

Converting Colors

$Y_{xy}(25.8617, 0.2835, 0.3470)$

Have a look what the booklet for
Yxy(25.8617, 0.2835, 0.3470)
contains.

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Color

Yxy(25.8617, 0.2835, 0.3470)

Conversions

Conversions Part 1

Format	Color
Hex	6C9389
RGB	108, 147, 137
RGB Percent	42%, 58%, 54%
CMY	0.5766, 0.4235, 0.4628
CMYK	0.27, 0.00, 0.07, 0.42
HSL	165°, 15%, 50%
HSV	165°, 27%, 58%
XYZ	21.1291, 25.8617, 27.5386
YIQ	134.1990, -20.0340, -11.3780

Conversions

Conversions Part 2

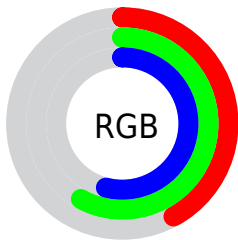
Format	Color
RYB	108, 130, 147
Decimal	7115657
CIELab	57.91, -15.67, 0.94
CIELCh	58, 15.697, 176.557
Yxy	25.8617, 0.2835, 0.3470
Android (android.graphics.Color)	4285305737 (0xFF6C9389)
YUV	134.1990, 1.3809, -22.9765
Hunter-Lab	50.8544, -14.8317, 3.4914

Details

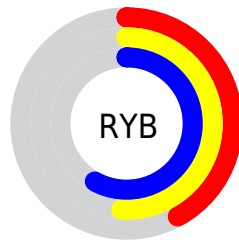
The Yxy color **25.8617, 0.2835, 0.3470** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **18.2296, 0.3535, 0.3118**, and the grayscale version is **23.9151, 0.3127, 0.3290**.

A 20% lighter version of the original color is **52.9646, 0.2897, 0.3434**, and **9.9837, 0.2730, 0.3537** is the 20% darker color. If you saturate the color by 10%, you get **24.9113, 0.2739, 0.3549**, and if you desaturate by 10%, it is **26.9734, 0.2940, 0.3397**.

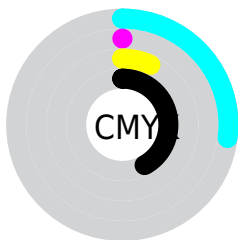
Distribution



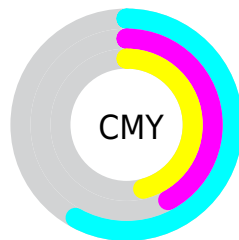
- Red (42%)
- Green (58%)
- Blue (54%)



- Red (42%)
- Yellow (51%)
- Blue (58%)



- Cyan (27%)
- Magenta (0%)
- Yellow (7%)
- Black (42%)




- Cyan (58%)
- Magenta (42%)
- Yellow (46%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 25.8617, 0.2835, 0.3470 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 25.8617, 0.2835, 0.3470 by changing the saturation by 10% instead.


