

Converting Colors

$Y_{xy}(27.9601, 0.2634, 0.3109)$

Have a look what the booklet for
Yxy(27.9601, 0.2634, 0.3109)
contains.

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Color

Yxy(27.8677, 0.2633, 0.3102)

Conversions

Conversions Part 1

Format	Color
Hex	6B97A2
RGB	107, 151, 162
RGB Percent	42%, 59%, 64%
CMY	0.5803, 0.4079, 0.3647
CMYK	0.34, 0.07, 0.00, 0.36
HSL	192°, 23%, 53%
HSV	192°, 34%, 64%
XYZ	23.6543, 27.8677, 38.3158
YIQ	139.0980, -29.7550, -5.9070

Conversions

Conversions Part 2

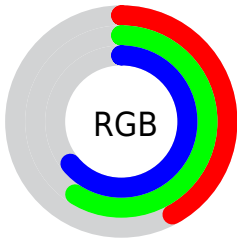
Format	Color
RYB	107, 131, 162
Decimal	7051170
CIELab	59.77, -12.09, -10.56
CIELCh	60, 16.052, 221.157
Yxy	27.8677, 0.2633, 0.3102
Android (android.graphics.Color)	4285241250 (0xFF6B97A2)
YUV	139.0980, 11.2907, -28.1499
Hunter-Lab	52.7899, -12.3992, -6.0808

Details

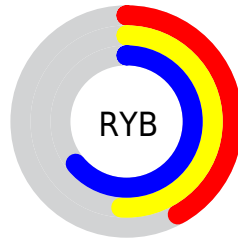
The Yxy color $27.8677, 0.2633, 0.3102$ is a dark color, and the websafe version is hex 669999 . A complement of this color would be $21.7094, 0.3841, 0.3468$, and the grayscale version is $25.8256, 0.3127, 0.3290$.

A 20% lighter version of the original color is $56.1460, 0.2731, 0.3138$, and $11.0809, 0.2466, 0.3036$ is the 20% darker color. If you saturate the color by 10%, you get $25.9269, 0.2504, 0.3037$, and if you desaturate by 10%, it is $30.0275, 0.2772, 0.3163$.

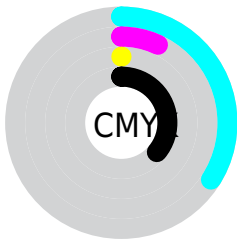
Distribution



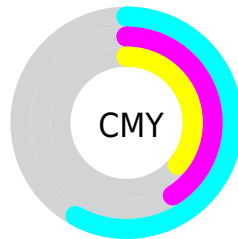
- Red (42%)
- Green (59%)
- Blue (64%)



- Red (42%)
- Yellow (51%)
- Blue (64%)



- Cyan (34%)
- Magenta (7%)
- Yellow (0%)
- Black (36%)



- Cyan (58%)
- Magenta (41%)
- Yellow (36%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 27.8677, 0.2633, 0.3102 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 27.8677, 0.2633, 0.3102 by changing the saturation by 10% instead.


 27.8677, 0.2633,
0.3102


 27.8677, 0.2633,
0.3102


291.8342, 0.2897,
0.3208


 18.2260, 0.2561,
0.3071


 56.2732, 0.2733,
0.3144

 11.1123, 0.2465,
0.3028


 75.8056, 0.2770,
0.3158

 6.1424, 0.2331,
0.2964

 99.4038, 0.2800,
0.3170

 2.9319, 0.2130,
0.2862

 127.4521, 0.2825,
0.3181

 1.0963, 0.1791,
0.2679

160.3349, 0.2847,
0.3189

 0.0000, 0.0000,
0.0000

198.4366, 0.2866,

0.3196

242.1416, 0.2883,
0.3203

■ 27.8677, 0.2633,
0.3102

■ 27.8677, 0.2633,
0.3102

■ 25.9269, 0.2504,
0.3037

■ 30.0275, 0.2772,
0.3163

■ 24.1912, 0.2387,
0.2970

■ 32.4131, 0.2918,
0.3219

■ 22.6498, 0.2286,
0.2899

■ 35.0347, 0.3068,
0.3271

■ 21.2895, 0.2202,
0.2828

■ 37.9010, 0.3219,
0.3318

■ 20.0953, 0.2137,
0.2756

■ 41.0204, 0.3369,
0.3360

■ 19.0493, 0.2090,
0.2684

■ 44.4006, 0.3516,
0.3398

■ 18.4595, 0.2067,
0.2641

■ 48.0490, 0.3659,
0.3431

■ 51.9728, 0.3797,
0.3460

■ 56.1789, 0.3929,
0.3485

Harmonies

Analogous

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



27.8677, 0.2743, 0.3347



27.8677, 0.2633, 0.3102



27.8677, 0.2649, 0.2924

Triad

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



27.8677, 0.2633, 0.3102



27.8677, 0.3288, 0.3018



27.8677, 0.3467, 0.3753

Complementary

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



27.8677, 0.2633, 0.3102



21.7094, 0.3841, 0.3468

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.



