282.1960, 0.3129,
0.3260

 16.7344, 0.3130,
0.3214


 53.0824, 0.3129,
0.3238

 10.0453, 0.3131,
0.3200

 71.9066, 0.3129,
0.3243

 5.4290, 0.3132,
0.3179

 94.7256, 0.3129,
0.3247

 2.5011, 0.3133,
0.3148

121.9238, 0.3129,
0.3251

 0.8772, 0.3134,
0.3090


153.8855, 0.3129,
0.3254


 0.0000, 0.0000,
0.0000


190.9952, 0.3129,


0.3256

233.6372, 0.3129,
0.3258


 25.8807, 0.3130,
0.3224


 25.8807, 0.3130,
0.3224


 22.0622, 0.3140,
0.2985


 30.2344, 0.3120,
0.3454


 18.7549, 0.3150,
0.2743

 35.1392, 0.3111,
0.3671

 15.9382, 0.3160,
0.2503

 40.6147, 0.3102,
0.3873

 13.5886, 0.3170,
0.2274

 46.6785, 0.3093,
0.4060

 11.6808, 0.3178,
0.2065

 53.3475, 0.3086,
0.4230

■ 10.1871, 0.3185,
0.1884

■ 60.6376, 0.3079,
0.4386

■ 9.0767, 0.3190,
0.1739

■ 68.5645, 0.3072,
0.4526

■ 8.3145, 0.3193,
0.1633

■ 77.1432, 0.3067,
0.4653

■ 7.8588, 0.3195,
0.1567

■ 79.2900, 0.3066,
0.4681

Harmonies

Analogous

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



25.8807, 0.3084, 0.3209



25.8807, 0.3130, 0.3224



25.8807, 0.3176, 0.3256

Triad

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



25.8807, 0.3130, 0.3224



25.8807, 0.3206, 0.3364



25.8807, 0.3046, 0.3282

Complementary

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



25.8807, 0.3130, 0.3224



26.5915, 0.3124, 0.3357

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.



25.8807, 0.3078, 0.3325



25.8807, 0.3130, 0.3224



25.8807, 0.3171, 0.3372

Square

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



25.8807, 0.3130, 0.3224



25.8807, 0.3220, 0.3337



25.8807, 0.3124, 0.3358



25.8807, 0.3035, 0.3243

Rectangle

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



25.8807, 0.3130, 0.3224



25.8807, 0.3200, 0.3283



25.8807, 0.3124, 0.3358



25.8807, 0.3055, 0.3297

Sweetspot

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



25.8818, 0.3130, 0.3224



46.9429, 0.3128, 0.3266



25.5545, 0.3087, 0.3224



10.4960, 0.3128, 0.3268



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.



25.8818, 0.3130, 0.3224



45.4584, 0.3130, 0.3218



25.8261, 0.3150, 0.3256



6.0146, 0.3131, 0.3204



6.8514, 0.3195, 0.1534



0.0658, 0.3203, 0.1538

Inverse Universe

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



25.7662, 0.3171, 0.3290



45.2378, 0.3175, 0.3290



26.6462, 0.3105, 0.3324



5.9794, 0.3185, 0.3290



5.1651, 0.6392, 0.3295



0.0495, 0.6348, 0.3271

Previews

White Background



This preview shows how the Yxy color 25.8807, 0.3130, 0.3224 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 25.8807, 0.3130, 0.3224 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

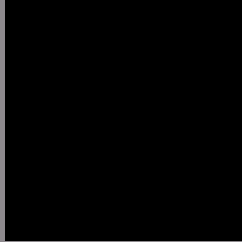
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

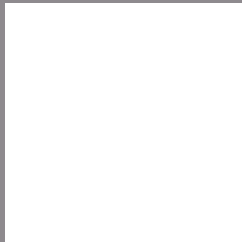
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 25.8807, 0.3130, 0.3224

Background



This preview shows how black text looks on a background with the Yxy color 25.8807, 0.3130, 0.3224.



This preview shows how white text looks on a background with the Yxy color 25.8807, 0.3130, 0.3224.

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

25.8807, 0.3130, 0.3224

Protanopia

25.7927, 0.3119, 0.3224

Deuteranopia

25.8904, 0.3223, 0.3162



Tritanopia

25.8691, 0.3081, 0.3111

Trichromacy



Original Color

25.8807, 0.3130, 0.3224

Protanomaly

25.7927, 0.3119, 0.3224

Deuteranomaly

25.8874, 0.3188, 0.3177

Tritanomaly

25.8063, 0.3101, 0.3143

Monochromacy



Original Color

25.8807, 0.3130, 0.3224

Achromatopsia

26.2251, 0.3127, 0.3290

Achromatomaly

26.0510, 0.3129, 0.3257

CSS Examples

Text

The CSS property to change the color of the text to Yxy 25.8807, 0.3130, 0.3224 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(142, 138, 142)` looks like.

```
.text, #text, p{  
    color:rgb(142, 138, 142)  
}
```

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(142, 138, 142) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(142, 138, 142) }
```

Border

The CSS property to change the border of an element to Yxy 25.8807, 0.3130, 0.3224 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(142, 138, 142) }
```

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

```
.border{ border-color:rgb(142, 138, 142) }
```

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

Here you see how a box with a 4 pixel `rgb(142, 138, 142)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(142, 138, 142); -webkit-box-  
shadow:4px 4px 4px 4px rgb(142, 138, 142);  
box-shadow:4px 4px 4px 4px rgb(142, 138,  
142) }
```


Background

The CSS property to change the background color of an element to Yxy 25.8807, 0.3130, 0.3224 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(142, 138, 142) }
```

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

```
.background{ background-color: rgb(142,  
138, 142) }
```

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