

Converting Colors

$Yxy(30.8711, 0.2680, 0.3077)$

Have a look what the booklet for
Yxy(30.8711, 0.2680, 0.3077)
contains.

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Color

Yxy(30.9382, 0.2680, 0.3080)

Conversions

Conversions Part 1

Format	Color
Hex	779DAA
RGB	119, 157, 170
RGB Percent	47%, 62%, 67%
CMY	0.5334, 0.3843, 0.3333
CMYK	0.30, 0.08, 0.00, 0.33
HSL	195°, 23%, 57%
HSV	195°, 30%, 67%
XYZ	26.9203, 30.9382, 42.5902
YIQ	147.1200, -26.8210, -4.0130

Conversions

Conversions Part 2

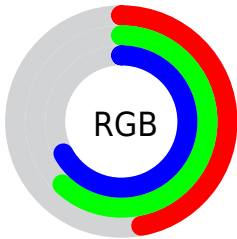
Format	Color
R _Y B	119, 141, 170
Decimal	7839146
CIE Lab	62.46, -9.81, -11.00
CIE LCh	62, 14.738, 228.271
Yxy	30.9382, 0.2680, 0.3080
Android (android.graphics.Color)	4286029226 (0xFF779DAA)
YUV	147.1200, 11.2798, -24.6612
Hunter-Lab	55.6221, -10.9474, -6.4633

Details

The Yxy color **30.9382, 0.2680, 0.3080** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **26.3823, 0.3725, 0.3490**, and the grayscale version is **29.1906, 0.3127, 0.3290**.

A 20% lighter version of the original color is **61.2939, 0.2768, 0.3133**, and **12.8450, 0.2531, 0.3008** is the 20% darker color. If you saturate the color by 10%, you get **28.4012, 0.2541, 0.2998**, and if you desaturate by 10%, it is **33.7449, 0.2826, 0.3156**.

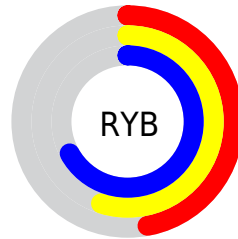
Distribution



Red (47%)

Green (62%)

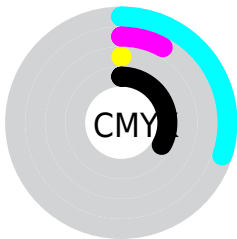
Blue (67%)



Red (47%)

Yellow (55%)

Blue (67%)

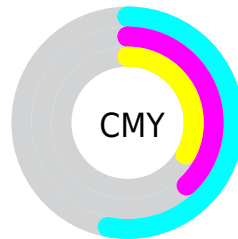


Cyan (30%)

Magenta (8%)

Yellow (0%)

Black (33%)



Cyan (53%)

Magenta (38%)

Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 30.9382, 0.2680, 0.3080 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 30.9382, 0.2680, 0.3080 by changing the saturation by 10% instead.

■ 30.9382, 0.2680,
0.3080

■ 30.9382, 0.2680,
0.3080

■ 306.2535, 0.2915,
0.3195

■ 20.5518, 0.2617,
0.3048

■ 61.1428, 0.2768,
0.3124

■ 12.7968, 0.2534,
0.3004

■ 81.7297, 0.2801,
0.3140

■ 7.2888, 0.2419,
0.2941

■ 106.4856, 0.2828,
0.3153

■ 3.6433, 0.2250,
0.2843

■ 135.7949, 0.2851,
0.3164

■ 1.4761, 0.1980,
0.2675

■ 170.0419, 0.2870,
0.3174

■ 0.2718, 0.0139,
0.2000

■ 209.6111, 0.2887,

■ 0.0000, 0.0000,

0.3182

0.0000

254.8868, 0.2902,
0.3189

■ 30.9382, 0.2680,
0.3080

■ 30.9382, 0.2680,
0.3080

■ 28.4012, 0.2541,
0.2998

■ 33.7449, 0.2826,
0.3156

■ 26.1181, 0.2413,
0.2912

■ 36.8288, 0.2976,
0.3226

■ 24.0772, 0.2298,
0.2821

■ 40.2016, 0.3127,
0.3290

■ 22.2640, 0.2200,
0.2728

■ 43.8729, 0.3277,
0.3347

■ 20.6621, 0.2120,
0.2634

■ 47.8523, 0.3424,
0.3399

■ 19.2524, 0.2059,
0.2540

■ 52.1485, 0.3567,
0.3444

■ 17.9945, 0.2013,
0.2447

■ 56.7701, 0.3704,
0.3484

■ 61.7248, 0.3836,
0.3519

■ 63.6527, 0.3820,
0.3564

Harmonies

Analogous

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



30.9382, 0.2753, 0.3288



30.9382, 0.2680, 0.3080



30.9382, 0.2721, 0.2940

Triad

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



30.9382, 0.2680, 0.3080



30.9382, 0.3325, 0.3086



30.9382, 0.3382, 0.3708

Complementary

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



30.9382, 0.2680, 0.3080



26.3823, 0.3725, 0.3490

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.



