

Converting Colors

$Y_{xy}(25.8567, 0.3745, 0.3820)$

Have a look what the booklet for
Yxy(25.8567, 0.3745, 0.3820)
contains.

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Color

Yxy(25.8567, 0.3745, 0.3820)

Conversions

Conversions Part 1

Format	Color
Hex	9E8867
RGB	158, 136, 103
RGB Percent	62%, 53%, 40%
CMY	0.3805, 0.4666, 0.5961
CMYK	0.00, 0.14, 0.35, 0.38
HSL	36°, 22%, 51%
HSV	36°, 35%, 62%
XYZ	25.3490, 25.8567, 16.4820
YIQ	138.8160, 23.7050, -5.5990

Conversions

Conversions Part 2

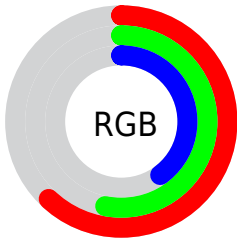
Format	Color
R_{YB}	140, 158, 103
Decimal	10389607
CIE _{Lab}	57.90, 3.31, 20.83
CIE _{LCh}	58, 21.087, 80.982
Yxy	25.8567, 0.3745, 0.3820
Android (android.graphics.Color)	4288579687 (0xFF9E8867)
YUV	138.8160, -17.6573, 16.8244
Hunter-Lab	50.8495, -0.0023, 16.3768

Details

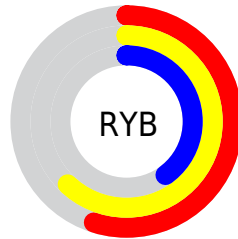
The Yxy color **25.8567, 0.3745, 0.3820** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **20.0047, 0.2570, 0.2693**, and the grayscale version is **25.8059, 0.3127, 0.3290**.

A 20% lighter version of the original color is **52.8744, 0.3614, 0.3713**, and **10.0053, 0.3972, 0.3980** is the 20% darker color. If you saturate the color by 10%, you get **23.8446, 0.3960, 0.3973**, and if you desaturate by 10%, it is **28.0358, 0.3545, 0.3663**.

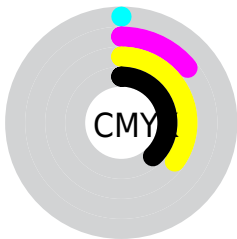
Distribution



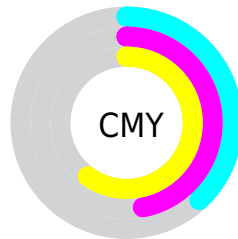
- Red (62%)
- Green (53%)
- Blue (40%)



- Red (55%)
- Yellow (62%)
- Blue (40%)



- Cyan (0%)
- Magenta (14%)
- Yellow (35%)
- Black (38%)




- Cyan (38%)
- Magenta (47%)
- Yellow (60%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 25.8567, 0.3745, 0.3820 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 25.8567, 0.3745, 0.3820 by changing the saturation by 10% instead.


