

Converting Colors

$Y_{xy}(23.5188, 0.2938, 0.3582)$

Have a look what the booklet for
Yxy(23.5188, 0.2938, 0.3582)
contains.

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Color

$Y_{xy}(23.4250, 0.2937, 0.3571)$

Conversions

Conversions Part 1

Format	Color
Hex	6C8C7D
RGB	108, 140, 125
RGB Percent	42%, 55%, 49%
CMY	0.5764, 0.4510, 0.5098
CMYK	0.23, 0.00, 0.11, 0.45
HSL	152°, 13%, 49%
HSV	152°, 23%, 55%
XYZ	19.2661, 23.4250, 22.9068
YIQ	128.7220, -14.2570, -11.4490

Conversions

Conversions Part 2

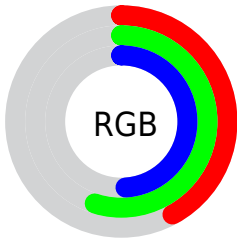
Format	Color
R _Y B	108, 129, 140
Decimal	7113853
CIE Lab	55.51, -14.51, 4.34
CIE LCh	56, 15.144, 163.352
Yxy	23.4250, 0.2937, 0.3571
Android (android.graphics.Color)	4285303933 (0xFF6C8C7D)
YUV	128.7220, -1.8349, -18.1732
Hunter-Lab	48.3994, -13.6443, 5.8184

Details

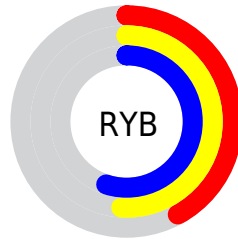
The Yxy color **23.4250, 0.2937, 0.3571** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **17.7365, 0.3370, 0.3026**, and the grayscale version is **21.8629, 0.3127, 0.3290**.

A 20% lighter version of the original color is **49.2715, 0.2976, 0.3506**, and **8.7948, 0.2868, 0.3696** is the 20% darker color. If you saturate the color by 10%, you get **22.4549, 0.2861, 0.3715**, and if you desaturate by 10%, it is **24.5491, 0.3018, 0.3440**.

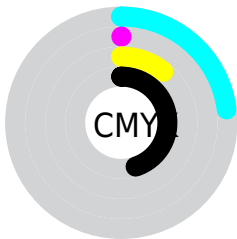
Distribution



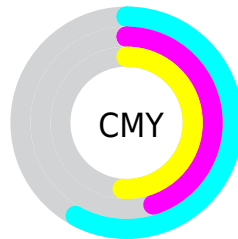
- Red (42%)
- Green (55%)
- Blue (49%)



- Red (42%)
- Yellow (51%)
- Blue (55%)



- Cyan (23%)
- Magenta (0%)
- Yellow (11%)
- Black (45%)




- Cyan (58%)
- Magenta (45%)
- Yellow (51%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 23.4250, 0.2937, 0.3571 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 23.4250, 0.2937, 0.3571 by changing the saturation by 10% instead.


