

Converting Colors

$Y_{xy}(25.1579, 0.2831, 0.3185)$

Have a look what the booklet for
Yxy(25.1579, 0.2831, 0.3185)
contains.

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Color

$\text{Yxy}(25.0079, 0.2835, 0.3185)$

Conversions

Conversions Part 1

Format	Color
Hex	768D93
RGB	118, 141, 147
RGB Percent	46%, 55%, 58%
CMY	0.5373, 0.4470, 0.4236
CMYK	0.20, 0.04, 0.00, 0.42
HSL	192°, 12%, 52%
HSV	192°, 20%, 58%
XYZ	22.2598, 25.0079, 31.2501
YIQ	134.8070, -15.6340, -3.0100

Conversions

Conversions Part 2

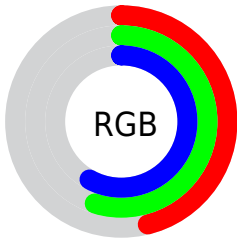
Format	Color
R_{YB}	118, 131, 147
Decimal	7769491
CIE _{Lab}	57.08, -6.81, -5.92
CIE _{LCh}	57, 9.027, 220.979
Yxy	25.0079, 0.2835, 0.3185
Android (android.graphics.Color)	4285959571 (0xFF768D93)
YUV	134.8070, 6.0111, -14.7397
Hunter-Lab	50.0079, -8.0590, -2.0449

Details

The Yxy color **25.0079, 0.2835, 0.3185** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **21.9142, 0.3483, 0.3393**, and the grayscale version is **24.1342, 0.3127, 0.3290**.

A 20% lighter version of the original color is **51.9052, 0.2900, 0.3213**, and **9.5919, 0.2734, 0.3157** is the 20% darker color. If you saturate the color by 10%, you get **23.1780, 0.2693, 0.3125**, and if you desaturate by 10%, it is **27.0246, 0.2982, 0.3241**.

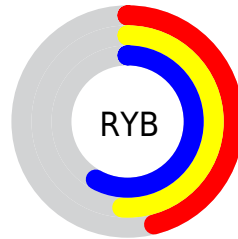
Distribution



Red (46%)

Green (55%)

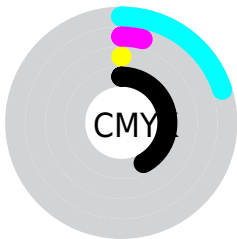
Blue (58%)



Red (46%)

Yellow (51%)

Blue (58%)

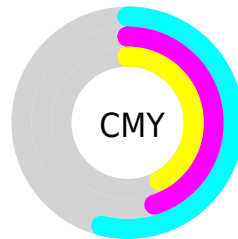


Cyan (20%)

Magenta (4%)

Yellow (0%)

Black (42%)



Cyan (54%)

Magenta (45%)

Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 25.0079, 0.2835, 0.3185 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 25.0079, 0.2835, 0.3185 by changing the saturation by 10% instead.

■ 25.0079, 0.2835,
0.3185

■ 25.0079, 0.2835,
0.3185

■ 277.8773, 0.2995,
0.3244

■ 16.0829, 0.2790,
0.3167

■ 51.6700, 0.2897,
0.3209

■ 9.5829, 0.2728,
0.3143

■ 70.1760, 0.2919,
0.3217

■ 5.1233, 0.2639,
0.3106

■ 92.6444, 0.2937,
0.3224

■ 2.3198, 0.2498,
0.3044

■ 119.4597, 0.2952,
0.3229

■ 0.7841, 0.2174,
0.2944

■ 151.0063, 0.2965,
0.3234

■ 0.0000, 0.0000,
0.0000

187.6684, 0.2977,

0.3238

229.8306, 0.2986,
0.3241

■ 25.0079, 0.2835,
0.3185

■ 25.0079, 0.2835,
0.3185

■ 23.1780, 0.2693,
0.3125

■ 27.0246, 0.2982,
0.3241

■ 21.5243, 0.2560,
0.3060

■ 29.2321, 0.3131,
0.3291

■ 20.0396, 0.2437,
0.2993

■ 31.6382, 0.3281,
0.3337

■ 18.7150, 0.2329,
0.2922

■ 34.2493, 0.3428,
0.3378

■ 17.5406, 0.2236,
0.2849

■ 37.0714, 0.3573,
0.3415

■ 16.5053, 0.2162,
0.2775

■ 40.1103, 0.3712,
0.3447

■ 15.5962, 0.2106,
0.2702

■ 43.3714, 0.3846,
0.3475

■ 14.7809, 0.2064,
0.2629

■ 46.8603, 0.3974,
0.3499

■ 14.7592, 0.2063,
0.2627

■ 50.5819, 0.4095,
0.3521

Harmonies

Analogous

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



25.0079, 0.2902, 0.3326



25.0079, 0.2835, 0.3185



25.0079, 0.2844, 0.3077

Triad

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



25.0079, 0.2835, 0.3185



25.0079, 0.3222, 0.3128



25.0079, 0.3328, 0.3559

Complementary

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



25.0079, 0.2835, 0.3185



21.9142, 0.3483, 0.3393

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.



