

Converting Colors

$Y_{xy}(26.3958, 0.3812, 0.3850)$

Have a look what the booklet for
Yxy(26.3958, 0.3812, 0.3850)
contains.

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Color

Yxy(26.5123, 0.3810, 0.3856)

Conversions

Conversions Part 1

Format	Color
Hex	A28965
RGB	162, 137, 101
RGB Percent	64%, 54%, 40%
CMY	0.3647, 0.4627, 0.6039
CMYK	0.00, 0.15, 0.38, 0.36
HSL	35°, 25%, 52%
HSV	35°, 38%, 64%
XYZ	26.1960, 26.5123, 16.0476
YIQ	140.3710, 26.4560, -5.8960

Conversions

Conversions Part 2

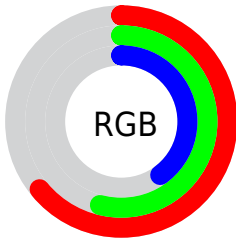
Format	Color
R_YB	143, 162, 101
Decimal	10652005
CIE Lab	58.52, 4.18, 22.84
CIE LCh	59, 23.218, 79.626
Yxy	26.5123, 0.3810, 0.3856
Android (android.graphics.Color)	4288842085 (0xFFA28965)
YUV	140.3710, -19.4099, 18.9686
Hunter-Lab	51.4901, 0.7057, 17.5645

Details

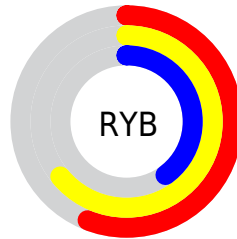
The Yxy color **26.5123, 0.3810, 0.3856** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **20.2983, 0.2522, 0.2645**, and the grayscale version is **26.4475, 0.3127, 0.3290**.

A 20% lighter version of the original color is **53.9993, 0.3672, 0.3741**, and **10.3339, 0.4047, 0.4028** is the 20% darker color. If you saturate the color by 10%, you get **24.3964, 0.4032, 0.4004**, and if you desaturate by 10%, it is **28.8095, 0.3603, 0.3702**.

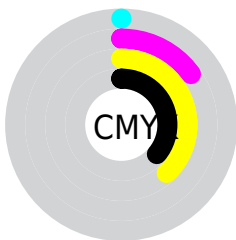
Distribution



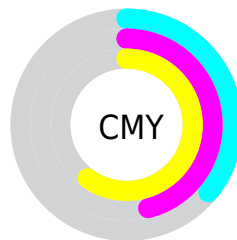
- Red (64%)
- Green (54%)
- Blue (40%)



- Red (56%)
- Yellow (64%)
- Blue (40%)



- Cyan (0%)
- Magenta (15%)
- Yellow (38%)
- Black (36%)





- Cyan (36%)
- Magenta (46%)
- Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 26.5123, 0.3810, 0.3856 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 26.5123, 0.3810, 0.3856 by changing the saturation by 10% instead.