 23.4250, 0.2937,
0.3571


 23.4250, 0.2937,
0.3571


269.9004, 0.3044,
0.3412


 14.9076, 0.2905,
0.3619


 49.0902, 0.2979,
0.3508


 8.7546, 0.2860,
0.3686


 67.0069, 0.2994,
0.3486

 4.5815, 0.2793,
0.3788

 88.8255, 0.3006,
0.3468

 2.0038, 0.2682,
0.3960

 114.9303, 0.3016,
0.3453

 0.6097, 0.1885,
0.5100

145.7058, 0.3025,
0.3440

 0.0000, 0.0000,
0.0000

181.5364, 0.3032,

0.3429

222.8065, 0.3039,
0.3420

■ 23.4250, 0.2937,
0.3571

■ 23.4250, 0.2937,
0.3571

■ 22.4549, 0.2861,
0.3715

■ 24.5491, 0.3018,
0.3440

■ 21.6290, 0.2793,
0.3871

■ 25.8308, 0.3103,
0.3321

■ 20.9407, 0.2736,
0.4037

■ 27.2772, 0.3188,
0.3215

■ 20.3820, 0.2693,
0.4211

■ 28.8940, 0.3273,
0.3121

■ 19.9436, 0.2667,
0.4390

■ 30.6866, 0.3357,
0.3038

■ 19.6154, 0.2659,
0.4569

■ 32.6604, 0.3437,
0.2965

■ 19.3851, 0.2671,
0.4743

■ 34.8203, 0.3515,
0.2901

■ 19.2543, 0.2685,
0.4866

■ 37.1711, 0.3589,
0.2845

■ 39.7175, 0.3660,
0.2796

Harmonies

Analogous

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



23.4250, 0.3200, 0.3732



23.4250, 0.2937, 0.3571



23.4250, 0.2731, 0.3328

Triad

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



23.4250, 0.2937, 0.3571



23.4250, 0.2800, 0.2848



23.4250, 0.3652, 0.3458

Complementary

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



23.4250, 0.2937, 0.3571



17.7365, 0.3370, 0.3026

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.



23.4250, 0.3536, 0.3234



23.4250, 0.2937, 0.3571



23.4250, 0.3037, 0.2892

Square

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



23.4250, 0.2937, 0.3571



23.4250, 0.2655, 0.2914



23.4250, 0.3307, 0.3031



23.4250, 0.3619, 0.3651

Rectangle

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



23.4250, 0.2937, 0.3571



23.4250, 0.2650, 0.3162



23.4250, 0.3307, 0.3031



23.4250, 0.3629, 0.3384

Sweetspot

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



23.4260, 0.2937, 0.3571



44.5335, 0.3066, 0.3371



24.0853, 0.3268, 0.3873



10.2361, 0.3062, 0.3377



71.0566, 0.3127, 0.3290



10.6539, 0.3127, 0.3290

Same Dimension

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



23.4260, 0.2937, 0.3571



40.4596, 0.2900, 0.3638



23.6834, 0.2800, 0.3279



5.6497, 0.3049, 0.3394



17.1128, 0.2683, 0.4858



0.1166, 0.2477, 0.4116

Inverse Universe

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



17.7365, 0.3370, 0.3026



28.7475, 0.3434, 0.2968



17.5018, 0.3573, 0.3301



5.0851, 0.3212, 0.3188



5.3042, 0.5029, 0.2544



0.0382, 0.4112, 0.2039

Previews

White Background



This preview shows how the Yxy color 23.4250, 0.2937, 0.3571 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 23.4250, 0.2937, 0.3571 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

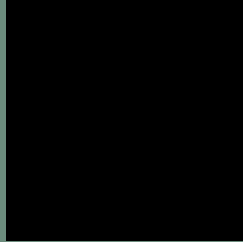
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 23.4250, 0.2937, 0.3571

Background



This preview shows how black text looks on a background with the Yxy color 23.4250, 0.2937, 0.3571.



This preview shows how white text looks on a background with the Yxy color 23.4250, 0.2937, 0.3571.

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

23.4250, 0.2937, 0.3571

Protanopia

23.2863, 0.3317, 0.3482

Deuteranopia

23.1737, 0.3366, 0.3307



Tritanopia

23.4742, 0.2764, 0.3093

Trichromacy



Original Color

23.4250, 0.2937, 0.3571

Protanomaly

23.2451, 0.3173, 0.3524

Deuteranomaly

22.9954, 0.3203, 0.3396

Tritanomaly

23.4499, 0.2827, 0.3253

Monochromacy



Original Color

23.4250, 0.2937, 0.3571

Achromatopsia

21.9526, 0.3127, 0.3290

Achromatomaly

22.3985, 0.3044, 0.3381

CSS Examples

Text

The CSS property to change the color of the text to Yxy 23.4250, 0.2937, 0.3571 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, 140, 125)` looks like.

```
.text, #text, p{  
    color:rgb(108, 140, 125)  
}
```

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, 140, 125) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(108, 140, 125) }
```

Border

The CSS property to change the border of an element to Yxy 23.4250, 0.2937, 0.3571 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, 140, 125) }
```

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

```
.border{ border-color:rgb(108, 140, 125) }
```

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

Here you see how a box with a 4 pixel `rgb(108, 140, 125)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(108, 140, 125); -webkit-box-  
shadow:4px 4px 4px 4px rgb(108, 140, 125);  
box-shadow:4px 4px 4px 4px rgb(108, 140,  
125) }
```


Background

The CSS property to change the background color of an element to Yxy 23.4250, 0.2937, 0.3571 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(108, 140, 125) }
```

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

```
.background{ background-color: rgb(108,  
140, 125) }
```

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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