

Converting Colors

$Y_{xy}(25.8843, 0.2750, 0.3343)$

Have a look what the booklet for
Yxy(25.8843, 0.2750, 0.3343)
contains.

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Color

$\text{Yxy}(25.8843, 0.2750, 0.3343)$

Conversions

Conversions Part 1

Format	Color
Hex	699390
RGB	105, 147, 144
RGB Percent	41%, 58%, 56%
CMY	0.5882, 0.4235, 0.4354
CMYK	0.29, 0.00, 0.02, 0.42
HSL	176°, 17%, 49%
HSV	176°, 29%, 58%
XYZ	21.2928, 25.8843, 30.2513
YIQ	134.1000, -24.0690, -9.8370

Conversions

Conversions Part 2

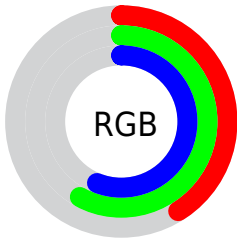
Format	Color
R_{YB}	105, 127, 147
Decimal	6919056
CIE _{Lab}	57.93, -14.98, -3.04
CIE _{LCh}	58, 15.288, 191.484
Yxy	25.8843, 0.2750, 0.3343
Android (android.graphics.Color)	4285109136 (0xFF699390)
YUV	134.1000, 4.8807, -25.5207
Hunter-Lab	50.8766, -14.3285, 0.3598

Details

The Yxy color **25.8843, 0.2750, 0.3343** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **17.3917, 0.3686, 0.3239**, and the grayscale version is **23.8678, 0.3127, 0.3290**.

A 20% lighter version of the original color is **53.0186, 0.2824, 0.3328**, and **9.9861, 0.2604, 0.3343** is the 20% darker color. If you saturate the color by 10%, you get **25.0385, 0.2638, 0.3364**, and if you desaturate by 10%, it is **26.8864, 0.2874, 0.3323**.

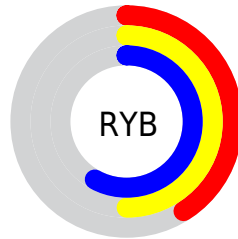
Distribution



Red (41%)

Green (58%)

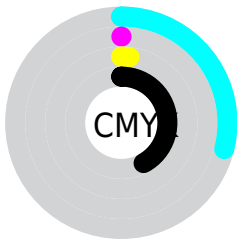
Blue (56%)



Red (41%)

Yellow (50%)

Blue (58%)

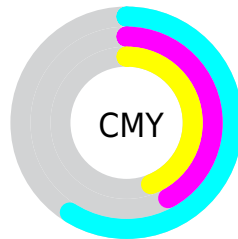


Cyan (29%)

Magenta (0%)

Yellow (2%)

Black (42%)



Cyan (59%)


Magenta (42%)


Yellow (44%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 25.8843, 0.2750, 0.3343 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 25.8843, 0.2750, 0.3343 by changing the saturation by 10% instead.

 25.8843, 0.2750,
0.3343


 25.8843, 0.2750,
0.3343


282.2137, 0.2956,
0.3316

 16.7371, 0.2692,
0.3350


 53.0882, 0.2829,
0.3333


 10.0472, 0.2614,
0.3358


 71.9138, 0.2858,
0.3329

 5.4303, 0.2501,
0.3370

 94.7342, 0.2881,
0.3326

 2.5019, 0.2326,
0.3384

 121.9339, 0.2901,
0.3324

 0.8776, 0.1852,
0.3470

153.8973, 0.2917,
0.3321

 0.0000, 0.0000,
0.0000

191.0088, 0.2932,

0.3319

233.6528, 0.2944,
0.3318

■ 25.8843, 0.2750,
0.3343

■ 25.8843, 0.2750,
0.3343

■ 25.0385, 0.2638,
0.3364

■ 26.8864, 0.2874,
0.3323

■ 24.3379, 0.2540,
0.3387

■ 28.0489, 0.3007,
0.3305

■ 23.7750, 0.2459,
0.3410

■ 29.3799, 0.3148,
0.3288

■ 23.3402, 0.2395,
0.3433

■ 30.8857, 0.3292,
0.3272

■ 23.0228, 0.2350,
0.3457

■ 32.5726, 0.3437,
0.3259

■ 22.8103, 0.2323,
0.3480

■ 34.4464, 0.3583,
0.3247

■ 22.6760, 0.2309,
0.3504

■ 36.5126, 0.3726,
0.3236

■ 22.6581, 0.2308,
0.3507

■ 38.7765, 0.3866,
0.3227

■ 41.2434, 0.4001,
0.3219

Harmonies

Analogous

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



25.8843, 0.2957, 0.3577



25.8843, 0.2750, 0.3343



25.8843, 0.2644, 0.3104

Triad

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



25.8843, 0.2750, 0.3343



25.8843, 0.3023, 0.2896



25.8843, 0.3613, 0.3633

Complementary

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



25.8843, 0.2750, 0.3343



17.3917, 0.3686, 0.3239

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.



