

Converting Colors

$Y_{xy}(25.2852, 0.2557, 0.3109)$

Have a look what the booklet for
Yxy(25.2852, 0.2557, 0.3109)
contains.

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Color

$\text{Yxy}(25.2852, 0.2557, 0.3109)$

Conversions

Conversions Part 1	
Format	Color
Hex	5D929C
RGB	93, 146, 156
RGB Percent	36%, 57%, 61%
CMY	0.6353, 0.4275, 0.3881
CMYK	0.40, 0.06, 0.00, 0.39
HSL	190°, 25%, 49%
HSV	190°, 40%, 61%
XYZ	20.7958, 25.2852, 35.2480
YIQ	131.2930, -34.7980, -8.1260

Conversions

Conversions Part 2

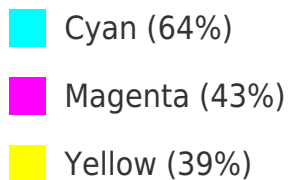
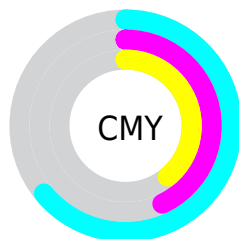
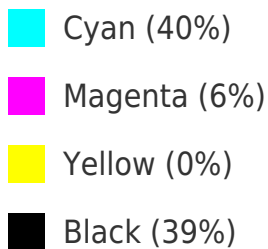
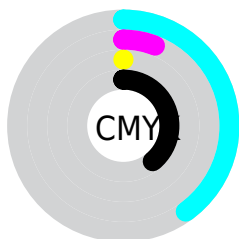
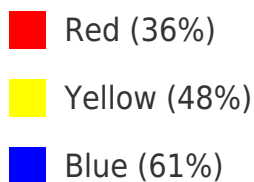
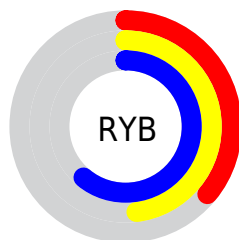
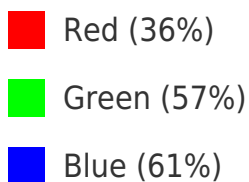
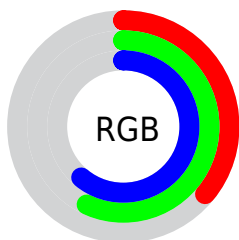
Format	Color
RYB	93, 122, 156
Decimal	6132380
CIELab	57.35, -14.88, -10.86
CIELCh	57, 18.424, 216.107
Yxy	25.2852, 0.2557, 0.3109
Android (android.graphics.Color)	4284322460 (0xFF5D929C)
YUV	131.2930, 12.1806, -33.5830
Hunter-Lab	50.2844, -14.1764, -6.3616

Details

The Yxy color $25.2852, 0.2557, 0.3109$ is a dark color, and the websafe version is hex 669999 . A complement of this color would be $17.5682, 0.4046, 0.3460$, and the grayscale version is $22.7735, 0.3127, 0.3290$.

A 20% lighter version of the original color is $52.0727, 0.2677, 0.3158$, and $9.6758, 0.2357, 0.3017$ is the 20% darker color. If you saturate the color by 10%, you get $23.7962, 0.2440, 0.3057$, and if you desaturate by 10%, it is $26.9589, 0.2686, 0.3159$.


Distribution



Brightness & Saturation Gradients

These gradients show how the Yxy color 25.2852, 0.2557, 0.3109 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 25.2852, 0.2557, 0.3109 by changing the saturation by 10% instead.


 25.2852, 0.2557,
0.3109


 25.2852, 0.2557,
0.3109


279.2553, 0.2865,
0.3214


 16.2897, 0.2472,
0.3077


 52.1195, 0.2675,
0.3151


 9.7294, 0.2357,
0.3031


 70.7271, 0.2718,
0.3166

 5.2199, 0.2194,
0.2962


 93.3075, 0.2753,
0.3178

 2.3768, 0.1949,
0.2846

 120.2451, 0.2782,
0.3188

 0.8139, 0.1348,
0.2675

151.9242, 0.2808,
0.3196

 0.0000, 0.0000,
0.0000


188.7294, 0.2830,


0.3203


231.0450, 0.2849,
0.3209

 25.2852, 0.2557,
0.3109


 25.2852, 0.2557,
0.3109

 23.7962, 0.2440,
0.3057


 26.9589, 0.2686,
0.3159


 22.4787, 0.2338,
0.3003


 28.8238, 0.2826,
0.3206

 21.3223, 0.2254,
0.2947

 30.8895, 0.2971,
0.3249

 20.3140, 0.2188,
0.2891

 33.1643, 0.3121,
0.3289

 19.4388, 0.2140,
0.2836

 35.6557, 0.3273,
0.3325

■ 18.6878, 0.2106,
0.2783

■ 38.3712, 0.3423,
0.3357

■ 41.3175, 0.3571,
0.3385

■ 44.5013, 0.3715,
0.3411

■ 47.9289, 0.3854,
0.3433

Harmonies

Analogous

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



25.2852, 0.2708, 0.3407



25.2852, 0.2557, 0.3109



25.2852, 0.2550, 0.2883

Triad

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



25.2852, 0.2557, 0.3109



25.2852, 0.3263, 0.2938



25.2852, 0.3569, 0.3826

Complementary

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



25.2852, 0.2557, 0.3109



17.5682, 0.4046, 0.3460

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.



