

Converting Colors

$Y_{xy}(29.9358, 0.2562, 0.3252)$

Have a look what the booklet for
Yxy(29.9358, 0.2562, 0.3252)
contains.

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Color

$Y_{xy}(29.7846, 0.2558, 0.3237)$

Conversions

Conversions Part 1

Format	Color
Hex	5E9FA2
RGB	94, 159, 162
RGB Percent	37%, 62%, 64%
CMY	0.6313, 0.3765, 0.3647
CMYK	0.42, 0.02, 0.00, 0.36
HSL	183°, 27%, 50%
HSV	183°, 42%, 64%
XYZ	23.5369, 29.7846, 38.6915
YIQ	139.9070, -39.7030, -12.8470

Conversions

Conversions Part 2

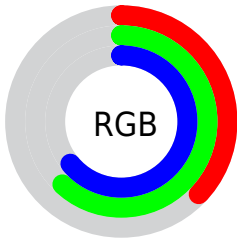
Format	Color
R_{YB}	94, 127, 162
Decimal	6201250
CIE _{Lab}	61.47, -19.93, -8.09
CIE _{LCh}	61, 21.511, 202.106
Yxy	29.7846, 0.2558, 0.3237
Android (android.graphics.Color)	4284391330 (0xFF5E9FA2)
YUV	139.9070, 10.8918, -40.2604
Hunter-Lab	54.5753, -18.5242, -3.8313

Details

The Yxy color $29.7846, 0.2558, 0.3237$ is a dark color, and the websafe version is hex 669999 . A complement of this color would be $17.0428, 0.4156, 0.3341$, and the grayscale version is $26.1579, 0.3127, 0.3290$.

A 20% lighter version of the original color is $59.3988, 0.2670, 0.3251$, and $12.0725, 0.2370, 0.3211$ is the 20% darker color. If you saturate the color by 10%, you get $28.7719, 0.2456, 0.3223$, and if you desaturate by 10%, it is $30.9808, 0.2676, 0.3251$.

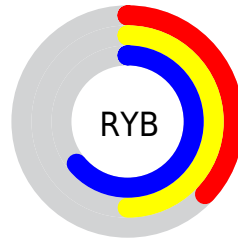
Distribution



Red (37%)

Green (62%)

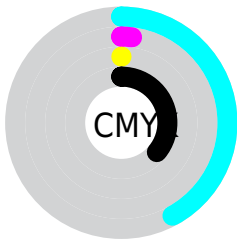
Blue (64%)



Red (37%)

Yellow (50%)

Blue (64%)

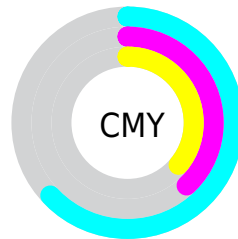


Cyan (42%)

Magenta (2%)

Yellow (0%)

Black (36%)



Cyan (63%)


Magenta (38%)

Yellow (36%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 29.7846, 0.2558, 0.3237 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 29.7846, 0.2558, 0.3237 by changing the saturation by 10% instead.


 29.7846, 0.2558,
0.3237


 29.7846, 0.2558,
0.3237


300.8991, 0.2859,
0.3271


 19.6752, 0.2478,
0.3225


 59.3214, 0.2671,
0.3252

 12.1591, 0.2371,
0.3208


 79.5175, 0.2713,
0.3256

 6.8521, 0.2223,
0.3181


 103.8446, 0.2747,
0.3260

 3.3698, 0.2006,
0.3133

 132.6871, 0.2776,
0.3263

 1.3277, 0.1648,
0.3039

166.4294, 0.2801,
0.3266

 0.1625, 0.0000,
0.1795

205.4560, 0.2823,

 0.0000, 0.0000,

0.3268

0.0000

250.1511, 0.2842,
0.3270

■ 29.7846, 0.2558,
0.3237

■ 29.7846, 0.2558,
0.3237

■ 28.7719, 0.2456,
0.3223

■ 30.9808, 0.2676,
0.3251

■ 27.9278, 0.2371,
0.3208

■ 32.3675, 0.2807,
0.3264

■ 27.2410, 0.2304,
0.3193


■ 33.9552, 0.2948,
0.3276


■ 26.6969, 0.2256,
0.3179


■ 35.7529, 0.3097,
0.3288


■ 26.2786, 0.2225,
0.3165


■ 37.7691, 0.3251,
0.3298

 26.0014, 0.2209,
0.3153

 40.0116, 0.3407,
0.3308

 42.4880, 0.3563,
0.3316

 45.2054, 0.3717,
0.3324

 48.1707, 0.3867,
0.3331

Harmonies

Analogous

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



29.7846, 0.2787, 0.3574



29.7846, 0.2558, 0.3237



29.7846, 0.2476, 0.2940

Triad

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



29.7846, 0.2558, 0.3237



29.7846, 0.3109, 0.2819



29.7846, 0.3722, 0.3813

Complementary

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



29.7846, 0.2558, 0.3237



17.0428, 0.4156, 0.3341

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.



