

Converting Colors

$Y_{xy}(25.3846, 0.2886, 0.3564)$

Have a look what the booklet for
Yxy(25.3846, 0.2886, 0.3564)
contains.

Yxy(25.3846, 0.2886, 0.3564)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

$Y_{xy}(25.3846, 0.2886, 0.3564)$

Conversions

Conversions Part 1

Format	Color
Hex	6C9283
RGB	108, 146, 131
RGB Percent	42%, 57%, 51%
CMY	0.5766, 0.4274, 0.4863
CMYK	0.26, 0.00, 0.10, 0.43
HSL	156°, 15%, 50%
HSV	156°, 26%, 57%
XYZ	20.5555, 25.3846, 25.2849
YIQ	132.9280, -17.8330, -12.7210

Conversions

Conversions Part 2

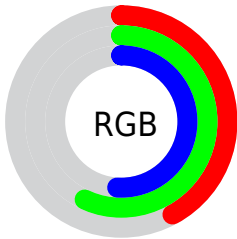
Format	Color
R _Y B	108, 132, 146
Decimal	7115395
CIE Lab	57.45, -16.46, 3.70
CIE LCh	57, 16.875, 167.323
Yxy	25.3846, 0.2886, 0.3564
Android (android.graphics.Color)	4285305475 (0xFF6C9283)
YUV	132.9280, -0.9505, -21.8619
Hunter-Lab	50.3831, -15.3452, 5.5134

Details

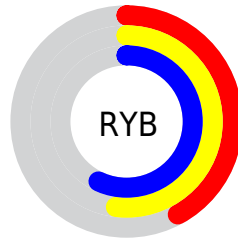
The Yxy color $25.3846, 0.2886, 0.3564$ is a dark color, and the websafe version is hex 669999 . A complement of this color would be $18.2584, 0.3453, 0.3033$, and the grayscale version is $23.4337, 0.3127, 0.3290$.

A 20% lighter version of the original color is $52.2428, 0.2936, 0.3502$, and $9.7234, 0.2788, 0.3654$ is the 20% darker color. If you saturate the color by 10%, you get $24.3940, 0.2804, 0.3688$, and if you desaturate by 10%, it is $26.5394, 0.2975, 0.3451$.

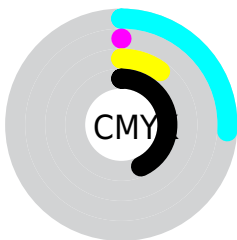
Distribution



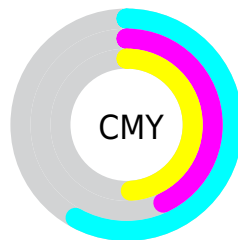
- Red (42%)
- Green (57%)
- Blue (51%)



- Red (42%)
- Yellow (52%)
- Blue (57%)



- Cyan (26%)
- Magenta (0%)
- Yellow (10%)
- Black (43%)




- Cyan (58%)
- Magenta (43%)
- Yellow (49%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 25.3846, 0.2886, 0.3564 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 25.3846, 0.2886, 0.3564 by changing the saturation by 10% instead.