 25.8567, 0.3745,
0.3820


 25.8567, 0.3745,
0.3820


282.0779, 0.3407,
0.3534


 16.7165, 0.3839,
0.3897


 53.0437, 0.3615,
0.3712


 10.0325, 0.3966,
0.4000

 71.8592, 0.3568,
0.3672

 5.4205, 0.4144,
0.4139

 94.6686, 0.3530,
0.3639

 2.4961, 0.4424,
0.4352

 121.8563, 0.3497,
0.3612

 0.8747, 0.5110,
0.4890

153.8067, 0.3470,
0.3588

 0.0000, 0.0000,
0.0000

190.9042, 0.3446,

0.3568

233.5331, 0.3425,
0.3550

■ 25.8567, 0.3745,
0.3820

■ 25.8567, 0.3745,
0.3820

■ 23.8446, 0.3960,
0.3973

■ 28.0358, 0.3545,
0.3663

■ 21.9906, 0.4186,
0.4113

■ 30.3832, 0.3363,
0.3508

■ 20.2906, 0.4415,
0.4231

■ 32.9046, 0.3200,
0.3359

■ 18.7384, 0.4638,
0.4316

■ 35.6045, 0.3054,
0.3218

■ 17.3272, 0.4841,
0.4356

■ 38.4870, 0.2924,
0.3087

■ 16.0492, 0.5016,
0.4346

■ 41.5561, 0.2809,
0.2965

■ 15.4300, 0.5102,
0.4331

■ 44.8157, 0.2708,
0.2853

■ 48.2697, 0.2618,
0.2750

■ 51.9215, 0.2539,
0.2656

Harmonies

Analogous

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



25.8567, 0.3844, 0.3578



25.8567, 0.3745, 0.3820



25.8567, 0.3479, 0.3933

Triad

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



25.8567, 0.3745, 0.3820



25.8567, 0.2549, 0.3248



25.8567, 0.3094, 0.2801

Complementary

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



25.8567, 0.3745, 0.3820



20.0047, 0.2570, 0.2693

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.



25.8567, 0.2759, 0.2706



25.8567, 0.3745, 0.3820



25.8567, 0.2459, 0.2940

Square

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



25.8567, 0.3745, 0.3820



25.8567, 0.2789, 0.3594



25.8567, 0.2534, 0.2750



25.8567, 0.3457, 0.3007

Rectangle

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



25.8567, 0.3745, 0.3820



25.8567, 0.3248, 0.3904



25.8567, 0.2534, 0.2750



25.8567, 0.2975, 0.2755

Sweetspot

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



25.8579, 0.3745, 0.3820



57.2670, 0.3285, 0.3438



18.4442, 0.3603, 0.2935



12.7750, 0.3307, 0.3458



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.



25.8579, 0.3745, 0.3820



44.0193, 0.3916, 0.3943



32.1471, 0.3579, 0.4152



7.2753, 0.3270, 0.3424



12.4399, 0.5093, 0.4338



0.3036, 0.4656, 0.4685

Inverse Universe

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



20.0047, 0.2570, 0.2693



31.7210, 0.2434, 0.2527



15.3835, 0.2575, 0.2295



6.8483, 0.2988, 0.3152



4.9068, 0.1694, 0.1297



0.1680, 0.1909, 0.2074

Previews

White Background



This preview shows how the Yxy color 25.8567, 0.3745, 0.3820 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 25.8567, 0.3745, 0.3820 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

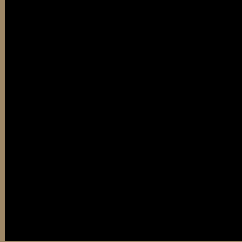
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 25.8567, 0.3745, 0.3820

Background



This preview shows how black text looks on a background with the Yxy color 25.8567, 0.3745, 0.3820.



This preview shows how white text looks on a background with the Yxy color 25.8567, 0.3745, 0.3820.

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

25.8567, 0.3745, 0.3820

Protanopia

25.8543, 0.3612, 0.3871

Deuteranopia

25.6468, 0.3834, 0.3761



Tritanopia

25.8371, 0.3378, 0.3136

Trichromacy



Original Color

25.8567, 0.3745, 0.3820

Protanomaly

25.8518, 0.3652, 0.3848

Deuteranomaly

25.7108, 0.3804, 0.3780

Tritanomaly

25.8844, 0.3520, 0.3385

Monochromacy



Original Color

25.8567, 0.3745, 0.3820

Achromatopsia

25.8183, 0.3127, 0.3290

Achromatomaly

25.7943, 0.3343, 0.3490

CSS Examples

Text

The CSS property to change the color of the text to Yxy 25.8567, 0.3745, 0.3820 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(158, 136, 103)` looks like.

```
.text, #text, p{  
    color:rgb(158, 136, 103)  
}
```

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(158, 136, 103) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(158, 136, 103) }
```

Border

The CSS property to change the border of an element to Yxy 25.8567, 0.3745, 0.3820 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(158, 136, 103) }
```

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

```
.border{ border-color:rgb(158, 136, 103) }
```

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

Here you see how a box with a 4 pixel `rgb(158, 136, 103)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(158, 136, 103); -webkit-box-  
shadow:4px 4px 4px 4px rgb(158, 136, 103);  
box-shadow:4px 4px 4px 4px rgb(158, 136,  
103) }
```


Background

The CSS property to change the background color of an element to Yxy 25.8567, 0.3745, 0.3820 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(158, 136, 103) }
```

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

```
.background{ background-color: rgb(158,  
136, 103) }
```

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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