

Converting Colors

$Y_{xy}(25.8320, 0.3429, 0.3875)$

Have a look what the booklet for
Yxy(25.8320, 0.3429, 0.3875)
contains.

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Color

Yxy(25.8320, 0.3429, 0.3875)

Conversions

Conversions Part 1

Format	Color
Hex	8A8E6C
RGB	138, 142, 108
RGB Percent	54%, 56%, 42%
CMY	0.4589, 0.4431, 0.5764
CMYK	0.03, 0.00, 0.24, 0.44
HSL	67°, 14%, 49%
HSV	67°, 24%, 56%
XYZ	22.8588, 25.8320, 17.9724
YIQ	136.9280, 8.5300, -11.4220

Conversions

Conversions Part 2

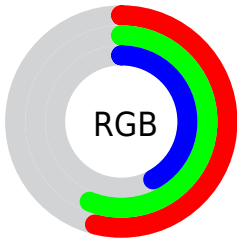
Format	Color
R_{YB}	108, 142, 112
Decimal	9080428
CIE _{Lab}	57.88, -7.50, 17.66
CIE _{LCh}	58, 19.190, 112.998
Yxy	25.8320, 0.3429, 0.3875
Android (android.graphics.Color)	4287270508 (0xFF8A8E6C)
YUV	136.9280, -14.2615, 0.9401
Hunter-Lab	50.8252, -8.6630, 14.6120

Details

The Yxy color $25.8320, 0.3429, 0.3875$ is a dark color, and the websafe version is hex 999966 . A complement of this color would be $16.1293, 0.2782, 0.2649$, and the grayscale version is $25.0398, 0.3127, 0.3290$.

A 20% lighter version of the original color is $53.2244, 0.3366, 0.3747$, and $10.0552, 0.3540, 0.4107$ is the 20% darker color. If you saturate the color by 10%, you get $25.4124, 0.3553, 0.4126$, and if you desaturate by 10%, it is $26.3054, 0.3302, 0.3625$.

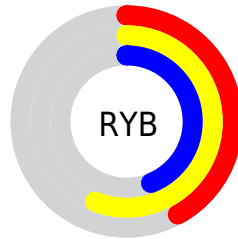
Distribution



Red (54%)

Green (56%)

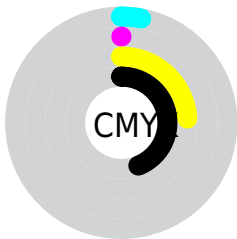
Blue (42%)



Red (42%)

Yellow (56%)

Blue (44%)

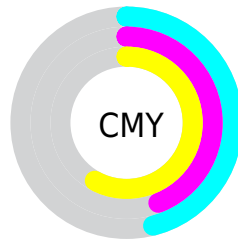


Cyan (3%)

Magenta (0%)

Yellow (24%)

Black (44%)



Cyan (46%)


Magenta (44%)

Yellow (58%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 25.8320, 0.3429, 0.3875 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 25.8320, 0.3429, 0.3875 by changing the saturation by 10% instead.