29.7846, 0.3825, 0.3582



29.7846, 0.2558, 0.3237



29.7846, 0.3460, 0.3024

Square

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



29.7846, 0.2558, 0.3237



29.7846, 0.2780, 0.2722



29.7846, 0.3728, 0.3296



29.7846, 0.3458, 0.3916

Rectangle

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



29.7846, 0.2558, 0.3237



29.7846, 0.2511, 0.2805



29.7846, 0.3728, 0.3296



29.7846, 0.3777, 0.3747

Sweetspot

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



29.7858, 0.2558, 0.3237



61.2513, 0.2930, 0.3275



29.0718, 0.3051, 0.4511



13.6145, 0.2899, 0.3272



82.7571, 0.3127, 0.3290



14.7319, 0.3127, 0.3290

Same Dimension

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



29.7858, 0.2558, 0.3237



52.4041, 0.2465, 0.3224



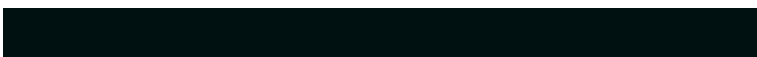
19.8454, 0.2461, 0.2630



7.9574, 0.2988, 0.3280



20.5009, 0.2210, 0.3154



0.4460, 0.2224, 0.3206

Inverse Universe

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



18.1932, 0.3212, 0.2322



28.7210, 0.3232, 0.2136



24.5287, 0.3929, 0.3864



7.1968, 0.3144, 0.3078



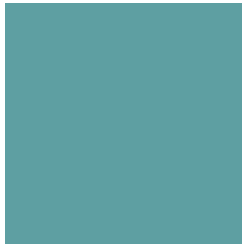
7.9137, 0.3321, 0.1603



0.1678, 0.3277, 0.1579

Previews

White Background



This preview shows how the Yxy color 29.7846, 0.2558, 0.3237 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 29.7846, 0.2558, 0.3237 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

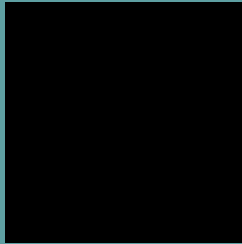
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 29.7846, 0.2558, 0.3237

Background



This preview shows how black text looks on a background with the Yxy color 29.7846, 0.2558, 0.3237.

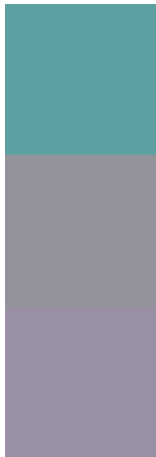


This preview shows how white text looks on a background with the Yxy color 29.7846, 0.2558, 0.3237.

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

29.7846, 0.2558, 0.3237

Protanopia

29.5299, 0.3061, 0.3165

Deuteranopia

29.5332, 0.3029, 0.2973



Tritanopia

29.8428, 0.2515, 0.3087

Trichromacy



Original Color

29.7846, 0.2558, 0.3237

Protanomaly

29.1910, 0.2843, 0.3175

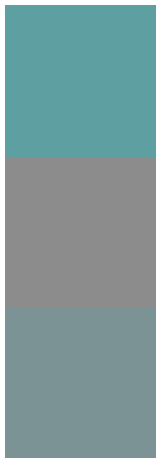
Deuteranomaly

29.0808, 0.2828, 0.3050

Tritanomaly

29.6766, 0.2528, 0.3136

Monochromacy



Original Color

29.7846, 0.2558, 0.3237

Achromatopsia

26.2251, 0.3127, 0.3290

Achromatomaly

27.2165, 0.2879, 0.3272

CSS Examples

Text

The CSS property to change the color of the text to Yxy 29.7846, 0.2558, 0.3237 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(94, 159, 162)` looks like.

```
.text, #text, p{  
    color:rgb(94, 159, 162)  
}
```

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(94, 159, 162) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(94, 159, 162) }
```

Border

The CSS property to change the border of an element to Yxy 29.7846, 0.2558, 0.3237 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(94, 159, 162) }
```

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

```
.border{ border-color:rgb(94, 159, 162) }
```

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

Here you see how a box with a 4 pixel `rgb(94, 159, 162)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(94, 159, 162); -webkit-box-  
shadow:4px 4px 4px 4px rgb(94, 159, 162);  
box-shadow:4px 4px 4px 4px rgb(94, 159,  
162) }
```


Background

The CSS property to change the background color of an element to Yxy 29.7846, 0.2558, 0.3237 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(94, 159, 162) }
```

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

```
.background{ background-color: rgb(94, 159,  
162) }
```

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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