

Converting Colors

$Y_{xy}(25.7677, 0.3852, 0.3875)$

Have a look what the booklet for
Yxy(25.7677, 0.3852, 0.3875)
contains.

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Color

Yxy(25.7869, 0.3842, 0.3875)

Conversions

Conversions Part 1

Format	Color
Hex	A18762
RGB	161, 135, 98
RGB Percent	63%, 53%, 38%
CMY	0.3686, 0.4706, 0.6156
CMYK	0.00, 0.16, 0.39, 0.37
HSL	35°, 25%, 51%
HSV	35°, 39%, 63%
XYZ	25.5673, 25.7869, 15.1926
YIQ	138.5560, 27.3730, -5.9950

Conversions

Conversions Part 2

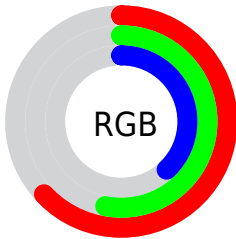
Format	Color
R_YB	142, 161, 98
Decimal	10585954
CIE _{Lab}	57.83, 4.51, 23.57
CIE _{LCh}	58, 23.995, 79.158
Yxy	25.7869, 0.3842, 0.3875
Android (android.graphics.Color)	4288776034 (0xFFA18762)
YUV	138.5560, -19.9941, 19.6834
Hunter-Lab	50.7808, 1.0054, 17.8081

Details

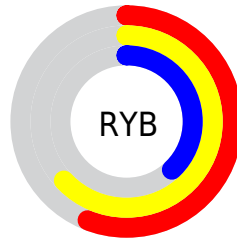
The Yxy color **25.7869, 0.3842, 0.3875** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **19.5933, 0.2498, 0.2620**, and the grayscale version is **25.7110, 0.3127, 0.3290**.

A 20% lighter version of the original color is **52.8881, 0.3695, 0.3756**, and **9.9242, 0.4098, 0.4055** is the 20% darker color. If you saturate the color by 10%, you get **23.7166, 0.4066, 0.4021**, and if you desaturate by 10%, it is **28.0366, 0.3633, 0.3722**.

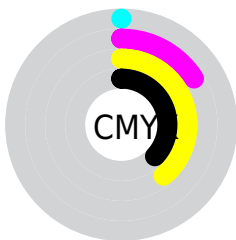
Distribution



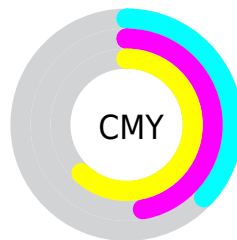
- Red (63%)
- Green (53%)
- Blue (38%)



- Red (56%)
- Yellow (63%)
- Blue (38%)



- Cyan (0%)
- Magenta (16%)
- Yellow (39%)
- Black (37%)





- Cyan (37%)
- Magenta (47%)
- Yellow (62%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 25.7869, 0.3842, 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 25.7869, 0.3842, 0.3875 by changing the saturation by 10% instead.