25.8843, 0.3636, 0.3441



25.8843, 0.2750, 0.3343



25.8843, 0.3287, 0.3026

Square

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



25.8843, 0.2750, 0.3343



25.8843, 0.2796, 0.2859



25.8843, 0.3515, 0.3222



25.8843, 0.3457, 0.3743

Rectangle

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



25.8843, 0.2750, 0.3343



25.8843, 0.2641, 0.2979



25.8843, 0.3515, 0.3222



25.8843, 0.3637, 0.3575

Sweetspot

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



25.8853, 0.2750, 0.3343



50.0919, 0.2999, 0.3306



25.1088, 0.3125, 0.4080



11.3678, 0.2981, 0.3308



74.8414, 0.3127, 0.3290



11.9280, 0.3127, 0.3290

Same Dimension

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



25.8853, 0.2750, 0.3343



45.3929, 0.2680, 0.3356



20.9446, 0.2693, 0.2967



6.5551, 0.2999, 0.3306



19.6439, 0.2307, 0.3506



0.2422, 0.2275, 0.3388

Inverse Universe

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



17.3917, 0.3686, 0.3239



27.7243, 0.3857, 0.3228



21.2673, 0.3649, 0.3592



5.8218, 0.3272, 0.3274



5.3994, 0.6294, 0.3241



0.0674, 0.5820, 0.2980

Previews

White Background



This preview shows how the Yxy color 25.8843, 0.2750, 0.3343 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 25.8843, 0.2750, 0.3343 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

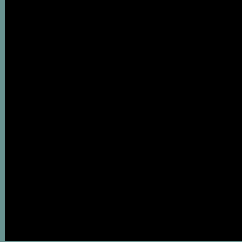
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 25.8843, 0.2750, 0.3343

Background



This preview shows how black text looks on a background with the Yxy color 25.8843, 0.2750, 0.3343.



This preview shows how white text looks on a background with the Yxy color 25.8843, 0.2750, 0.3343.

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

25.8843, 0.2750, 0.3343

Protanopia

25.7038, 0.3150, 0.3273

Deuteranopia

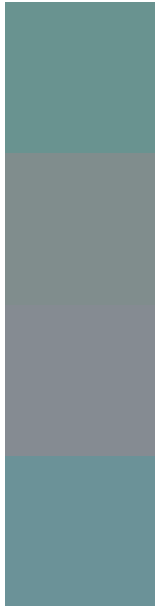
25.8241, 0.3158, 0.3098



Tritanopia

25.8733, 0.2667, 0.3081

Trichromacy



Original Color

25.8843, 0.2750, 0.3343

Protanomaly

25.5620, 0.2990, 0.3290

Deuteranomaly

25.5271, 0.2994, 0.3172

Tritanomaly

25.9506, 0.2700, 0.3184

Monochromacy



Original Color

25.8843, 0.2750, 0.3343

Achromatopsia

23.8398, 0.3127, 0.3290

Achromatomaly

24.5112, 0.2967, 0.3307

CSS Examples

Text

The CSS property to change the color of the text to Yxy 25.8843, 0.2750, 0.3343 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(105, 147, 144)` looks like.

```
.text, #text, p{  
    color:rgb(105, 147, 144)  
}
```

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(105, 147, 144) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(105, 147, 144) }
```

Border

The CSS property to change the border of an element to Yxy 25.8843, 0.2750, 0.3343 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(105, 147, 144) }
```

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

```
.border{ border-color:rgb(105, 147, 144) }
```

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

Here you see how a box with a 4 pixel rgb(105, 147, 144) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(105, 147, 144); -webkit-box-  
shadow:4px 4px 4px 4px rgb(105, 147, 144);  
box-shadow:4px 4px 4px 4px rgb(105, 147,  
144) }
```


Background

The CSS property to change the background color of an element to Yxy 25.8843, 0.2750, 0.3343 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(105, 147, 144) }
```

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

```
.background{ background-color: rgb(105,  
147, 144) }
```

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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