27.8677, 0.3626, 0.3639



27.8677, 0.2633, 0.3102



27.8677, 0.3523, 0.3218

Square

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



27.8677, 0.2633, 0.3102



27.8677, 0.3017, 0.2886



27.8677, 0.3648, 0.3442



27.8677, 0.3219, 0.3738

Rectangle

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



27.8677, 0.2633, 0.3102



27.8677, 0.2728, 0.2861



27.8677, 0.3648, 0.3442



27.8677, 0.3533, 0.3728

Sweetspot

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



27.8688, 0.2633, 0.3102



60.5713, 0.2974, 0.3239



30.2782, 0.2994, 0.4072



13.4635, 0.2954, 0.3232



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.



27.8688, 0.2633, 0.3102



47.7930, 0.2530, 0.3052



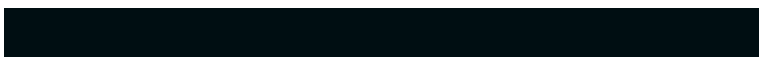
20.0323, 0.2571, 0.2609



7.7692, 0.2988, 0.3244



14.6035, 0.2069, 0.2647



0.3647, 0.2140, 0.2905

Inverse Universe

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



20.4378, 0.3299, 0.2619



32.4878, 0.3350, 0.2465



29.1514, 0.3702, 0.3887



7.1778, 0.3166, 0.3112



7.3184, 0.3778, 0.1855



0.1596, 0.3539, 0.1723

Previews

White Background



This preview shows how the Yxy color 27.8677, 0.2633, 0.3102 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 27.8677, 0.2633, 0.3102 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

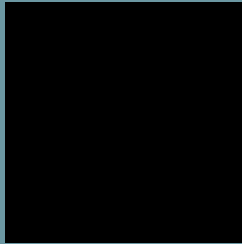
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 27.8677, 0.2633, 0.3102

Background



This preview shows how black text looks on a background with the Yxy color 27.8677, 0.2633, 0.3102.



This preview shows how white text looks on a background with the Yxy color 27.8677, 0.2633, 0.3102.

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

27.8677, 0.2633, 0.3102

Protanopia

27.8300, 0.2983, 0.3067

Deuteranopia

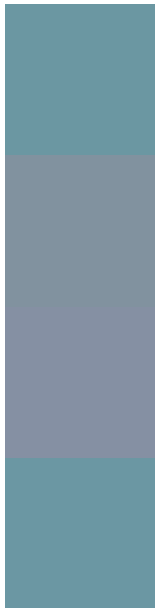
27.7324, 0.2978, 0.2919



Tritanopia

27.9034, 0.2625, 0.3086

Trichromacy



Original Color

27.8677, 0.2633, 0.3102

Protanomaly

27.7281, 0.2839, 0.3077

Deuteranomaly

27.5774, 0.2841, 0.2984

Tritanomaly

27.9034, 0.2625, 0.3086

Monochromacy



Original Color

27.8677, 0.2633, 0.3102

Achromatopsia

25.8183, 0.3127, 0.3290

Achromatomaly

26.2635, 0.2925, 0.3222

CSS Examples

Text

The CSS property to change the color of the text to Yxy 27.8677, 0.2633, 0.3102 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(107, 151, 162)` looks like.

```
.text, #text, p{  
    color:rgb(107, 151, 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(107, 151, 162) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(107, 151, 162) }
```

Border

The CSS property to change the border of an element to Yxy 27.8677, 0.2633, 0.3102 is called "border". The border property can be set on classes, ids or directly on the HTML element.

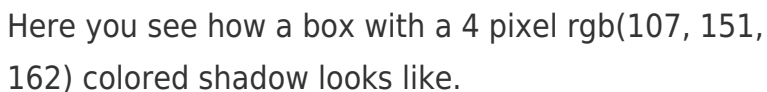
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(107, 151, 162) }
```

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

```
.border{ border-color:rgb(107, 151, 162) }
```

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



Here you see how a box with a 4 pixel `rgb(107, 151, 162)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(107, 151, 162); -webkit-box-shadow:4px 4px 4px 4px rgb(107, 151, 162); box-shadow:4px 4px 4px 4px rgb(107, 151, 162) }
```


Background

The CSS property to change the background color of an element to Yxy 27.8677, 0.2633, 0.3102 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(107, 151, 162) }
```

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

```
.background{ background-color: rgb(107,  
151, 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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