 25.8617, 0.2835,
0.3470


 25.8617, 0.2835,
0.3470


282.1025, 0.2995,
0.3371


 16.7202, 0.2789,
0.3498


 53.0518, 0.2897,
0.3431


 10.0352, 0.2727,
0.3537


 71.8691, 0.2919,
0.3418

 5.4223, 0.2636,
0.3594

 94.6805, 0.2938,
0.3406

 2.4971, 0.2493,
0.3685

 121.8704, 0.2953,
0.3397

 0.8752, 0.2032,
0.3957

153.8231, 0.2966,
0.3389

 0.0000, 0.0000,
0.0000

190.9232, 0.2977,

0.3382

233.5548, 0.2987,
0.3376

■ 25.8617, 0.2835,
0.3470

■ 25.8617, 0.2835,
0.3470

■ 24.9113, 0.2739,
0.3549

■ 26.9734, 0.2940,
0.3397

■ 24.1112, 0.2654,
0.3633

■ 28.2506, 0.3052,
0.3330

■ 23.4540, 0.2584,
0.3721

■ 29.7011, 0.3167,
0.3270

■ 22.9303, 0.2530,
0.3813

■ 31.3314, 0.3284,
0.3216

■ 22.5296, 0.2494,
0.3906

■ 33.1475, 0.3401,
0.3167

■ 22.2398, 0.2478,
0.4000

■ 35.1554, 0.3516,
0.3125

■ 22.0417, 0.2478,
0.4093

■ 37.3604, 0.3629,
0.3087

■ 21.9808, 0.2479,
0.4126

■ 39.7681, 0.3738,
0.3055

■ 42.3835, 0.3842,
0.3026

Harmonies

Analogous

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



25.8617, 0.3081, 0.3677



25.8617, 0.2835, 0.3470



25.8617, 0.2670, 0.3216

Triad

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



25.8617, 0.2835, 0.3470



25.8617, 0.2895, 0.2853



25.8617, 0.3657, 0.3551

Complementary

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



25.8617, 0.2835, 0.3470



18.2296, 0.3535, 0.3118

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.



25.8617, 0.3605, 0.3333



25.8617, 0.2835, 0.3470



25.8617, 0.3156, 0.2942

Square

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



25.8617, 0.2835, 0.3470



25.8617, 0.2704, 0.2870



25.8617, 0.3419, 0.3114



25.8617, 0.3560, 0.3713

Rectangle

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



25.8617, 0.2835, 0.3470



25.8617, 0.2625, 0.3063



25.8617, 0.3419, 0.3114



25.8617, 0.3657, 0.3481

Sweetspot

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



25.8628, 0.2835, 0.3470



50.1966, 0.3034, 0.3341



25.8311, 0.3200, 0.4001



11.3828, 0.3018, 0.3350



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.



25.8628, 0.2835, 0.3470



45.2366, 0.2775, 0.3517



23.4414, 0.2736, 0.3125



6.5371, 0.3022, 0.3347



19.0570, 0.2478, 0.4120



0.2380, 0.2357, 0.3685

Inverse Universe

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



18.2296, 0.3535, 0.3118



29.1555, 0.3663, 0.3077



20.0263, 0.3635, 0.3449



5.8384, 0.3244, 0.3233



5.5012, 0.5851, 0.2997



0.0716, 0.4812, 0.2425

Previews

White Background



This preview shows how the Yxy color 25.8617, 0.2835, 0.3470 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 25.8617, 0.2835, 0.3470 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

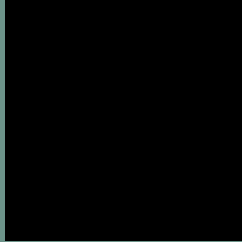
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 25.8617, 0.2835, 0.3470

Background



This preview shows how black text looks on a background with the Yxy color 25.8617, 0.2835, 0.3470.



This preview shows how white text looks on a background with the Yxy color 25.8617, 0.2835, 0.3470.

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

25.8617, 0.2835, 0.3470

Protanopia

25.6825, 0.3245, 0.3390

Deuteranopia

25.6190, 0.3268, 0.3194



Tritanopia

25.7916, 0.2707, 0.3082

Trichromacy



Original Color

25.8617, 0.2835, 0.3470

Protanomaly

25.5168, 0.3079, 0.3411

Deuteranomaly

25.5636, 0.3095, 0.3290

Tritanomaly

25.8002, 0.2758, 0.3219

Monochromacy



Original Color

25.8617, 0.2835, 0.3470

Achromatopsia

23.8398, 0.3127, 0.3290

Achromatomaly

24.5745, 0.3017, 0.3360

CSS Examples

Text

The CSS property to change the color of the text to Yxy 25.8617, 0.2835, 0.3470 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, 147, 137)` looks like.

```
.text, #text, p{  
    color:rgb(108, 147, 137)  
}
```

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, 147, 137) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(108, 147, 137) }
```

Border

The CSS property to change the border of an element to Yxy 25.8617, 0.2835, 0.3470 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, 147, 137) }
```

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

```
.border{ border-color:rgb(108, 147, 137) }
```

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

Here you see how a box with a 4 pixel `rgb(108, 147, 137)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(108, 147, 137); -webkit-box-  
shadow:4px 4px 4px 4px rgb(108, 147, 137);  
box-shadow:4px 4px 4px 4px rgb(108, 147,  
137) }
```


Background

The CSS property to change the background color of an element to Yxy 25.8617, 0.2835, 0.3470 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(108, 147, 137) }
```

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

```
.background{ background-color: rgb(108,  
147, 137) }
```

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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