

Converting Colors

$Y_{xy}(25.1485, 0.2742, 0.2806)$

Have a look what the booklet for
Yxy(25.1485, 0.2742, 0.2806)
contains.

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Color

Yxy(25.1934, 0.2742, 0.2800)

Conversions

Conversions Part 1

Format	Color
Hex	7F89A7
RGB	127, 137, 167
RGB Percent	50%, 54%, 65%
CMY	0.5020, 0.4627, 0.3452
CMYK	0.24, 0.18, 0.00, 0.35
HSL	225°, 19%, 58%
HSV	225°, 24%, 65%
XYZ	24.6715, 25.1934, 40.1115
YIQ	137.4300, -15.5900, 7.2100

Conversions

Conversions Part 2

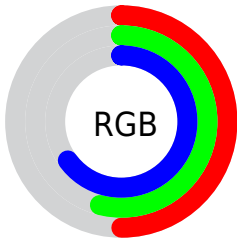
Format	Color
R_{YB}	127, 135, 167
Decimal	8358311
CIE Lab	57.26, 3.16, -17.06
CIE LCh	57, 17.347, 280.495
Yxy	25.1934, 0.2742, 0.2800
Android (android.graphics.Color)	4286548391 (0xFF7F89A7)
YUV	137.4300, 14.5780, -9.1471
Hunter-Lab	50.1930, -0.0991, -12.2462

Details

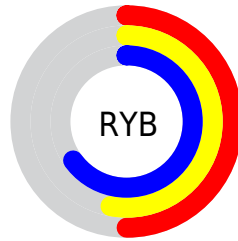
The Yxy color **25.1934, 0.2742, 0.2800** is a dark color, and the websafe version is hex **9999CC**. A complement of this color would be **33.8514, 0.3512, 0.3736**, and the grayscale version is **25.1360, 0.3127, 0.3290**.

A 20% lighter version of the original color is **51.8041, 0.2822, 0.2899**, and **9.6320, 0.2601, 0.2620** is the 20% darker color. If you saturate the color by 10%, you get **20.6613, 0.2563, 0.2557**, and if you desaturate by 10%, it is **30.3531, 0.2912, 0.3021**.

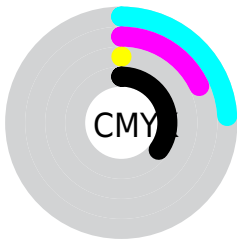
Distribution



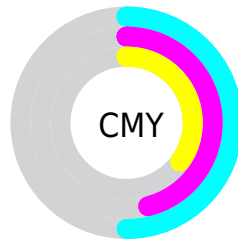
- Red (50%)
- Green (54%)
- Blue (65%)



- Red (50%)
- Yellow (53%)
- Blue (65%)



- Cyan (24%)
- Magenta (18%)
- Yellow (0%)
- Black (35%)



- Cyan (50%)
- Magenta (46%)
- Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 25.1934, 0.2742, 0.2800 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 25.1934, 0.2742, 0.2800 by changing the saturation by 10% instead.

■ 25.1934, 0.2742,
0.2800

■ 25.1934, 0.2742,
0.2800

278.7997, 0.2953,
0.3065

■ 16.2212, 0.2683,
0.2727

■ 51.9708, 0.2823,
0.2902

■ 9.6808, 0.2602,
0.2628

■ 70.5448, 0.2852,
0.2938

■ 5.1878, 0.2487,
0.2488

■ 93.0882, 0.2877,
0.2968

■ 2.3579, 0.2310,
0.2277

119.9853, 0.2897,
0.2994

■ 0.8041, 0.2009,
0.1920

151.6207, 0.2914,
0.3016

■ 0.0000, 0.0000,
0.0000

188.3786, 0.2929,

0.3034

230.6435, 0.2942,
0.3051

■ 25.1934, 0.2742,
0.2800

■ 25.1934, 0.2742,
0.2800

■ 20.6613, 0.2563,
0.2557

■ 30.3531, 0.2912,
0.3021

■ 16.7292, 0.2377,
0.2294

■ 36.1604, 0.3069,
0.3219

■ 13.3719, 0.2193,
0.2018

■ 42.6382, 0.3213,
0.3393

■ 10.5612, 0.2017,
0.1738

■ 49.8075, 0.3343,
0.3546

■ 8.2663, 0.1858,
0.1468

■ 57.6882, 0.3461,
0.3680

■ 6.4529, 0.1727,
0.1220

■ 66.2993, 0.3566,
0.3796

■ 5.0822, 0.1630,
0.1009

■ 75.6594, 0.3661,
0.3897

■ 4.4300, 0.1583,
0.0900

■ 84.7113, 0.3705,
0.3996

■ 92.2225, 0.3665,
0.4107

Harmonies

Analogous

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



25.1934, 0.2593, 0.2884



25.1934, 0.2742, 0.2800



25.1934, 0.2997, 0.2839

Triad

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



25.1934, 0.2742, 0.2800



25.1934, 0.3709, 0.3451



25.1934, 0.2940, 0.3628

Complementary

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



25.1934, 0.2742, 0.2800



33.8514, 0.3512, 0.3736

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.



