

Converting Colors

$Yxy(33.3066, 0.2745, 0.3210)$

Have a look what the booklet for
Yxy(33.3066, 0.2745, 0.3210)
contains.

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Color

Yxy(33.3066, 0.2745, 0.3210)

Conversions

Conversions Part 1

Format	Color
Hex	7CA3A8
RGB	124, 163, 168
RGB Percent	49%, 64%, 66%
CMY	0.5135, 0.3608, 0.3412
CMYK	0.26, 0.03, 0.00, 0.34
HSL	187°, 20%, 57%
HSV	187°, 26%, 66%
XYZ	28.4818, 33.3066, 41.9705
YIQ	151.9090, -24.8490, -6.7130

Conversions

Conversions Part 2

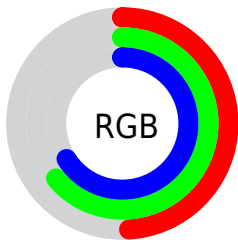
Format	Color
RYB	124, 145, 168
Decimal	8168360
CIELab	64.41, -12.00, -6.92
CIElCh	64, 13.850, 209.971
Yxy	33.3066, 0.2745, 0.3210
Android (android.graphics.Color)	4286358440 (0xFF7CA3A8)
YUV	151.9090, 7.9329, -24.4762
Hunter-Lab	57.7119, -12.9029, -2.7198

Details

The Yxy color **33.3066, 0.2745, 0.3210** is a light color, and the websafe version is hex **669999**. A complement of this color would be **25.4944, 0.3653, 0.3368**, and the grayscale version is **31.3356, 0.3127, 0.3290**.

A 20% lighter version of the original color is **64.9355, 0.2823, 0.3230**, and **14.0463, 0.2618, 0.3174** is the 20% darker color. If you saturate the color by 10%, you get **31.4867, 0.2614, 0.3175**, and if you desaturate by 10%, it is **35.3527, 0.2886, 0.3243**.

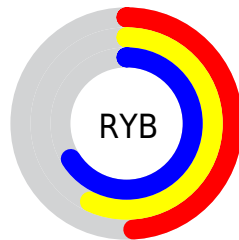
Distribution



Red (49%)

Green (64%)

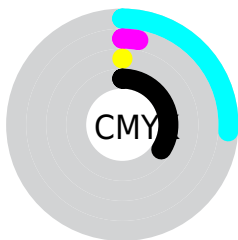
Blue (66%)



Red (49%)

Yellow (57%)

Blue (66%)

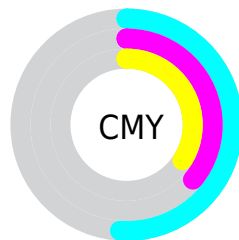


Cyan (26%)

Magenta (3%)

Yellow (0%)

Black (34%)



Cyan (51%)


Magenta (36%)

Yellow (34%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 33.3066, 0.2745, 0.3210 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 33.3066, 0.2745, 0.3210 by changing the saturation by 10% instead.


 33.3066, 0.2745,
0.3210


 33.3066, 0.2745,
0.3210


317.0290, 0.2945,
0.3255


 22.3614, 0.2692,
0.3197


 64.8539, 0.2820,
0.3228

 14.1227, 0.2623,
0.3179


 86.2248, 0.2847,
0.3234

 8.2061, 0.2527,
0.3153


 111.8398, 0.2870,
0.3239

 4.2271, 0.2387,
0.3112

142.0832, 0.2889,
0.3243

 1.8014, 0.2165,
0.3038

177.3394, 0.2906,
0.3247

 0.4880, 0.1021,
0.2914

217.9929, 0.2921,

 0.0000, 0.0000,

0.3250

0.0000

264.4279, 0.2933,
0.3253

■ 33.3066, 0.2745,
0.3210

■ 33.3066, 0.2745,
0.3210

■ 31.4867, 0.2614,
0.3175

■ 35.3527, 0.2886,
0.3243

■ 29.8782, 0.2496,
0.3139

■ 37.6310, 0.3034,
0.3273

■ 28.4705, 0.2392,
0.3101

■ 40.1524, 0.3186,
0.3300

■ 27.2508, 0.2306,
0.3062

■ 42.9258, 0.3339,
0.3325

■ 26.2043, 0.2239,
0.3023

■ 45.9595, 0.3492,
0.3347

■ 25.3142, 0.2190,
0.2984

■ 49.2617, 0.3643,
0.3367

■ 24.5575, 0.2158,
0.2945

■ 52.8400, 0.3789,
0.3384

■ 24.2830, 0.2147,
0.2930

■ 56.0426, 0.3901,
0.3401

■ 56.8103, 0.3894,
0.3421

Harmonies

Analogous

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



33.3066, 0.2871, 0.3413



33.3066, 0.2745, 0.3210



33.3066, 0.2718, 0.3039

Triad

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



33.3066, 0.2745, 0.3210



33.3066, 0.3177, 0.3018



33.3066, 0.3463, 0.3644

Complementary

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



33.3066, 0.2745, 0.3210



25.4944, 0.3653, 0.3368

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.