 26.5123, 0.3810,
0.3856


 26.5123, 0.3810,
0.3856


285.2879, 0.3438,
0.3554


 17.2073, 0.3913,
0.3936


 54.1003, 0.3667,
0.3742


 10.3824, 0.4050,
0.4041


 73.1520, 0.3616,
0.3701

 5.6532, 0.4240,
0.4182

 96.2214, 0.3574,
0.3666

 2.6354, 0.4542,
0.4397

 123.6930, 0.3538,
0.3637

 0.9445, 0.5164,
0.4836

155.9510, 0.3507,
0.3611

 0.0000, 0.0000,
0.0000

193.3799, 0.3481,

0.3590

236.3641, 0.3458,
0.3571

■ 26.5123, 0.3810,
0.3856

■ 26.5123, 0.3810,
0.3856

■ 24.3964, 0.4032,
0.4004

■ 28.8095, 0.3603,
0.3702

■ 22.4524, 0.4263,
0.4137

■ 31.2896, 0.3415,
0.3548

■ 20.6751, 0.4496,
0.4245

■ 33.9591, 0.3245,
0.3399

■ 19.0579, 0.4720,
0.4315

■ 36.8228, 0.3093,
0.3258

■ 17.5931, 0.4921,
0.4338

■ 39.8854, 0.2959,
0.3126

■ 16.2695, 0.5094,
0.4313

■ 43.1513, 0.2840,
0.3003

■ 15.9761, 0.5134,
0.4306

■ 46.6248, 0.2735,
0.2890

■ 50.3101, 0.2643,
0.2787

■ 54.2112, 0.2561,
0.2692

Harmonies

Analogous

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



26.5123, 0.3910, 0.3586



26.5123, 0.3810, 0.3856



26.5123, 0.3525, 0.3992

Triad

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



26.5123, 0.3810, 0.3856



26.5123, 0.2507, 0.3259



26.5123, 0.3072, 0.2752

Complementary

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



26.5123, 0.3810, 0.3856



20.2983, 0.2522, 0.2645

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.



26.5123, 0.2712, 0.2655



26.5123, 0.3810, 0.3856



26.5123, 0.2402, 0.2919

Square

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



26.5123, 0.3810, 0.3856



26.5123, 0.2772, 0.3639



26.5123, 0.2475, 0.2708



26.5123, 0.3469, 0.2970

Rectangle

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



26.5123, 0.3810, 0.3856



26.5123, 0.3274, 0.3969



26.5123, 0.2475, 0.2708



26.5123, 0.2943, 0.2704

Sweetspot

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



26.5135, 0.3810, 0.3856



59.8834, 0.3303, 0.3451



18.5063, 0.3644, 0.2888



13.3094, 0.3325, 0.3470



82.7571, 0.3127, 0.3290



14.7319, 0.3127, 0.3290

Same Dimension

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



26.5135, 0.3810, 0.3856



44.9543, 0.3991, 0.3978



33.9436, 0.3626, 0.4220



7.7480, 0.3271, 0.3423



12.6712, 0.5123, 0.4314



0.3559, 0.4709, 0.4643

Inverse Universe

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



20.2983, 0.2522, 0.2645



32.0679, 0.2384, 0.2475



14.9850, 0.2508, 0.2194



7.3145, 0.2987, 0.3154



5.2425, 0.1702, 0.1325



0.2020, 0.1903, 0.2052

Previews

White Background



This preview shows how the Yxy color 26.5123, 0.3810, 0.3856 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 26.5123, 0.3810, 0.3856 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 26.5123, 0.3810, 0.3856

Background



This preview shows how black text looks on a background with the Yxy color 26.5123, 0.3810, 0.3856.



This preview shows how white text looks on a background with the Yxy color 26.5123, 0.3810, 0.3856.

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

26.5123, 0.3810, 0.3856

Protanopia

26.6083, 0.3637, 0.3913

Deuteranopia

26.4830, 0.3881, 0.3814



Tritanopia

26.5625, 0.3411, 0.3139

Trichromacy



Original Color

26.5123, 0.3810, 0.3856

Protanomaly

26.6840, 0.3700, 0.3903

Deuteranomaly

26.5472, 0.3851, 0.3834

Tritanomaly

26.5818, 0.3565, 0.3399

Monochromacy



Original Color

26.5123, 0.3810, 0.3856

Achromatopsia

26.2251, 0.3127, 0.3290

Achromatomaly

26.2675, 0.3363, 0.3504

CSS Examples

Text

The CSS property to change the color of the text to Yxy 26.5123, 0.3810, 0.3856 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(162, 137, 101)` looks like.

```
.text, #text, p{  
    color:rgb(162, 137, 101)  
}
```

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(162, 137, 101) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(162, 137, 101) }
```

Border

The CSS property to change the border of an element to Yxy 26.5123, 0.3810, 0.3856 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(162, 137, 101) }
```

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

```
.border{ border-color:rgb(162, 137, 101) }
```

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

Here you see how a box with a 4 pixel `rgb(162, 137, 101)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(162, 137, 101); -webkit-box-  
shadow:4px 4px 4px 4px rgb(162, 137, 101);  
box-shadow:4px 4px 4px 4px rgb(162, 137,  
101) }
```


Background

The CSS property to change the background color of an element to Yxy 26.5123, 0.3810, 0.3856 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(162, 137, 101) }
```

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

```
.background{ background-color: rgb(162,  
137, 101) }
```

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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