25.1934, 0.3235, 0.3796



25.1934, 0.2742, 0.2800



25.1934, 0.3687, 0.3674

Square

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



25.1934, 0.2742, 0.2800



25.1934, 0.3565, 0.3203



25.1934, 0.3511, 0.3807



25.1934, 0.2703, 0.3359

Rectangle

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



25.1934, 0.2742, 0.2800



25.1934, 0.3199, 0.2925



25.1934, 0.3511, 0.3807



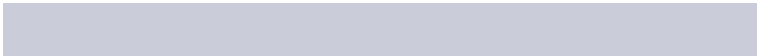
25.1934, 0.3036, 0.3699

Sweetspot

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



25.1944, 0.2742, 0.2800



61.3364, 0.3020, 0.3158



34.5533, 0.2862, 0.3459



13.5929, 0.3011, 0.3147



84.8088, 0.3127, 0.3290



15.4872, 0.3127, 0.3290

Same Dimension

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



25.1944, 0.2742, 0.2800



40.4642, 0.2643, 0.2667



23.2304, 0.2823, 0.2648



7.5943, 0.2986, 0.3116



3.4587, 0.1588, 0.0915



0.1628, 0.1764, 0.1550

Inverse Universe

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



25.1988, 0.3492, 0.3138



40.6772, 0.3606, 0.3101



36.3962, 0.3388, 0.3892



7.5720, 0.3248, 0.3234



6.4202, 0.5888, 0.3017



0.1641, 0.4995, 0.2525

Previews

White Background



This preview shows how the Yxy color 25.1934, 0.2742, 0.2800 looks on a white background.

Color Contrast Check

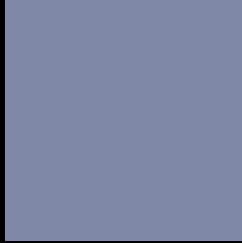
Large Text (above 18pt) WCAG AA ✓ Pass

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 25.1934, 0.2742, 0.2800 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

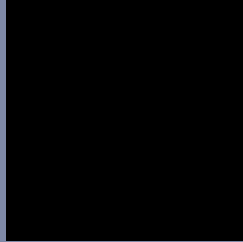
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

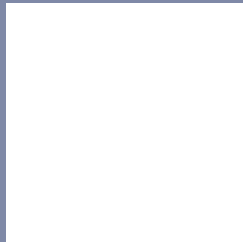
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 25.1934, 0.2742, 0.2800

Background



This preview shows how black text looks on a background with the Yxy color 25.1934, 0.2742, 0.2800.



This preview shows how white text looks on a background with the Yxy color 25.1934, 0.2742, 0.2800.

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

25.1934, 0.2742, 0.2800

Protanopia

25.1868, 0.2788, 0.2803

Deuteranopia

25.0282, 0.2807, 0.2746



Tritanopia

25.2756, 0.2857, 0.3102

Trichromacy



Original Color

25.1934, 0.2742, 0.2800

Protanomaly

25.1073, 0.2778, 0.2802

Deuteranomaly

25.0606, 0.2779, 0.2758

Tritanomaly

25.2595, 0.2812, 0.2987

Monochromacy



Original Color

25.1934, 0.2742, 0.2800

Achromatopsia

25.0158, 0.3127, 0.3290

Achromatomaly

25.0160, 0.2975, 0.3105

CSS Examples

Text

The CSS property to change the color of the text to Yxy 25.1934, 0.2742, 0.2800 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(127, 137, 167)` looks like.

```
.text, #text, p{  
    color:rgb(127, 137, 167)  
}
```

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(127, 137, 167) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(127, 137, 167) }
```

Border

The CSS property to change the border of an element to Yxy 25.1934, 0.2742, 0.2800 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(127, 137, 167) }
```

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

```
.border{ border-color:rgb(127, 137, 167) }
```

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

Here you see how a box with a 4 pixel `rgb(127, 137, 167)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(127, 137, 167); -webkit-box-  
shadow:4px 4px 4px 4px rgb(127, 137, 167);  
box-shadow:4px 4px 4px 4px rgb(127, 137,  
167) }
```


Background

The CSS property to change the background color of an element to Yxy 25.1934, 0.2742, 0.2800 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(127, 137, 167) }
```

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

```
.background{ background-color: rgb(127,  
137, 167) }
```

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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