 25.3846, 0.2886,
0.3564


 25.3846, 0.2886,
0.3564


279.7479, 0.3020,
0.3411


 16.3638, 0.2847,
0.3609


 52.2805, 0.2938,
0.3504


 9.7820, 0.2794,
0.3672


 70.9244, 0.2957,
0.3483

 5.2546, 0.2715,
0.3765

 93.5447, 0.2972,
0.3465

 2.3974, 0.2588,
0.3917

 120.5260, 0.2985,
0.3451

 0.8246, 0.2069,
0.4468

152.2526, 0.2995,
0.3438

 0.0000, 0.0000,
0.0000

189.1088, 0.3005,

0.3428

231.4791, 0.3013,
0.3419

■ 25.3846, 0.2886,
0.3564

■ 25.3846, 0.2886,
0.3564

■ 24.3940, 0.2804,
0.3688

■ 26.5394, 0.2975,
0.3451

■ 23.5565, 0.2732,
0.3821

■ 27.8623, 0.3069,
0.3347

■ 22.8648, 0.2672,
0.3961

■ 29.3613, 0.3165,
0.3255

■ 22.3097, 0.2629,
0.4108

■ 31.0428, 0.3262,
0.3172

■ 21.8808, 0.2603,
0.4258

■ 32.9127, 0.3357,
0.3099

■ 21.5660, 0.2597,
0.4408

■ 34.9771, 0.3450,
0.3034

■ 21.3478, 0.2609,
0.4555

■ 37.2413, 0.3541,
0.2977

■ 21.2723, 0.2615,
0.4613

■ 39.7107, 0.3628,
0.2928

■ 42.3904, 0.3711,
0.2884

Harmonies

Analogous

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



25.3846, 0.3166, 0.3756



25.3846, 0.2886, 0.3564



25.3846, 0.2676, 0.3293

Triad

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



25.3846, 0.2886, 0.3564



25.3846, 0.2802, 0.2812



25.3846, 0.3701, 0.3501

Complementary

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



25.3846, 0.2886, 0.3564



18.2584, 0.3453, 0.3033

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.



25.3846, 0.3596, 0.3260



25.3846, 0.2886, 0.3564



25.3846, 0.3067, 0.2875

Square

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



25.3846, 0.2886, 0.3564



25.3846, 0.2630, 0.2866



25.3846, 0.3360, 0.3036



25.3846, 0.3644, 0.3702

Rectangle

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



25.3846, 0.2886, 0.3564



25.3846, 0.2601, 0.3116



25.3846, 0.3360, 0.3036



25.3846, 0.3684, 0.3422

Sweetspot

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



25.3856, 0.2886, 0.3564



48.6276, 0.3049, 0.3368



25.8678, 0.3253, 0.3974



10.7440, 0.3036, 0.3382



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.



25.3856, 0.2886, 0.3564



43.7669, 0.2839, 0.3632



24.6691, 0.2751, 0.3221



6.5238, 0.3039, 0.3379



18.7207, 0.2613, 0.4606



0.2350, 0.2431, 0.3952

Inverse Universe

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



18.2584, 0.3453, 0.3033



29.1096, 0.3545, 0.2975



18.7305, 0.3645, 0.3358



5.8511, 0.3224, 0.3203



5.6475, 0.5341, 0.2716



0.0746, 0.4321, 0.2154

Previews

White Background



This preview shows how the Yxy color 25.3846, 0.2886, 0.3564 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 25.3846, 0.2886, 0.3564 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

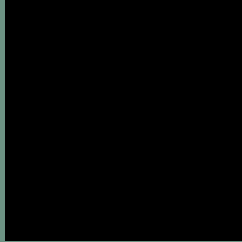
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 25.3846, 0.2886, 0.3564

Background



This preview shows how black text looks on a background with the Yxy color 25.3846, 0.2886, 0.3564.

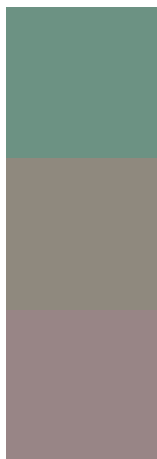


This preview shows how white text looks on a background with the Yxy color 25.3846, 0.2886, 0.3564.

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

25.3846, 0.2886, 0.3564

Protanopia

25.2373, 0.3310, 0.3475

Deuteranopia

25.1717, 0.3335, 0.3274



Tritanopia

25.4887, 0.2731, 0.3098

Trichromacy



Original Color

25.3846, 0.2886, 0.3564

Protanomaly

25.0605, 0.3139, 0.3499

Deuteranomaly

25.1047, 0.3156, 0.3375

Tritanomaly

25.4013, 0.2782, 0.3254

Monochromacy



Original Color

25.3846, 0.2886, 0.3564

Achromatopsia

23.4551, 0.3127, 0.3290

Achromatomaly

24.1280, 0.3036, 0.3396

CSS Examples

Text

The CSS property to change the color of the text to Yxy 25.3846, 0.2886, 0.3564 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(108, 146, 131)` looks like.

```
.text, #text, p{  
    color:rgb(108, 146, 131)  
}
```

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(108, 146, 131) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(108, 146, 131) }
```

Border

The CSS property to change the border of an element to Yxy 25.3846, 0.2886, 0.3564 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(108, 146, 131) }
```

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

```
.border{ border-color:rgb(108, 146, 131) }
```

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

Here you see how a box with a 4 pixel `rgb(108, 146, 131)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(108, 146, 131); -webkit-box-  
shadow:4px 4px 4px 4px rgb(108, 146, 131);  
box-shadow:4px 4px 4px 4px rgb(108, 146,  
131) }
```


Background

The CSS property to change the background color of an element to Yxy 25.3846, 0.2886, 0.3564 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(108, 146, 131) }
```

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

```
.background{ background-color: rgb(108,  
146, 131) }
```

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