 25.8320, 0.3429,
0.3875


 25.8320, 0.3429,
0.3875


281.9564, 0.3267,
0.3549


 16.6980, 0.3473,
0.3969


 53.0038, 0.3368,
0.3748


 10.0194, 0.3531,
0.4099


 71.8104, 0.3345,
0.3702

 5.4118, 0.3610,
0.4288

 94.6100, 0.3327,
0.3665

 2.4909, 0.3721,
0.4586

 121.7869, 0.3311,
0.3635

 0.8721, 0.4255,
0.5745

153.7256, 0.3298,
0.3608

 0.0000, 0.0000,
0.0000

190.8105, 0.3286,

0.3586

233.4260, 0.3276,
0.3566

■ 25.8320, 0.3429,
0.3875

■ 25.8320, 0.3429,
0.3875

■ 25.4124, 0.3553,
0.4126

■ 26.3054, 0.3302,
0.3625

■ 25.0408, 0.3670,
0.4369

■ 26.8313, 0.3176,
0.3383

■ 24.7157, 0.3775,
0.4596

■ 27.4130, 0.3054,
0.3152

■ 24.4342, 0.3862,
0.4796

■ 28.0526, 0.2938,
0.2935

■ 24.1933, 0.3927,
0.4963

■ 28.7518, 0.2829,
0.2735

■ 23.9892, 0.3969,
0.5088

■ 29.5124, 0.2728,
0.2551

■ 23.8176, 0.3986,
0.5172

■ 30.3363, 0.2634,
0.2384

■ 23.7214, 0.3990,
0.5214

■ 31.2249, 0.2549,
0.2232

■ 32.1800, 0.2471,
0.2096

Harmonies

Analogous

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



25.8320, 0.3678, 0.3786



25.8320, 0.3429, 0.3875



25.8320, 0.3107, 0.3790

Triad

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



25.8320, 0.3429, 0.3875



25.8320, 0.2516, 0.2957



25.8320, 0.3448, 0.3048

Complementary

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



25.8320, 0.3429, 0.3875



16.1293, 0.2782, 0.2649

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.



25.8320, 0.3121, 0.2851



25.8320, 0.3429, 0.3875



25.8320, 0.2594, 0.2790

Square

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



25.8320, 0.3429, 0.3875



25.8320, 0.2589, 0.3233



25.8320, 0.2810, 0.2757



25.8320, 0.3694, 0.3306

Rectangle

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



25.8320, 0.3429, 0.3875



25.8320, 0.2896, 0.3641



25.8320, 0.2810, 0.2757



25.8320, 0.3343, 0.2973

Sweetspot

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



25.8331, 0.3429, 0.3875



47.0000, 0.3216, 0.3459



18.4187, 0.3588, 0.3362



10.4875, 0.3222, 0.3471



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.



25.8331, 0.3429, 0.3875



45.1170, 0.3500, 0.4017



24.5000, 0.3237, 0.3912



6.2534, 0.3242, 0.3509



21.3004, 0.3991, 0.5213



0.2096, 0.4097, 0.5129

Inverse Universe

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



16.1293, 0.2782, 0.2649



24.7946, 0.2685, 0.2475



17.3469, 0.2989, 0.2687



5.2837, 0.3007, 0.3064



1.8639, 0.1556, 0.0631



0.0226, 0.1793, 0.0761

Previews

White Background



This preview shows how the Yxy color 25.8320, 0.3429, 0.3875 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 25.8320, 0.3429, 0.3875 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

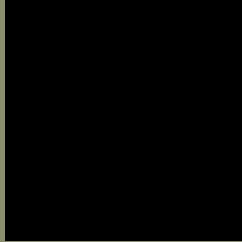
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

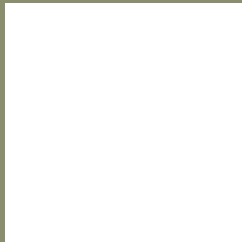
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 25.8320, 0.3429, 0.3875

Background



This preview shows how black text looks on a background with the Yxy color 25.8320, 0.3429, 0.3875.



This preview shows how white text looks on a background with the Yxy color 25.8320, 0.3429, 0.3875.

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

25.8320, 0.3429, 0.3875

Protanopia

25.8227, 0.3568, 0.3823

Deuteranopia

25.5822, 0.3729, 0.3655



Tritanopia

25.8691, 0.3081, 0.3111

Trichromacy



Original Color

25.8320, 0.3429, 0.3875

Protanomaly

25.7470, 0.3517, 0.3847

Deuteranomaly

25.4848, 0.3618, 0.3733

Tritanomaly

25.8214, 0.3211, 0.3391

Monochromacy



Original Color

25.8320, 0.3429, 0.3875

Achromatopsia

25.0158, 0.3127, 0.3290

Achromatomaly

25.2900, 0.3238, 0.3513

CSS Examples

Text

The CSS property to change the color of the text to Yxy 25.8320, 0.3429, 0.3875 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(138, 142, 108)` looks like.

```
.text, #text, p{  
    color:rgb(138, 142, 108)  
}
```

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(138, 142, 108) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(138, 142, 108) }
```

Border

The CSS property to change the border of an element to Yxy 25.8320, 0.3429, 0.3875 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(138, 142, 108) }
```

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

```
.border{ border-color:rgb(138, 142, 108) }
```

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

Here you see how a box with a 4 pixel `rgb(138, 142, 108)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(138, 142, 108); -webkit-box-  
shadow:4px 4px 4px 4px rgb(138, 142, 108);  
box-shadow:4px 4px 4px 4px rgb(138, 142,  
108) }
```


Background

The CSS property to change the background color of an element to Yxy 25.8320, 0.3429, 0.3875 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(138, 142, 108) }
```

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

```
.background{ background-color: rgb(138,  
142, 108) }
```

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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