

Converting Colors

$Y_{xy}(25.7665, 0.3261, 0.3890)$

Have a look what the booklet for
Yxy(25.7665, 0.3261, 0.3890)
contains.

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Color

Yxy(25.8341, 0.3257, 0.3895)

Conversions

Conversions Part 1

Format	Color
Hex	7E916F
RGB	126, 145, 111
RGB Percent	49%, 57%, 44%
CMY	0.5058, 0.4314, 0.5647
CMYK	0.13, 0.00, 0.23, 0.43
HSL	93°, 13%, 50%
HSV	93°, 23%, 57%
XYZ	21.6025, 25.8341, 18.8897
YIQ	135.4430, -0.4100, -14.6020

Conversions

Conversions Part 2

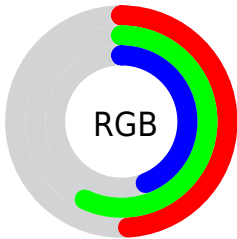
Format	Color
RYB	111, 145, 130
Decimal	8294767
CIELab	57.88, -13.31, 15.83
CIElCh	58, 20.684, 130.053
Yxy	25.8341, 0.3257, 0.3895
Android (android.graphics.Color)	4286484847 (0xFF7E916F)
YUV	135.4430, -12.0504, -8.2815
Hunter-Lab	50.8273, -13.0820, 13.5442

Details

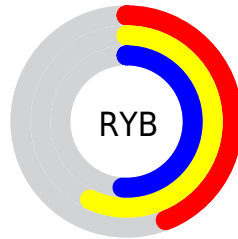
The Yxy color $25.8341, 0.3257, 0.3895$ is a dark color, and the websafe version is hex 999966 . A complement of this color would be $18.1595, 0.2967, 0.2694$, and the grayscale version is $24.4501, 0.3127, 0.3290$.

A 20% lighter version of the original color is $53.0749, 0.3231, 0.3759$, and $10.1211, 0.3299, 0.4147$ is the 20% darker color. If you saturate the color by 10%, you get $24.9506, 0.3307, 0.4184$, and if you desaturate by 10%, it is $26.8215, 0.3203, 0.3623$.

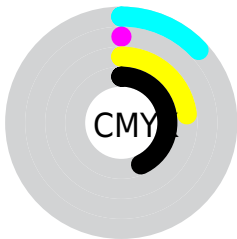
Distribution



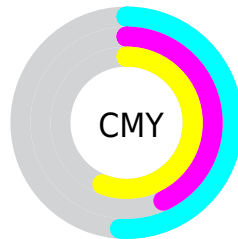
- Red (49%)
- Green (57%)
- Blue (44%)



- Red (44%)
- Yellow (57%)
- Blue (51%)



- Cyan (13%)
- Magenta (0%)
- Yellow (23%)
- Black (43%)





- Cyan (51%)
- Magenta (43%)
- Yellow (56%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 25.8341, 0.3257, 0.3895 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 25.8341, 0.3257, 0.3895 by changing the saturation by 10% instead.


