

Converting Colors

$Y_{xy}(25.4818, 0.2998, 0.3529)$

Have a look what the booklet for
Yxy(25.4818, 0.2998, 0.3529)
contains.

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Color

$\text{Yxy}(25.5071, 0.2993, 0.3521)$

Conversions

Conversions Part 1

Format	Color
Hex	779083
RGB	119, 144, 131
RGB Percent	47%, 56%, 51%
CMY	0.5332, 0.4353, 0.4863
CMYK	0.17, 0.00, 0.09, 0.44
HSL	149°, 10%, 52%
HSV	149°, 17%, 56%
XYZ	21.6821, 25.5071, 25.2536
YIQ	135.0430, -10.7270, -9.3430

Conversions

Conversions Part 2

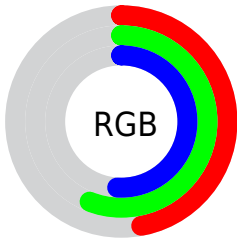
Format	Color
R_{YB}	119, 136, 144
Decimal	7835779
CIE Lab	57.57, -11.59, 3.96
CIE LCh	58, 12.244, 161.142
Yxy	25.5071, 0.2993, 0.3521
Android (android.graphics.Color)	4286025859 (0xFF779083)
YUV	135.0430, -1.9932, -14.0697
Hunter-Lab	50.5046, -11.7511, 5.7067

Details

The Yxy color $25.5071, 0.2993, 0.3521$ is a dark color, and the websafe version is hex 669999 . A complement of this color would be $20.7997, 0.3287, 0.3070$, and the grayscale version is $24.2590, 0.3127, 0.3290$.

A 20% lighter version of the original color is $52.5068, 0.3018, 0.3472$, and $9.9167, 0.2934, 0.3614$ is the 20% darker color. If you saturate the color by 10%, you get $24.3689, 0.2920, 0.3674$, and if you desaturate by 10%, it is $26.8166, 0.3070, 0.3382$.

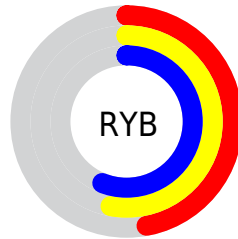
Distribution



 Red (47%)

 Green (56%)

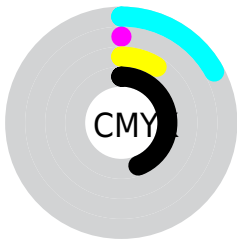
 Blue (51%)



 Red (47%)

 Yellow (53%)

 Blue (56%)

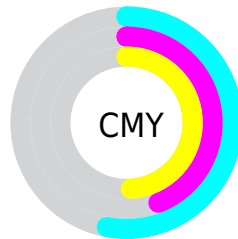


 Cyan (17%)

 Magenta (0%)

 Yellow (9%)

 Black (44%)



 Cyan (53%)


 Magenta (44%)


 Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 25.5071, 0.2993, 0.3521 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 25.5071, 0.2993, 0.3521 by changing the saturation by 10% instead.


