

Converting Colors

$Y_{xy}(25.0342, 0.2745, 0.3200)$

Have a look what the booklet for
Yxy(25.0342, 0.2745, 0.3200)
contains.

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Color

$\text{Yxy}(25.0342, 0.2745, 0.3200)$

Conversions

Conversions Part 1

Format	Color
Hex	6D8F94
RGB	109, 143, 148
RGB Percent	43%, 56%, 58%
CMY	0.5726, 0.4392, 0.4195
CMYK	0.26, 0.03, 0.00, 0.42
HSL	188°, 15%, 50%
HSV	188°, 26%, 58%
XYZ	21.4746, 25.0342, 31.7230
YIQ	133.4040, -21.8690, -5.6530

Conversions

Conversions Part 2

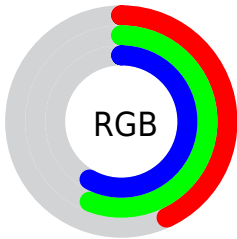
Format	Color
R _{YB}	109, 127, 148
Decimal	7180180
CIE _{Lab}	57.11, -10.59, -6.54
CIE _{LCh}	57, 12.447, 211.684
Y _{xy}	25.0342, 0.2745, 0.3200
Android (android.graphics.Color)	4285370260 (0xFF6D8F94)
Y _{UV}	133.4040, 7.1958, -21.4023
Hunter-Lab	50.0342, -10.9477, -2.5675

Details

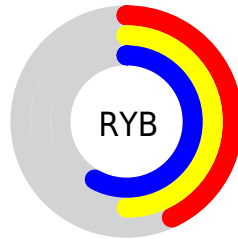
The Yxy color **25.0342, 0.2745, 0.3200** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **19.4375, 0.3648, 0.3378**, and the grayscale version is **23.5899, 0.3127, 0.3290**.

A 20% lighter version of the original color is **51.7738, 0.2823, 0.3224**, and **9.6524, 0.2615, 0.3181** is the 20% darker color. If you saturate the color by 10%, you get **23.6082, 0.2614, 0.3161**, and if you desaturate by 10%, it is **26.6300, 0.2885, 0.3236**.

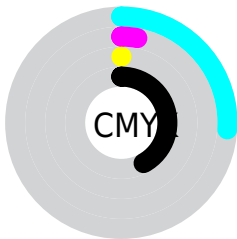
Distribution



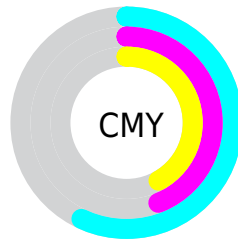
- Red (43%)
- Green (56%)
- Blue (58%)



- Red (43%)
- Yellow (50%)
- Blue (58%)



- Cyan (26%)
- Magenta (3%)
- Yellow (0%)
- Black (42%)




- Cyan (57%)
- Magenta (44%)
- Yellow (42%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 25.0342, 0.2745, 0.3200 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 25.0342, 0.2745, 0.3200 by changing the saturation by 10% instead.


 25.0342, 0.2745,
0.3200


 25.0342, 0.2745,
0.3200


278.0082, 0.2954,
0.3252

 16.1025, 0.2686,
0.3184


 51.7127, 0.2825,
0.3221

 9.5967, 0.2606,
0.3161


 70.2283, 0.2854,
0.3228

 5.1324, 0.2491,
0.3126

 92.7074, 0.2878,
0.3234

 2.3252, 0.2312,
0.3066

 119.5343, 0.2898,
0.3239

 0.7870, 0.1858,
0.2987

151.0934, 0.2915,
0.3243

 0.0000, 0.0000,
0.0000

187.7692, 0.2930,

0.3247

229.9460, 0.2942,
0.3250

■ 25.0342, 0.2745,
0.3200

■ 25.0342, 0.2745,
0.3200

■ 23.6082, 0.2614,
0.3161

■ 26.6300, 0.2885,
0.3236

■ 22.3410, 0.2495,
0.3120

■ 28.3999, 0.3032,
0.3270

■ 21.2249, 0.2391,
0.3078

■ 30.3520, 0.3182,
0.3301

■ 20.2504, 0.2303,
0.3034

■ 32.4927, 0.3334,
0.3329

■ 19.4070, 0.2233,
0.2990

■ 34.8283, 0.3484,
0.3354

■ 18.6821, 0.2182,
0.2946

■ 37.3647, 0.3632,
0.3376

■ 18.0572, 0.2147,
0.2902

■ 40.1075, 0.3777,
0.3395

■ 17.8396, 0.2135,
0.2886

■ 43.0622, 0.3915,
0.3412

■ 46.2340, 0.4049,
0.3427

Harmonies

Analogous

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



25.0342, 0.2864, 0.3401



25.0342, 0.2745, 0.3200



25.0342, 0.2724, 0.3034

Triad

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



25.0342, 0.2745, 0.3200



25.0342, 0.3189, 0.3028



25.0342, 0.3451, 0.3644

Complementary

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



25.0342, 0.2745, 0.3200



19.4375, 0.3648, 0.3378

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.