33.3066, 0.3553, 0.3523



33.3066, 0.2745, 0.3210



33.3066, 0.3385, 0.3167

Square

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



33.3066, 0.2745, 0.3210



33.3066, 0.2962, 0.2937



33.3066, 0.3525, 0.3348



33.3066, 0.3284, 0.3670

Rectangle

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



33.3066, 0.2745, 0.3210



33.3066, 0.2759, 0.2964



33.3066, 0.3525, 0.3348



33.3066, 0.3505, 0.3612

Sweetspot

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



33.3079, 0.2745, 0.3210



67.4352, 0.3004, 0.3267



33.8624, 0.3058, 0.3945



14.5633, 0.2982, 0.3263



84.8088, 0.3127, 0.3290



15.4872, 0.3127, 0.3290

Same Dimension

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



33.3079, 0.2745, 0.3210



58.6090, 0.2673, 0.3191



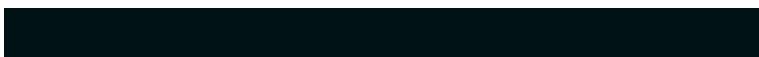
26.3510, 0.2713, 0.2859



8.3841, 0.2987, 0.3264



18.3861, 0.2148, 0.2934



0.4871, 0.2184, 0.3062

Inverse Universe

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



25.3960, 0.3211, 0.2721



42.0735, 0.3232, 0.2602



31.7266, 0.3574, 0.3686



7.6517, 0.3154, 0.3092



7.9271, 0.3513, 0.1709



0.1969, 0.3400, 0.1647

Previews

White Background



This preview shows how the Yxy color 33.3066, 0.2745, 0.3210 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 33.3066, 0.2745, 0.3210 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

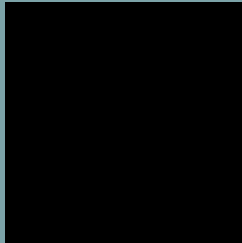
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 33.3066, 0.2745, 0.3210

Background



This preview shows how black text looks on a background with the Yxy color 33.3066, 0.2745, 0.3210.

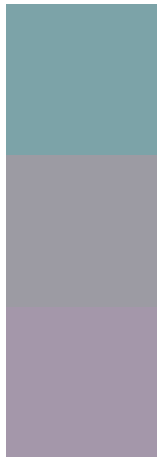


This preview shows how white text looks on a background with the Yxy color 33.3066, 0.2745, 0.3210.

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

33.3066, 0.2745, 0.3210

Protanopia

33.1550, 0.3065, 0.3171

Deuteranopia

32.9280, 0.3081, 0.3016



Tritanopia

33.3714, 0.2707, 0.3087

Trichromacy



Original Color

33.3066, 0.2745, 0.3210

Protanomaly

33.0996, 0.2935, 0.3183

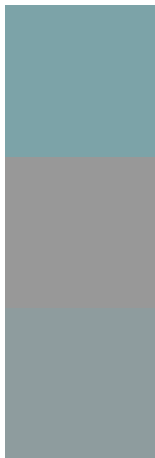
Deuteranomaly

32.6968, 0.2946, 0.3080

Tritanomaly

33.1792, 0.2721, 0.3133

Monochromacy



Original Color

33.3066, 0.2745, 0.3210

Achromatopsia

31.3989, 0.3127, 0.3290

Achromatomaly

31.9963, 0.2975, 0.3258

CSS Examples

Text

The CSS property to change the color of the text to Yxy 33.3066, 0.2745, 0.3210 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(124, 163, 168)` looks like.

```
.text, #text, p{  
    color:rgb(124, 163, 168)  
}
```

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(124, 163, 168) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(124, 163, 168) }
```

Border

The CSS property to change the border of an element to Yxy 33.3066, 0.2745, 0.3210 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(124, 163, 168) }
```

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

```
.border{ border-color:rgb(124, 163, 168) }
```

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

Here you see how a box with a 4 pixel `rgb(124, 163, 168)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(124, 163, 168); -webkit-box-  
shadow:4px 4px 4px 4px rgb(124, 163, 168);  
box-shadow:4px 4px 4px 4px rgb(124, 163,  
168) }
```


Background

The CSS property to change the background color of an element to Yxy 33.3066, 0.2745, 0.3210 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(124, 163, 168) }
```

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

```
.background{ background-color: rgb(124,  
163, 168) }
```

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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