 25.5071, 0.2993,
0.3521


 25.5071, 0.2993,
0.3521


280.3540, 0.3068,
0.3392


 16.4553, 0.2971,
0.3559


 52.4787, 0.3022,
0.3470

 9.8469, 0.2941,
0.3611


 71.1673, 0.3033,
0.3453

 5.2976, 0.2896,
0.3689

 93.8368, 0.3041,
0.3438

 2.4229, 0.2824,
0.3816

120.8718, 0.3048,
0.3426

 0.8376, 0.2584,
0.4217

152.6567, 0.3054,
0.3415

 0.0000, 0.0000,
0.0000

189.5757, 0.3059,

0.3407

232.0134, 0.3064,
0.3399

■ 25.5071, 0.2993,
0.3521

■ 25.5071, 0.2993,
0.3521

■ 24.3689, 0.2920,
0.3674

■ 26.8166, 0.3070,
0.3382

■ 23.3915, 0.2852,
0.3842

■ 28.3009, 0.3148,
0.3258

■ 22.5681, 0.2794,
0.4023

■ 29.9674, 0.3226,
0.3148

■ 21.8905, 0.2747,
0.4214

■ 31.8224, 0.3303,
0.3051

■ 21.3493, 0.2716,
0.4411

■ 33.8715, 0.3377,
0.2965

■ 20.9341, 0.2702,
0.4611

■ 36.1203, 0.3449,
0.2890

■ 20.6329, 0.2707,
0.4806

■ 38.5741, 0.3517,
0.2824

■ 20.4244, 0.2728,
0.4994

■ 41.2381, 0.3582,
0.2767

■ 20.3742, 0.2734,
0.5043

■ 44.1171, 0.3643,
0.2717

Harmonies

Analogous

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



25.5071, 0.3202, 0.3639



25.5071, 0.2993, 0.3521



25.5071, 0.2824, 0.3336

Triad

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



25.5071, 0.2993, 0.3521



25.5071, 0.2858, 0.2941



25.5071, 0.3535, 0.3413

Complementary

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



25.5071, 0.2993, 0.3521



20.7997, 0.3287, 0.3070

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.



25.5071, 0.3437, 0.3235



25.5071, 0.2993, 0.3521



25.5071, 0.3042, 0.2968

Square

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



25.5071, 0.2993, 0.3521



25.5071, 0.2748, 0.3002



25.5071, 0.3254, 0.3075



25.5071, 0.3519, 0.3567

Rectangle

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



25.5071, 0.2993, 0.3521



25.5071, 0.2755, 0.3206



25.5071, 0.3254, 0.3075



25.5071, 0.3514, 0.3354

Sweetspot

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



25.5082, 0.2993, 0.3521



47.8583, 0.3087, 0.3354



26.2112, 0.3249, 0.3723



10.9386, 0.3082, 0.3362



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.



25.5082, 0.2993, 0.3521



44.1351, 0.2962, 0.3582



25.8575, 0.2882, 0.3304



6.0697, 0.3056, 0.3407



17.7489, 0.2731, 0.5033



0.1741, 0.2511, 0.4239

Inverse Universe

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



20.7997, 0.3287, 0.3070



34.1489, 0.3333, 0.3015



20.4858, 0.3436, 0.3277



5.4680, 0.3205, 0.3176



5.6103, 0.4820, 0.2429



0.0581, 0.3985, 0.1969

Previews

White Background



This preview shows how the Yxy color 25.5071, 0.2993, 0.3521 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 25.5071, 0.2993, 0.3521 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

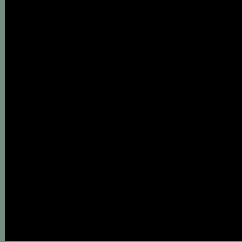
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

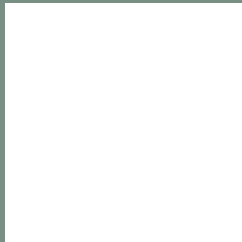
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 25.5071, 0.2993, 0.3521

Background



This preview shows how black text looks on a background with the Yxy color 25.5071, 0.2993, 0.3521.



This preview shows how white text looks on a background with the Yxy color 25.5071, 0.2993, 0.3521.

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

25.5071, 0.2993, 0.3521

Protanopia

25.2633, 0.3300, 0.3458

Deuteranopia

25.2408, 0.3358, 0.3291



Tritanopia

25.5277, 0.2839, 0.3102

Trichromacy



Original Color

25.5071, 0.2993, 0.3521

Protanomaly

25.3830, 0.3183, 0.3497

Deuteranomaly

25.2200, 0.3224, 0.3374

Tritanomaly

25.4972, 0.2902, 0.3255

Monochromacy



Original Color

25.5071, 0.2993, 0.3521

Achromatopsia

24.2281, 0.3127, 0.3290

Achromatomaly

24.5653, 0.3069, 0.3359

CSS Examples

Text

The CSS property to change the color of the text to Yxy 25.5071, 0.2993, 0.3521 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(119, 144, 131)` looks like.

```
.text, #text, p{  
    color:rgb(119, 144, 131)  
}
```

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(119, 144, 131) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(119, 144, 131) }
```

Border

The CSS property to change the border of an element to Yxy 25.5071, 0.2993, 0.3521 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(119, 144, 131) }
```

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

```
.border{ border-color:rgb(119, 144, 131) }
```

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

Here you see how a box with a 4 pixel `rgb(119, 144, 131)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(119, 144, 131); -webkit-box-  
shadow:4px 4px 4px 4px rgb(119, 144, 131);  
box-shadow:4px 4px 4px 4px rgb(119, 144,  
131) }
```


Background

The CSS property to change the background color of an element to Yxy 25.5071, 0.2993, 0.3521 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(119, 144, 131) }
```

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

```
.background{ background-color: rgb(119,  
144, 131) }
```

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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