

Converting Colors

$Y_{xy}(25.8891, 0.3941, 0.3765)$

Have a look what the booklet for
Yxy(25.8891, 0.3941, 0.3765)
contains.

Yxy(25.9882, 0.3935, 0.3763)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(25.9882, 0.3935, 0.3763)

Conversions

Conversions Part 1

Format	Color
Hex	AA8465
RGB	170, 132, 101
RGB Percent	67%, 52%, 40%
CMY	0.3334, 0.4823, 0.6039
CMYK	0.00, 0.22, 0.41, 0.33
HSL	27°, 29%, 53%
HSV	27°, 41%, 67%
XYZ	27.1761, 25.9882, 15.8982
YIQ	139.8280, 32.5990, -1.5850

Conversions

Conversions Part 2

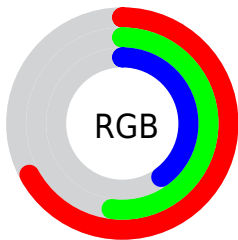
Format	Color
R_{YB}	170, 157, 101
Decimal	11175013
CIE Lab	58.03, 10.32, 22.32
CIE LCh	58, 24.586, 65.181
Yxy	25.9882, 0.3935, 0.3763
Android (android.graphics.Color)	4289365093 (0xFFAA8465)
YUV	139.8280, -19.1422, 26.4608
Hunter-Lab	50.9786, 5.9436, 17.1949

Details

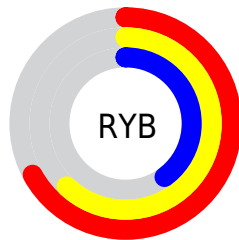
The Yxy color **25.9882, 0.3935, 0.3763** is a dark color, and the websafe version is hex **CC9966**. A complement of this color would be **24.1308, 0.2497, 0.2757**, and the grayscale version is **26.2221, 0.3127, 0.3290**.

A 20% lighter version of the original color is **53.2958, 0.3769, 0.3673**, and **10.1659, 0.4216, 0.3910** is the 20% darker color. If you saturate the color by 10%, you get **23.2641, 0.4200, 0.3875**, and if you desaturate by 10%, it is **29.0114, 0.3695, 0.3643**.

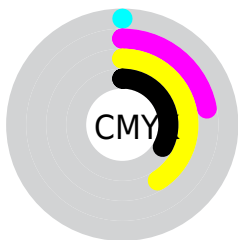
Distribution



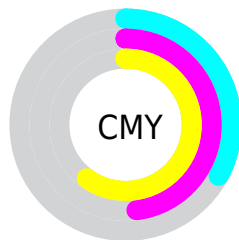
- Red (67%)
- Green (52%)
- Blue (40%)



- Red (67%)
- Yellow (62%)
- Blue (40%)



- Cyan (0%)
- Magenta (22%)
- Yellow (41%)
- Black (33%)




- Cyan (33%)
- Magenta (48%)
- Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 25.9882, 0.3935, 0.3763 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 25.9882, 0.3935, 0.3763 by changing the saturation by 10% instead.


 25.9882, 0.3935,
0.3763


 25.9882, 0.3935,
0.3763


282.7241, 0.3491,
0.3517


 16.8148, 0.4059,
0.3825


 53.2559, 0.3764,
0.3672

 10.1025, 0.4226,
0.3904


 72.1190, 0.3702,
0.3638

 5.4670, 0.4461,
0.4004

 94.9808, 0.3652,
0.3610

 2.5238, 0.4840,
0.4152

 122.2257, 0.3609,
0.3586

 0.8885, 0.5583,
0.4417

154.2381, 0.3573,
0.3565

 0.0000, 1.0000,
0.0000

191.4024, 0.3542,

 0.0000, 0.0000,

0.3547

0.0000

234.1029, 0.3515,
0.3531

■ 25.9882, 0.3935,
0.3763

■ 25.9882, 0.3935,
0.3763

■ 23.2641, 0.4200,
0.3875

■ 29.0114, 0.3695,
0.3643

■ 20.8252, 0.4486,
0.3971

■ 32.3398, 0.3483,
0.3523

■ 18.6618, 0.4781,
0.4038

■ 35.9836, 0.3297,
0.3407

■ 16.7620, 0.5069,
0.4065

■ 39.9517, 0.3136,
0.3296

■ 15.1126, 0.5329,
0.4040

■ 44.2523, 0.2996,
0.3193

■ 13.7680, 0.5545,
0.3979

■ 48.8934, 0.2875,
0.3098

■ 53.8829, 0.2770,
0.3011

■ 59.2282, 0.2679,
0.2931

■ 64.9364, 0.2600,
0.2858

Harmonies

Analogous

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



25.9882, 0.3928, 0.3440



25.9882, 0.3935, 0.3763



25.9882, 0.3715, 0.3991

Triad

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



25.9882, 0.3935, 0.3763



25.9882, 0.2584, 0.3455



25.9882, 0.2871, 0.2652

Complementary

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



25.9882, 0.3935, 0.3763



24.1308, 0.2497, 0.2757

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.