 25.8341, 0.3257,
0.3895


 25.8341, 0.3257,
0.3895


281.9667, 0.3191,
0.3554


 16.6996, 0.3273,
0.3996


 53.0072, 0.3233,
0.3760


 10.0205, 0.3293,
0.4136


 71.8145, 0.3224,
0.3713

 5.4126, 0.3317,
0.4344

 94.6149, 0.3216,
0.3675

 2.4913, 0.3342,
0.4683

 121.7928, 0.3210,
0.3643

 0.8723, 0.3663,
0.6337

153.7325, 0.3204,
0.3615

 0.0000, 0.0000,
0.0000

190.8185, 0.3199,

0.3592

233.4351, 0.3195,
0.3572

■ 25.8341, 0.3257,
0.3895

■ 25.8341, 0.3257,
0.3895

■ 24.9506, 0.3307,
0.4184

■ 26.8215, 0.3203,
0.3623

■ 24.1639, 0.3349,
0.4481

■ 27.9128, 0.3147,
0.3371

■ 23.4713, 0.3380,
0.4778

■ 29.1125, 0.3090,
0.3142

■ 22.8684, 0.3396,
0.5060

■ 30.4237, 0.3036,
0.2935

■ 22.3508, 0.3395,
0.5313

■ 31.8494, 0.2984,
0.2750

■ 21.9132, 0.3373,
0.5521

■ 33.3925, 0.2934,
0.2585

■ 21.5497, 0.3334,
0.5675

■ 35.0556, 0.2888,
0.2438

■ 21.3420, 0.3304,
0.5759

■ 36.8416, 0.2845,
0.2308

■ 38.7530, 0.2805,
0.2192

Harmonies

Analogous

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



25.8341, 0.3582, 0.3900



25.8341, 0.3257, 0.3895



25.8341, 0.2909, 0.3698

Triad

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



25.8341, 0.3257, 0.3895



25.8341, 0.2499, 0.2812



25.8341, 0.3642, 0.3181

Complementary

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



25.8341, 0.3257, 0.3895



18.1595, 0.2967, 0.2694

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.



25.8341, 0.3324, 0.2928



25.8341, 0.3257, 0.3895



25.8341, 0.2670, 0.2716

Square

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



25.8341, 0.3257, 0.3895



25.8341, 0.2485, 0.3046



25.8341, 0.2967, 0.2761



25.8341, 0.3816, 0.3471

Rectangle

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



25.8341, 0.3257, 0.3895



25.8341, 0.2711, 0.3489



25.8341, 0.2967, 0.2761



25.8341, 0.3547, 0.3090

Sweetspot

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



25.8352, 0.3257, 0.3895



49.2442, 0.3167, 0.3462



23.0535, 0.3522, 0.3611



10.9333, 0.3170, 0.3474



72.9347, 0.3127, 0.3290



11.2805, 0.3127, 0.3290

Same Dimension

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



25.8352, 0.3257, 0.3895



45.4328, 0.3283, 0.4042



24.8154, 0.3082, 0.3892



6.1387, 0.3179, 0.3513



18.3220, 0.3308, 0.5755



0.1879, 0.3656, 0.5479

Inverse Universe

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



18.1595, 0.2967, 0.2694



29.2681, 0.2924, 0.2553



19.3828, 0.3174, 0.2754



5.3940, 0.3072, 0.3069



3.2665, 0.2165, 0.0966



0.0443, 0.2628, 0.1221

Previews

White Background



This preview shows how the Yxy color 25.8341, 0.3257, 0.3895 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 25.8341, 0.3257, 0.3895 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

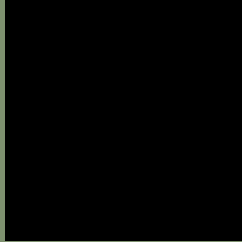
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 25.8341, 0.3257, 0.3895

Background



This preview shows how black text looks on a background with the Yxy color 25.8341, 0.3257, 0.3895.



This preview shows how white text looks on a background with the Yxy color 25.8341, 0.3257, 0.3895.

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

25.8341, 0.3257, 0.3895

Protanopia

25.8438, 0.3557, 0.3806

Deuteranopia

25.5444, 0.3682, 0.3608



Tritanopia

25.8961, 0.2937, 0.3106

Trichromacy



Original Color

25.8341, 0.3257, 0.3895

Protanomaly

25.7293, 0.3445, 0.3838

Deuteranomaly

25.3571, 0.3521, 0.3707

Tritanomaly

25.8694, 0.3059, 0.3393

Monochromacy



Original Color

25.8341, 0.3257, 0.3895

Achromatopsia

24.2281, 0.3127, 0.3290

Achromatomaly

24.8771, 0.3182, 0.3516

CSS Examples

Text

The CSS property to change the color of the text to Yxy 25.8341, 0.3257, 0.3895 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(126, 145, 111)` looks like.

```
.text, #text, p{  
    color:rgb(126, 145, 111)  
}
```

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(126, 145, 111) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(126, 145, 111) }
```

Border

The CSS property to change the border of an element to Yxy 25.8341, 0.3257, 0.3895 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(126, 145, 111) }
```

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

```
.border{ border-color:rgb(126, 145, 111) }
```

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

Here you see how a box with a 4 pixel `rgb(126, 145, 111)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(126, 145, 111); -webkit-box-  
shadow:4px 4px 4px 4px rgb(126, 145, 111);  
box-shadow:4px 4px 4px 4px rgb(126, 145,  
111) }
```


Background

The CSS property to change the background color of an element to Yxy 25.8341, 0.3257, 0.3895 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(126, 145, 111) }
```

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

```
.background{ background-color: rgb(126,  
145, 111) }
```

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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