

Converting Colors

$Y_{xy}(24.4884, 0.2820, 0.3590)$

Have a look what the booklet for
Yxy(24.4884, 0.2820, 0.3590)
contains.

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Color

$Yxy(24.4884, 0.2820, 0.3590)$

Conversions

Conversions Part 1

Format	Color
Hex	639181
RGB	99, 145, 129
RGB Percent	39%, 57%, 51%
CMY	0.6117, 0.4314, 0.4940
CMYK	0.32, 0.00, 0.11, 0.43
HSL	159°, 19%, 48%
HSV	159°, 32%, 57%
XYZ	19.2360, 24.4884, 24.4884
YIQ	129.4220, -22.2800, -14.7280

Conversions

Conversions Part 2

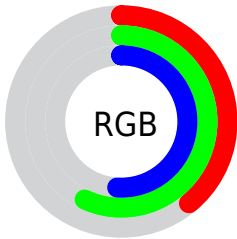
Format	Color
R _Y B	99, 127, 145
Decimal	6525313
CIE Lab	56.57, -19.26, 3.50
CIE LCh	57, 19.573, 169.700
Yxy	24.4884, 0.2820, 0.3590
Android (android.graphics.Color)	4284715393 (0xFF639181)
YUV	129.4220, -0.2080, -26.6801
Hunter-Lab	49.4858, -17.2139, 5.2999

Details

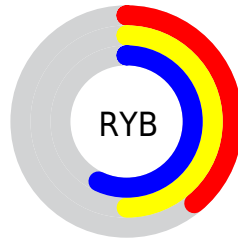
The Yxy color **24.4884, 0.2820, 0.3590** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **16.1849, 0.3579, 0.3011**, and the grayscale version is **22.1177, 0.3127, 0.3290**.

A 20% lighter version of the original color is **50.8036, 0.2885, 0.3521**, and **9.2627, 0.2701, 0.3698** is the 20% darker color. If you saturate the color by 10%, you get **23.6138, 0.2738, 0.3702**, and if you desaturate by 10%, it is **25.5183, 0.2911, 0.3486**.

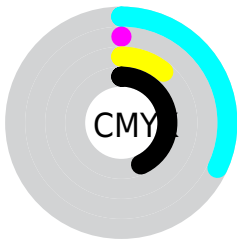
Distribution



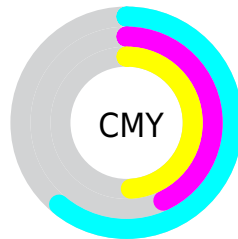
- Red (39%)
- Green (57%)
- Blue (51%)



- Red (39%)
- Yellow (50%)
- Blue (57%)



- Cyan (32%)
- Magenta (0%)
- Yellow (11%)
- Black (43%)





- Cyan (61%)
- Magenta (43%)
- Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 24.4884, 0.2820, 0.3590 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 24.4884, 0.2820, 0.3590 by changing the saturation by 10% instead.