 25.7869, 0.3842,
0.3875


 25.7869, 0.3842,
0.3875


281.7344, 0.3451,
0.3562

 16.6643, 0.3950,
0.3958


 52.9310, 0.3692,
0.3757


 9.9954, 0.4095,
0.4066


 71.7212, 0.3638,
0.3714

 5.3959, 0.4296,
0.4210

 94.5028, 0.3593,
0.3678

 2.4814, 0.4641,
0.4457

 121.6601, 0.3556,
0.3648

 0.8673, 0.5196,
0.4804

153.5775, 0.3524,
0.3622

 0.0000, 0.0000,
0.0000

190.6394, 0.3496,

0.3599

233.2303, 0.3472,
0.3580

■ 25.7869, 0.3842,
0.3875

■ 25.7869, 0.3842,
0.3875

■ 23.7166, 0.4066,
0.4021

■ 28.0366, 0.3633,
0.3722

■ 21.8162, 0.4299,
0.4150

■ 30.4676, 0.3441,
0.3569

■ 20.0809, 0.4533,
0.4252

■ 33.0860, 0.3268,
0.3419

■ 18.5036, 0.4755,
0.4316

■ 35.8969, 0.3114,
0.3278

■ 17.0768, 0.4954,
0.4331

■ 38.9048, 0.2977,
0.3145

■ 15.7868, 0.5126,
0.4302

■ 42.1142, 0.2857,
0.3022

■ 15.6773, 0.5142,
0.4300

■ 45.5294, 0.2750,
0.2908

■ 49.1546, 0.2656,
0.2804

■ 52.9937, 0.2573,
0.2709

Harmonies

Analogous

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



25.7869, 0.3944, 0.3591



25.7869, 0.3842, 0.3875



25.7869, 0.3546, 0.4022

Triad

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



25.7869, 0.3842, 0.3875



25.7869, 0.2484, 0.3262



25.7869, 0.3062, 0.2728

Complementary

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



25.7869, 0.3842, 0.3875



19.5933, 0.2498, 0.2620

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.



25.7869, 0.2689, 0.2630



25.7869, 0.3842, 0.3875



25.7869, 0.2374, 0.2906

Square

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



25.7869, 0.3842, 0.3875



25.7869, 0.2762, 0.3661



25.7869, 0.2446, 0.2686



25.7869, 0.3478, 0.2953

Rectangle

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



25.7869, 0.3842, 0.3875



25.7869, 0.3286, 0.4002



25.7869, 0.2446, 0.2686



25.7869, 0.2928, 0.2679

Sweetspot

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



25.7881, 0.3842, 0.3875



57.7588, 0.3320, 0.3465



17.7801, 0.3671, 0.2873



12.5434, 0.3340, 0.3483



80.7346, 0.3127, 0.3290



13.9985, 0.3127, 0.3290

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



25.7881, 0.3842, 0.3875



42.9145, 0.4038, 0.4004



33.4143, 0.3643, 0.4255



7.7446, 0.3271, 0.3422



12.6031, 0.5132, 0.4307



0.3548, 0.4714, 0.4639

Inverse Universe

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



19.5933, 0.2498, 0.2620



30.2369, 0.2352, 0.2436



14.2145, 0.2480, 0.2146



7.3179, 0.2987, 0.3155



5.2874, 0.1704, 0.1334



0.2032, 0.1906, 0.2060

Previews

White Background



This preview shows how the Yxy color 25.7869, 0.3842, 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 25.7869, 0.3842, 0.3875 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

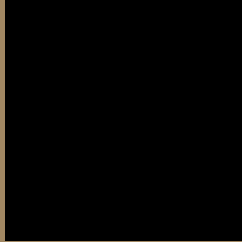
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 25.7869, 0.3842, 0.3875

Background



This preview shows how black text looks on a background with the Yxy color 25.7869, 0.3842, 0.3875.



This preview shows how white text looks on a background with the Yxy color 25.7869, 0.3842, 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

25.7869, 0.3842, 0.3875

Protanopia

25.8694, 0.3666, 0.3934

Deuteranopia

25.6562, 0.3903, 0.3835



Tritanopia

25.8580, 0.3426, 0.3138

Trichromacy



Original Color

25.7869, 0.3842, 0.3875

Protanomaly

25.9478, 0.3730, 0.3924

Deuteranomaly

25.8245, 0.3885, 0.3853

Tritanomaly

25.8757, 0.3583, 0.3400

Monochromacy



Original Color

25.7869, 0.3842, 0.3875

Achromatopsia

25.8183, 0.3127, 0.3290

Achromatomaly

25.8352, 0.3376, 0.3522

CSS Examples

Text

The CSS property to change the color of the text to Yxy 25.7869, 0.3842, 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(161, 135, 98)` looks like.

```
.text, #text, p{  
    color:rgb(161, 135, 98)  
}
```

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(161, 135, 98) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(161, 135, 98) }
```

Border

The CSS property to change the border of an element to Yxy 25.7869, 0.3842, 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(161, 135, 98) }
```

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

```
.border{ border-color:rgb(161, 135, 98) }
```

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

Here you see how a box with a 4 pixel `rgb(161, 135, 98)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(161, 135, 98); -webkit-box-  
shadow:4px 4px 4px 4px rgb(161, 135, 98);  
box-shadow:4px 4px 4px 4px rgb(161, 135,  
98) }
```


Background

The CSS property to change the background color of an element to Yxy 25.7869, 0.3842, 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(161, 135, 98) }
```

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

```
.background{ background-color: rgb(161,  
135, 98) }
```

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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