

Converting Colors

$Yxy(33.2489, 0.2448, 0.3063)$

Have a look what the booklet for
Yxy(33.2489, 0.2448, 0.3063)
contains.

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Color

Yxy(33.2489, 0.2448, 0.3063)

Conversions

Conversions Part 1

Format	Color
Hex	5CA7B5
RGB	92, 167, 181
RGB Percent	36%, 65%, 71%
CMY	0.6391, 0.3451, 0.2902
CMYK	0.49, 0.08, 0.00, 0.29
HSL	189°, 38%, 54%
HSV	189°, 49%, 71%
XYZ	26.5731, 33.2489, 48.7281
YIQ	146.1710, -49.1940, -11.5460

Conversions

Conversions Part 2

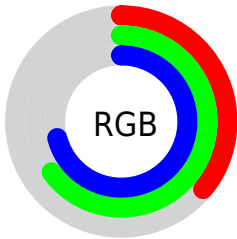
Format	Color
RYB	92, 133, 181
Decimal	6072245
CIELab	64.36, -19.45, -14.43
CIElCh	64, 24.212, 216.570
Yxy	33.2489, 0.2448, 0.3063
Android (android.graphics.Color)	4284262325 (0xFF5CA7B5)
YUV	146.1710, 17.1707, -47.5080
Hunter-Lab	57.6619, -18.6478, -9.7407

Details

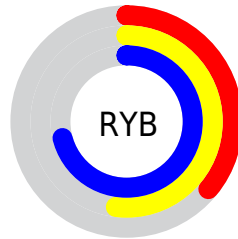
The Yxy color **33.2489, 0.2448, 0.3063** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **20.9054, 0.4369, 0.3494**, and the grayscale version is **28.7637, 0.3127, 0.3290**.

A 20% lighter version of the original color is **64.6529, 0.2577, 0.3108**, and **14.1271, 0.2244, 0.2984** is the 20% darker color. If you saturate the color by 10%, you get **31.3952, 0.2344, 0.3009**, and if you desaturate by 10%, it is **35.3507, 0.2567, 0.3115**.

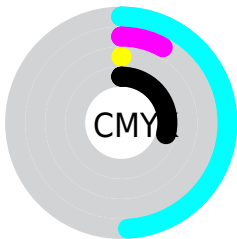
Distribution



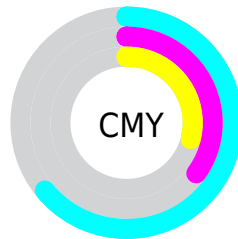
- Red (36%)
- Green (65%)
- Blue (71%)



- Red (36%)
- Yellow (52%)
- Blue (71%)



- Cyan (49%)
- Magenta (8%)
- Yellow (0%)
- Black (29%)





- Cyan (64%)
- Magenta (35%)
- Yellow (29%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 33.2489, 0.2448, 0.3063 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 33.2489, 0.2448, 0.3063 by changing the saturation by 10% instead.


 33.2489, 0.2448,
0.3063


 33.2489, 0.2448,
0.3063


316.7698, 0.2798,
0.3191


 22.3172, 0.2358,
0.3026


 64.7639, 0.2577,
0.3113


 14.0902, 0.2241,
0.2976


 86.1160, 0.2625,
0.3131

 8.1834, 0.2083,
0.2904


 111.7104, 0.2666,
0.3145

 4.2125, 0.1859,
0.2792

 141.9314, 0.2700,
0.3157

 1.7931, 0.1525,
0.2600

177.1634, 0.2730,
0.3167

 0.4829, 0.0000,
0.2260

217.7909, 0.2755,

 0.0000, 0.0000,

0.3176

0.0000

264.1983, 0.2778,
0.3184

■ 33.2489, 0.2448,
0.3063

■ 33.2489, 0.2448,
0.3063

■ 31.3952, 0.2344,
0.3009

■ 35.3507, 0.2567,
0.3115

■ 29.7697, 0.2258,
0.2954

■ 37.7115, 0.2699,
0.3165

■ 28.3550, 0.2191,
0.2898

■ 40.3461, 0.2840,
0.3211

■ 27.1297, 0.2142,
0.2842

■ 43.2668, 0.2988,
0.3254

■ 26.0538, 0.2109,
0.2787

■ 46.4854, 0.3140,
0.3293

■ 25.9658, 0.2106,
0.2783

■ 50.0127, 0.3293,
0.3329

■ 53.8592, 0.3445,
0.3360

■ 58.0346, 0.3595,
0.3389

■ 62.5485, 0.3740,
0.3413

Harmonies

Analogous

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



33.2489, 0.2622, 0.3423



33.2489, 0.2448, 0.3063



33.2489, 0.2443, 0.2798

Triad

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



33.2489, 0.2448, 0.3063



33.2489, 0.3294, 0.2876



33.2489, 0.3650, 0.3933

Complementary

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



33.2489, 0.2448, 0.3063



20.9054, 0.4369, 0.3494

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.