25.0079, 0.3418, 0.3497



25.0079, 0.2835, 0.3185



25.0079, 0.3356, 0.3249

Square

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



25.0079, 0.2835, 0.3185



25.0079, 0.3064, 0.3049



25.0079, 0.3429, 0.3383



25.0079, 0.3185, 0.3547

Rectangle

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



25.0079, 0.2835, 0.3185



25.0079, 0.2892, 0.3038



25.0079, 0.3429, 0.3383



25.0079, 0.3365, 0.3546

Sweetspot

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



25.0089, 0.2835, 0.3185



49.7951, 0.3036, 0.3259



26.1624, 0.3049, 0.3706



11.3160, 0.3027, 0.3256



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.



25.0089, 0.2835, 0.3185



43.1957, 0.2767, 0.3157



21.0540, 0.2820, 0.2927



6.3614, 0.2990, 0.3243



12.8344, 0.2064, 0.2631



0.1982, 0.2161, 0.2978

Inverse Universe

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



21.0782, 0.3219, 0.2910



34.8356, 0.3245, 0.2815



25.7675, 0.3440, 0.3628



5.8889, 0.3167, 0.3116



6.4890, 0.3794, 0.1864



0.0836, 0.3474, 0.1687

Previews

White Background



This preview shows how the Yxy color 25.0079, 0.2835, 0.3185 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 25.0079, 0.2835, 0.3185 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

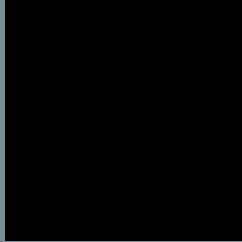
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

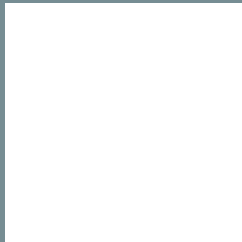
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 25.0079, 0.2835, 0.3185

Background



This preview shows how black text looks on a background with the Yxy color 25.0079, 0.2835, 0.3185.



This preview shows how white text looks on a background with the Yxy color 25.0079, 0.2835, 0.3185.

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

25.0079, 0.2835, 0.3185

Protanopia

24.9403, 0.3057, 0.3156

Deuteranopia

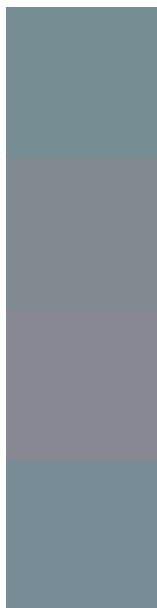
24.9647, 0.3095, 0.3031



Tritanopia

24.9125, 0.2808, 0.3099

Trichromacy



Original Color

25.0079, 0.2835, 0.3185

Protanomaly

24.9671, 0.2972, 0.3171

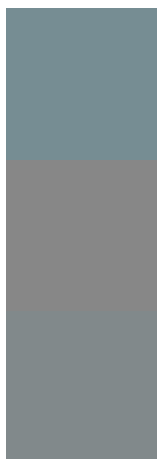
Deuteranomaly

24.8973, 0.2996, 0.3089

Tritanomaly

24.8801, 0.2817, 0.3116

Monochromacy



Original Color

25.0079, 0.2835, 0.3185

Achromatopsia

24.2281, 0.3127, 0.3290

Achromatomaly

24.4225, 0.3020, 0.3255

CSS Examples

Text

The CSS property to change the color of the text to Yxy 25.0079, 0.2835, 0.3185 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(118, 141, 147)` looks like.

```
.text, #text, p{  
    color:rgb(118, 141, 147)  
}
```

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(118, 141, 147) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(118, 141, 147) }
```

Border

The CSS property to change the border of an element to Yxy 25.0079, 0.2835, 0.3185 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(118, 141, 147) }
```

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

```
.border{ border-color:rgb(118, 141, 147) }
```

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

Here you see how a box with a 4 pixel `rgb(118, 141, 147)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(118, 141, 147); -webkit-box-  
shadow:4px 4px 4px 4px rgb(118, 141, 147);  
box-shadow:4px 4px 4px 4px rgb(118, 141,  
147) }
```


Background

The CSS property to change the background color of an element to Yxy 25.0079, 0.2835, 0.3185 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(118, 141, 147) }
```

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

```
.background{ background-color: rgb(118,  
141, 147) }
```

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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