25.0342, 0.3546, 0.3529



25.0342, 0.2745, 0.3200



25.0342, 0.3392, 0.3178

Square

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



25.0342, 0.2745, 0.3200



25.0342, 0.2975, 0.2943



25.0342, 0.3525, 0.3358



25.0342, 0.3270, 0.3664

Rectangle

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



25.0342, 0.2745, 0.3200



25.0342, 0.2769, 0.2963



25.0342, 0.3525, 0.3358



25.0342, 0.3495, 0.3614

Sweetspot

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



25.0352, 0.2745, 0.3200



49.5147, 0.3005, 0.3264



25.6400, 0.3052, 0.3930



11.2005, 0.2984, 0.3260



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.



25.0352, 0.2745, 0.3200



42.5499, 0.2662, 0.3176



19.7929, 0.2713, 0.2848



6.4365, 0.2990, 0.3261



15.2621, 0.2136, 0.2889



0.2153, 0.2195, 0.3102

Inverse Universe

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



19.2167, 0.3218, 0.2731



30.5225, 0.3244, 0.2597



24.1921, 0.3570, 0.3695



5.8965, 0.3156, 0.3099



6.7341, 0.3553, 0.1731



0.0853, 0.3365, 0.1627

Previews

White Background



This preview shows how the Yxy color 25.0342, 0.2745, 0.3200 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 25.0342, 0.2745, 0.3200 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

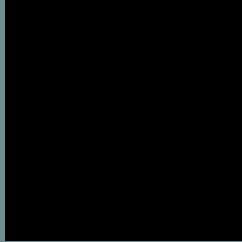
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 25.0342, 0.2745, 0.3200

Background



This preview shows how black text looks on a background with the Yxy color 25.0342, 0.2745, 0.3200.

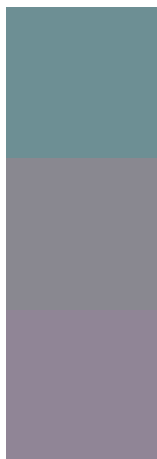


This preview shows how white text looks on a background with the Yxy color 25.0342, 0.2745, 0.3200.

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

25.0342, 0.2745, 0.3200

Protanopia

24.9403, 0.3057, 0.3156

Deuteranopia

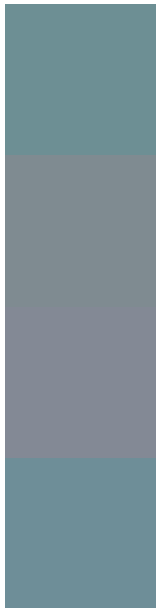
24.9064, 0.3073, 0.3014



Tritanopia

24.9941, 0.2702, 0.3079

Trichromacy



Original Color

25.0342, 0.2745, 0.3200

Protanomaly

25.0216, 0.2941, 0.3187

Deuteranomaly

24.8865, 0.2944, 0.3088

Tritanomaly

24.9280, 0.2719, 0.3113

Monochromacy



Original Color

25.0342, 0.2745, 0.3200

Achromatopsia

23.4551, 0.3127, 0.3290

Achromatomaly

24.0114, 0.2977, 0.3272

CSS Examples

Text

The CSS property to change the color of the text to Yxy 25.0342, 0.2745, 0.3200 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(109, 143, 148)` looks like.

```
.text, #text, p{  
    color:rgb(109, 143, 148)  
}
```

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(109, 143, 148) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(109, 143, 148) }
```

Border

The CSS property to change the border of an element to Yxy 25.0342, 0.2745, 0.3200 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(109, 143, 148) }
```

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

```
.border{ border-color:rgb(109, 143, 148) }
```

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

Here you see how a box with a 4 pixel `rgb(109, 143, 148)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(109, 143, 148); -webkit-box-  
shadow:4px 4px 4px 4px rgb(109, 143, 148);  
box-shadow:4px 4px 4px 4px rgb(109, 143,  
148) }
```


Background

The CSS property to change the background color of an element to Yxy 25.0342, 0.2745, 0.3200 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(109, 143, 148) }
```

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

```
.background{ background-color: rgb(109,  
143, 148) }
```

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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