 24.4884, 0.2820,
0.3590


 24.4884, 0.2820,
0.3590


275.2805, 0.2991,
0.3421


 15.6963, 0.2770,
0.3640


 50.8260, 0.2887,
0.3523


 9.3095, 0.2701,
0.3710


 69.1404, 0.2911,
0.3500

 4.9436, 0.2599,
0.3814

 91.3976, 0.2930,
0.3481

 2.2142, 0.2434,
0.3987

 117.9820, 0.2946,
0.3465

 0.7277, 0.1480,
0.4861

149.2782, 0.2960,
0.3452

 0.0000, 0.0000,
0.0000

185.6703, 0.2972,

0.3440

227.5430, 0.2982,
0.3430

■ 24.4884, 0.2820,
0.3590

■ 24.4884, 0.2820,
0.3590

■ 23.6138, 0.2738,
0.3702

■ 25.5183, 0.2911,
0.3486

■ 22.8835, 0.2669,
0.3822

■ 26.7078, 0.3008,
0.3390

■ 22.2898, 0.2614,
0.3947


■ 28.0648, 0.3110,
0.3304


■ 21.8231, 0.2577,
0.4077


■ 29.5957, 0.3213,
0.3226


■ 21.4726, 0.2558,
0.4208


■ 31.3067, 0.3316,
0.3157


 21.2252, 0.2558,
0.4338

 33.2036, 0.3418,
0.3096

 21.0692, 0.2568,
0.4445

 35.2919, 0.3517,
0.3042

 37.5770, 0.3614,
0.2995

 40.0640, 0.3706,
0.2953

Harmonies

Analogous

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



24.4884, 0.3143, 0.3829



24.4884, 0.2820, 0.3590



24.4884, 0.2587, 0.3265

Triad

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



24.4884, 0.2820, 0.3590



24.4884, 0.2768, 0.2735



24.4884, 0.3804, 0.3553

Complementary

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



24.4884, 0.2820, 0.3590



16.1849, 0.3579, 0.3011

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.



24.4884, 0.3695, 0.3274



24.4884, 0.2820, 0.3590



24.4884, 0.3082, 0.2819

Square

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



24.4884, 0.2820, 0.3590



24.4884, 0.2558, 0.2784



24.4884, 0.3425, 0.3012



24.4884, 0.3719, 0.3785

Rectangle

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



24.4884, 0.2820, 0.3590



24.4884, 0.2508, 0.3059



24.4884, 0.3425, 0.3012



24.4884, 0.3789, 0.3462

Sweetspot

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



24.4894, 0.2820, 0.3590



48.1767, 0.3023, 0.3377



24.8038, 0.3253, 0.4145



10.6534, 0.3011, 0.3388



72.9347, 0.3127, 0.3290



11.2805, 0.3127, 0.3290

Same Dimension

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



24.4894, 0.2820, 0.3590



42.7202, 0.2761, 0.3669



22.9041, 0.2672, 0.3161



6.0849, 0.3034, 0.3368



18.0775, 0.2566, 0.4437



0.1770, 0.2404, 0.3856

Inverse Universe

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



16.1849, 0.3579, 0.3011



25.4520, 0.3722, 0.2947



17.2118, 0.3784, 0.3414



5.4531, 0.3230, 0.3214



5.3683, 0.5523, 0.2816



0.0552, 0.4472, 0.2237

Previews

White Background



This preview shows how the Yxy color 24.4884, 0.2820, 0.3590 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 24.4884, 0.2820, 0.3590 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

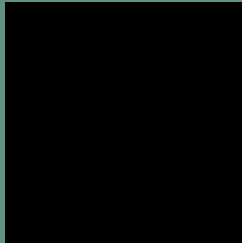
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 24.4884, 0.2820, 0.3590

Background



This preview shows how black text looks on a background with the Yxy color 24.4884, 0.2820, 0.3590.



This preview shows how white text looks on a background with the Yxy color 24.4884, 0.2820, 0.3590.

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

24.4884, 0.2820, 0.3590

Protanopia

24.3335, 0.3312, 0.3496

Deuteranopia

24.2881, 0.3326, 0.3274



Tritanopia

24.5890, 0.2658, 0.3093

Trichromacy



Original Color

24.4884, 0.2820, 0.3590

Protanomaly

24.3059, 0.3115, 0.3540

Deuteranomaly

24.0723, 0.3123, 0.3377

Tritanomaly

24.4833, 0.2717, 0.3271

Monochromacy



Original Color

24.4884, 0.2820, 0.3590

Achromatopsia

21.9526, 0.3127, 0.3290

Achromatomaly

22.7645, 0.3001, 0.3399

CSS Examples

Text

The CSS property to change the color of the text to Yxy 24.4884, 0.2820, 0.3590 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(99, 145, 129) looks like.

```
.text, #text, p{  
    color:rgb(99, 145, 129)  
}
```

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(99, 145, 129) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(99, 145, 129) }
```

Border

The CSS property to change the border of an element to Yxy 24.4884, 0.2820, 0.3590 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(99, 145, 129) }
```

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

```
.border{ border-color:rgb(99, 145, 129) }
```

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

Here you see how a box with a 4 pixel `rgb(99, 145, 129)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(99, 145, 129); -webkit-box-  
shadow:4px 4px 4px 4px rgb(99, 145, 129);  
box-shadow:4px 4px 4px 4px rgb(99, 145,  
129) }
```


Background

The CSS property to change the background color of an element to Yxy 24.4884, 0.2820, 0.3590 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(99, 145, 129) }
```

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

```
.background{ background-color: rgb(99, 145,  
129) }
```

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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