25.2852, 0.3736, 0.3665



25.2852, 0.2557, 0.3109



25.2852, 0.3557, 0.3160

Square

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



25.2852, 0.2557, 0.3109



25.2852, 0.2944, 0.2799



25.2852, 0.3733, 0.3421



25.2852, 0.3287, 0.3841

Rectangle

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



25.2852, 0.2557, 0.3109



25.2852, 0.2627, 0.2797



25.2852, 0.3733, 0.3421



25.2852, 0.3641, 0.3786

Sweetspot

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



25.2862, 0.2557, 0.3109



55.3626, 0.2944, 0.3241



27.0816, 0.2997, 0.4310



12.0826, 0.2927, 0.3236



78.7412, 0.3127, 0.3290



13.2868, 0.3127, 0.3290

Same Dimension

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



25.2862, 0.2557, 0.3109



43.5749, 0.2456, 0.3064



17.0047, 0.2466, 0.2518



7.3296, 0.2988, 0.3254



15.4292, 0.2107, 0.2787



0.3198, 0.2169, 0.3008

Inverse Universe

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



16.9757, 0.3304, 0.2458



26.8109, 0.3352, 0.2293



24.9027, 0.3843, 0.3953



6.7364, 0.3160, 0.3104



7.1798, 0.3647, 0.1783



0.1328, 0.3447, 0.1673

Previews

White Background



This preview shows how the Yxy color 25.2852, 0.2557, 0.3109 looks on a white background.

Color Contrast Check

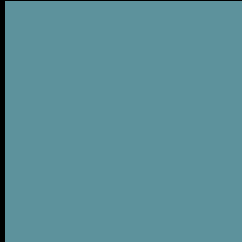
Large Text (above 18pt) WCAG AA ✓ Pass

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 25.2852, 0.2557, 0.3109 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

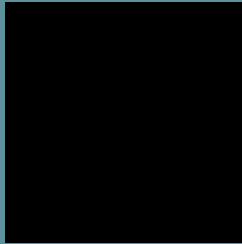
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 25.2852, 0.2557, 0.3109

Background



This preview shows how black text looks on a background with the Yxy color 25.2852, 0.2557, 0.3109.

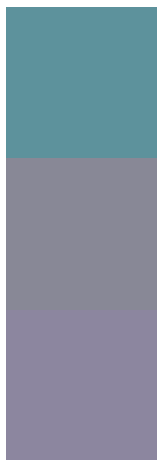


This preview shows how white text looks on a background with the Yxy color 25.2852, 0.2557, 0.3109.

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

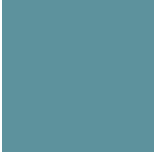
25.2852, 0.2557, 0.3109

Protanopia

25.0446, 0.2987, 0.3058

Deuteranopia

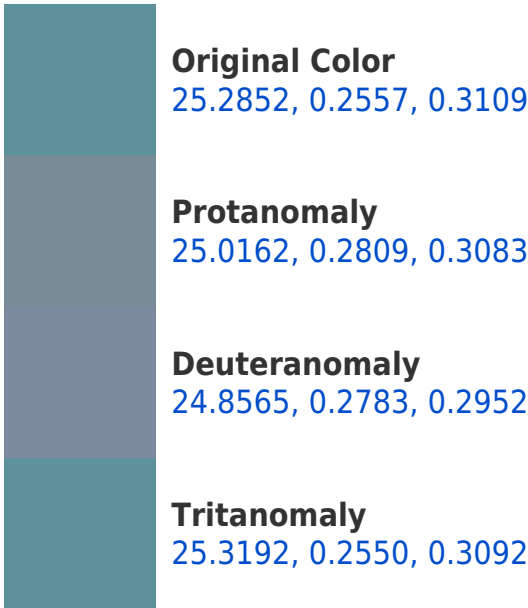
25.1288, 0.2941, 0.2887



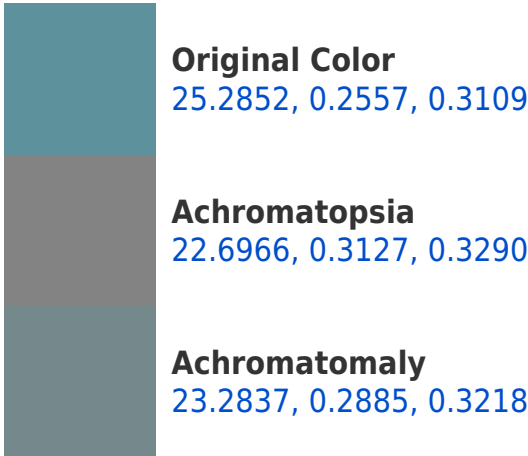
Tritanopia

25.3192, 0.2550, 0.3092

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Yxy 25.2852, 0.2557, 0.3109 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(93, 146, 156) looks like.

```
.text, #text, p{  
    color:rgb(93, 146, 156)  
}
```

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(93, 146, 156) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(93, 146, 156) }
```

Border

The CSS property to change the border of an element to Yxy 25.2852, 0.2557, 0.3109 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(93, 146, 156) }
```

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

```
.border{ border-color:rgb(93, 146, 156) }
```

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

Here you see how a box with a 4 pixel rgb(93, 146, 156) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(93, 146, 156); -webkit-box-  
shadow:4px 4px 4px 4px rgb(93, 146, 156);  
box-shadow:4px 4px 4px 4px rgb(93, 146,  
156) }
```


Background

The CSS property to change the background color of an element to Yxy 25.2852, 0.2557, 0.3109 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(93, 146, 156) }
```

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

```
.background{ background-color: rgb(93, 146,  
156) }
```

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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