33.2489, 0.3856, 0.3736



33.2489, 0.2448, 0.3063



33.2489, 0.3647, 0.3137

Square

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



33.2489, 0.2448, 0.3063



33.2489, 0.2912, 0.2711



33.2489, 0.3858, 0.3445



33.2489, 0.3309, 0.3955

Rectangle

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



33.2489, 0.2448, 0.3063



33.2489, 0.2535, 0.2701



33.2489, 0.3858, 0.3445



33.2489, 0.3738, 0.3883

Sweetspot

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



33.2502, 0.2448, 0.3063



74.2490, 0.2897, 0.3228



36.3480, 0.2972, 0.4596



15.8185, 0.2867, 0.3219



91.1408, 0.3127, 0.3290



17.8868, 0.3127, 0.3290

Same Dimension

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



33.2502, 0.2448, 0.3063



55.9781, 0.2337, 0.3004



19.8174, 0.2305, 0.2300



9.3994, 0.2986, 0.3253



17.9854, 0.2108, 0.2790



0.6269, 0.2151, 0.2943

Inverse Universe

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



20.2702, 0.3354, 0.2277



30.7897, 0.3417, 0.2091



32.3609, 0.4038, 0.4100



8.6233, 0.3161, 0.3100



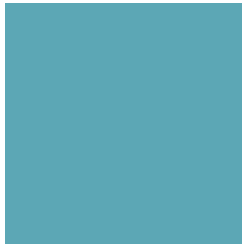
8.3558, 0.3644, 0.1781



0.2691, 0.3505, 0.1704

Previews

White Background



This preview shows how the Yxy color 33.2489, 0.2448, 0.3063 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 33.2489, 0.2448, 0.3063 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

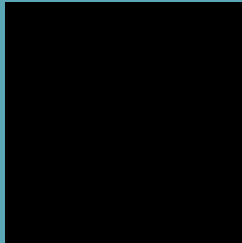
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 33.2489, 0.2448, 0.3063

Background



This preview shows how black text looks on a background with the Yxy color 33.2489, 0.2448, 0.3063.



This preview shows how white text looks on a background with the Yxy color 33.2489, 0.2448, 0.3063.

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

33.2489, 0.2448, 0.3063

Protanopia

32.9006, 0.2949, 0.3010

Deuteranopia

32.9851, 0.2883, 0.2831



Tritanopia

33.2489, 0.2448, 0.3063

Trichromacy



Original Color

33.2489, 0.2448, 0.3063

Protanomaly

32.7562, 0.2735, 0.3028

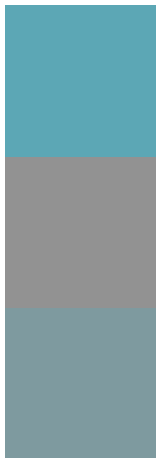
Deuteranomaly

32.5194, 0.2697, 0.2896

Tritanomaly

33.2489, 0.2448, 0.3063

Monochromacy



Original Color

33.2489, 0.2448, 0.3063

Achromatopsia

28.7441, 0.3127, 0.3290

Achromatomaly

30.0500, 0.2820, 0.3208

CSS Examples

Text

The CSS property to change the color of the text to Yxy 33.2489, 0.2448, 0.3063 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(92, 167, 181)` looks like.

```
.text, #text, p{  
    color:rgb(92, 167, 181)  
}
```

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(92, 167, 181) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(92, 167, 181) }
```

Border

The CSS property to change the border of an element to Yxy 33.2489, 0.2448, 0.3063 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(92, 167, 181) }
```

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

```
.border{ border-color:rgb(92, 167, 181) }
```

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

Here you see how a box with a 4 pixel rgb(92, 167, 181) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(92, 167, 181); -webkit-box-  
shadow:4px 4px 4px 4px rgb(92, 167, 181);  
box-shadow:4px 4px 4px 4px rgb(92, 167,  
181) }
```


Background

The CSS property to change the background color of an element to Yxy 33.2489, 0.2448, 0.3063 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(92, 167, 181) }
```

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

```
.background{ background-color: rgb(92, 167,  
181) }
```

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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