30.9382, 0.3546, 0.3633



30.9382, 0.2680, 0.3080



30.9382, 0.3514, 0.3274

Square

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



30.9382, 0.2680, 0.3080



30.9382, 0.3087, 0.2950



30.9382, 0.3596, 0.3472



30.9382, 0.3153, 0.3664

Rectangle

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



30.9382, 0.2680, 0.3080



30.9382, 0.2808, 0.2900



30.9382, 0.3596, 0.3472



30.9382, 0.3447, 0.3696

Sweetspot

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



30.9394, 0.2680, 0.3080



67.3076, 0.2989, 0.3232



34.3355, 0.2988, 0.3926



14.8241, 0.2967, 0.3222



86.8899, 0.3127, 0.3290



16.2647, 0.3127, 0.3290

Same Dimension

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



30.9394, 0.2680, 0.3080



53.0148, 0.2587, 0.3026



23.2578, 0.2633, 0.2654



8.2033, 0.2987, 0.3231



13.3270, 0.2016, 0.2457



0.3992, 0.2101, 0.2764

Inverse Universe

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



24.1734, 0.3308, 0.2733



39.0870, 0.3359, 0.2608



34.0812, 0.3620, 0.3854



7.6334, 0.3175, 0.3123



7.4164, 0.3965, 0.1958



0.1880, 0.3668, 0.1794

Previews

White Background



This preview shows how the Yxy color 30.9382, 0.2680, 0.3080 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

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 30.9382, 0.2680, 0.3080 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

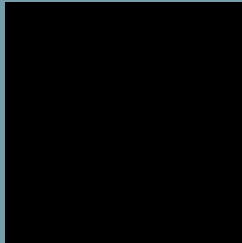
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

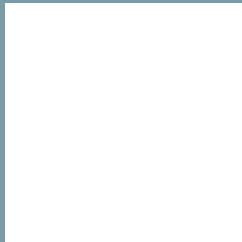
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 30.9382, 0.2680, 0.3080

Background



This preview shows how black text looks on a background with the Yxy color 30.9382, 0.2680, 0.3080.



This preview shows how white text looks on a background with the Yxy color 30.9382, 0.2680, 0.3080.

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

30.9382, 0.2680, 0.3080

Protanopia

30.9189, 0.2980, 0.3062

Deuteranopia

30.8146, 0.2975, 0.2920



Tritanopia

30.9382, 0.2680, 0.3080

Trichromacy



Original Color

30.9382, 0.2680, 0.3080

Protanomaly

30.9758, 0.2861, 0.3072

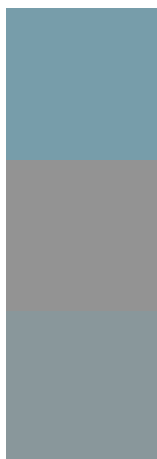
Deuteranomaly

30.8243, 0.2862, 0.2983

Tritanomaly

30.9382, 0.2680, 0.3080

Monochromacy



Original Color

30.9382, 0.2680, 0.3080

Achromatopsia

29.1771, 0.3127, 0.3290

Achromatomaly

29.8181, 0.2953, 0.3226

CSS Examples

Text

The CSS property to change the color of the text to Yxy 30.9382, 0.2680, 0.3080 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, 157, 170)` looks like.

```
.text, #text, p{  
    color:rgb(119, 157, 170)  
}
```

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, 157, 170) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(119, 157, 170) }
```

Border

The CSS property to change the border of an element to Yxy 30.9382, 0.2680, 0.3080 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, 157, 170) }
```

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

```
.border{ border-color:rgb(119, 157, 170) }
```

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

Here you see how a box with a 4 pixel rgb(119, 157, 170) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(119, 157, 170); -webkit-box-  
shadow:4px 4px 4px 4px rgb(119, 157, 170);  
box-shadow:4px 4px 4px 4px rgb(119, 157,  
170) }
```


Background

The CSS property to change the background color of an element to Yxy 30.9382, 0.2680, 0.3080 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(119, 157, 170) }
```

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

```
.background{ background-color: rgb(119,  
157, 170) }
```

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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