25.9882, 0.2545, 0.2622



25.9882, 0.3935, 0.3763



25.9882, 0.2388, 0.3053

Square

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



25.9882, 0.3935, 0.3763



25.9882, 0.2930, 0.3831



25.9882, 0.2375, 0.2757



25.9882, 0.3289, 0.2826

Rectangle

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



25.9882, 0.3935, 0.3763



25.9882, 0.3478, 0.4044



25.9882, 0.2375, 0.2757



25.9882, 0.2748, 0.2624

Sweetspot

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



25.9894, 0.3935, 0.3763



64.1752, 0.3326, 0.3425



19.7503, 0.3557, 0.2705



14.1220, 0.3348, 0.3440



86.8899, 0.3127, 0.3290



16.2647, 0.3127, 0.3290

Same Dimension

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



25.9894, 0.3935, 0.3763



42.5412, 0.4181, 0.3868



36.5350, 0.3745, 0.4217



8.0767, 0.3275, 0.3392



10.2379, 0.5527, 0.3993



0.3520, 0.4982, 0.4426

Inverse Universe

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



24.1308, 0.2497, 0.2757



38.6717, 0.2357, 0.2609



15.8967, 0.2404, 0.2154



7.9595, 0.2987, 0.3186



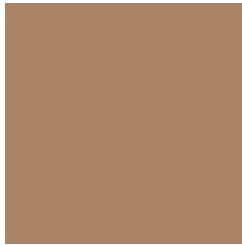
8.0842, 0.1827, 0.1777



0.2966, 0.1981, 0.2329

Previews

White Background



This preview shows how the Yxy color 25.9882, 0.3935, 0.3763 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 25.9882, 0.3935, 0.3763 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

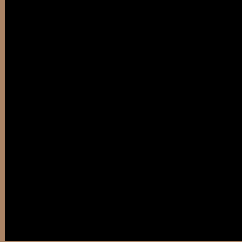
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 25.9882, 0.3935, 0.3763

Background



This preview shows how black text looks on a background with the Yxy color 25.9882, 0.3935, 0.3763.



This preview shows how white text looks on a background with the Yxy color 25.9882, 0.3935, 0.3763.

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

25.9882, 0.3935, 0.3763

Protanopia

26.2397, 0.3619, 0.3884

Deuteranopia

26.0968, 0.3875, 0.3802



Tritanopia

25.8691, 0.3564, 0.3142

Trichromacy



Original Color

25.9882, 0.3935, 0.3763

Protanomaly

26.0387, 0.3728, 0.3837

Deuteranomaly

25.9301, 0.3893, 0.3785

Tritanomaly

25.9264, 0.3702, 0.3367

Monochromacy



Original Color

25.9882, 0.3935, 0.3763

Achromatopsia

26.2251, 0.3127, 0.3290

Achromatomaly

25.9770, 0.3403, 0.3470

CSS Examples

Text

The CSS property to change the color of the text to Yxy 25.9882, 0.3935, 0.3763 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(170, 132, 101)` looks like.

```
.text, #text, p{  
    color:rgb(170, 132, 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(170, 132, 101) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(170, 132, 101) }
```

Border

The CSS property to change the border of an element to Yxy 25.9882, 0.3935, 0.3763 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(170, 132, 101) }
```

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

```
.border{ border-color:rgb(170, 132, 101) }
```

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

Here you see how a box with a 4 pixel `rgb(170, 132, 101)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(170, 132, 101); -webkit-box-  
shadow:4px 4px 4px 4px rgb(170, 132, 101);  
box-shadow:4px 4px 4px 4px rgb(170, 132,  
101) }
```


Background

The CSS property to change the background color of an element to Yxy 25.9882, 0.3935, 0.3763 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(170, 132, 101) }
```

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

```
.background{ background-color: rgb(170,  
132, 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](#).

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