

Converting Colors

$Y_{xy}(31.2249, 0.2643, 0.3197)$

Have a look what the booklet for
Yxy(31.2249, 0.2643, 0.3197)
contains.

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Color

Yxy(31.1460, 0.2638, 0.3190)

Conversions

Conversions Part 1

Format	Color
Hex	6DA0A6
RGB	109, 160, 166
RGB Percent	43%, 63%, 65%
CMY	0.5727, 0.3725, 0.3490
CMYK	0.34, 0.04, 0.00, 0.35
HSL	186°, 24%, 54%
HSV	186°, 34%, 65%
XYZ	25.7565, 31.1460, 40.7339
YIQ	145.4350, -32.3220, -8.9460

Conversions

Conversions Part 2

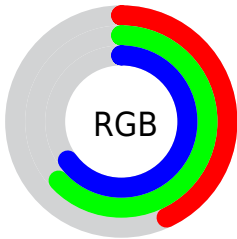
Format	Color
RYB	109, 136, 166
Decimal	7184550
CIELab	62.63, -15.37, -8.54
CIELCh	63, 17.581, 209.063
Yxy	31.1460, 0.2638, 0.3190
Android (android.graphics.Color)	4285374630 (0xFF6DA0A6)
YUV	145.4350, 10.1385, -31.9535
Hunter-Lab	55.8086, -15.2847, -4.2089

Details

The Yxy color **31.1460, 0.2638, 0.3190** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **21.4612, 0.3883, 0.3387**, and the grayscale version is **28.4662, 0.3127, 0.3290**.

A 20% lighter version of the original color is **61.6079, 0.2738, 0.3215**, and **12.8396, 0.2484, 0.3143** is the 20% darker color. If you saturate the color by 10%, you get **29.5917, 0.2518, 0.3157**, and if you desaturate by 10%, it is **32.9101, 0.2770, 0.3222**.

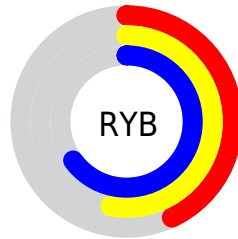
Distribution



Red (43%)

Green (63%)

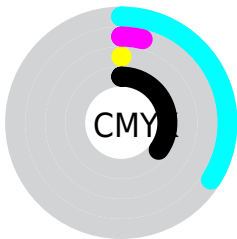
Blue (65%)



Red (43%)

Yellow (53%)

Blue (65%)

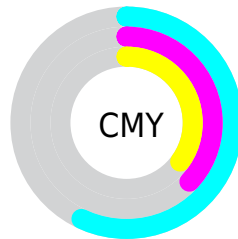


Cyan (34%)

Magenta (4%)

Yellow (0%)

Black (35%)



Cyan (57%)

Magenta (37%)

Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 31.1460, 0.2638, 0.3190 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 31.1460, 0.2638, 0.3190 by changing the saturation by 10% instead.

■ 31.1460, 0.2638,
0.3190

■ 31.1460, 0.2638,
0.3190

■ 307.2104, 0.2895,
0.3248

■ 20.7100, 0.2570,
0.3173

■ 61.4699, 0.2735,
0.3213

■ 12.9122, 0.2479,
0.3148

■ 82.1266, 0.2770,
0.3221

■ 7.3681, 0.2354,
0.3112

■ 106.9590, 0.2799,
0.3228

■ 3.6934, 0.2171,
0.3054

■ 136.3515, 0.2824,
0.3233

■ 1.5036, 0.1879,
0.2945

■ 170.6885, 0.2846,
0.3238

■ 0.2912, 0.0000,
0.2416

■ 210.3544, 0.2864,

■ 0.0000, 0.0000,

0.3241

0.0000

255.7335, 0.2881,
0.3245

■ 31.1460, 0.2638,
0.3190

■ 31.1460, 0.2638,
0.3190

■ 29.5917, 0.2518,
0.3157

■ 32.9101, 0.2770,
0.3222

■ 28.2322, 0.2413,
0.3122

■ 34.8906, 0.2912,
0.3251

■ 27.0563, 0.2325,
0.3086

■ 37.0985, 0.3061,
0.3279

■ 26.0503, 0.2255,
0.3050

■ 39.5427, 0.3213,
0.3304

■ 25.1981, 0.2204,
0.3014

■ 42.2320, 0.3367,
0.3326

■ 24.4807, 0.2170,
0.2979

■ 45.1743, 0.3520,
0.3347

■ 24.1092, 0.2155,
0.2959

■ 48.3774, 0.3671,
0.3364

■ 51.8487, 0.3817,
0.3380

■ 54.9523, 0.3928,
0.3395

Harmonies

Analogous

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



31.1460, 0.2801, 0.3458



31.1460, 0.2638, 0.3190



31.1460, 0.2600, 0.2967

Triad

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



31.1460, 0.2638, 0.3190



31.1460, 0.3181, 0.2937



31.1460, 0.3568, 0.3744

Complementary

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



31.1460, 0.2638, 0.3190



21.4612, 0.3883, 0.3387

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.



31.1460, 0.3683, 0.3580



31.1460, 0.2638, 0.3190



31.1460, 0.3455, 0.3123

Square

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



31.1460, 0.2638, 0.3190



31.1460, 0.2904, 0.2835



31.1460, 0.3642, 0.3354



31.1460, 0.3336, 0.3789

Rectangle

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



31.1460, 0.2638, 0.3190



31.1460, 0.2649, 0.2871



31.1460, 0.3642, 0.3354



31.1460, 0.3622, 0.3700

Sweetspot

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



31.1472, 0.2638, 0.3190



64.9412, 0.2974, 0.3263



31.7535, 0.3036, 0.4189



14.4133, 0.2954, 0.3259



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.



31.1472, 0.2638, 0.3190



54.4012, 0.2548, 0.3165



22.4434, 0.2575, 0.2700



8.3953, 0.2987, 0.3266



18.7339, 0.2156, 0.2962



0.4929, 0.2189, 0.3080

Inverse Universe

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



21.5737, 0.3236, 0.2536



34.6462, 0.3265, 0.2378



28.9119, 0.3739, 0.3815



7.6528, 0.3153, 0.3090



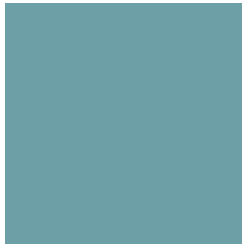
7.9623, 0.3488, 0.1695



0.1975, 0.3385, 0.1638

Previews

White Background



This preview shows how the Yxy color 31.1460, 0.2638, 0.3190 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 31.1460, 0.2638, 0.3190 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

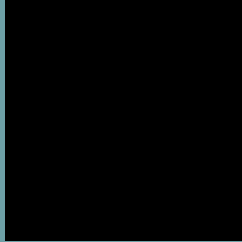
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 31.1460, 0.2638, 0.3190

Background



This preview shows how black text looks on a background with the Yxy color 31.1460, 0.2638, 0.3190.



This preview shows how white text looks on a background with the Yxy color 31.1460, 0.2638, 0.3190.

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

31.1460, 0.2638, 0.3190

Protanopia

30.9301, 0.3044, 0.3137

Deuteranopia

30.9001, 0.3022, 0.2964



Tritanopia

31.0898, 0.2601, 0.3078

Trichromacy



Original Color

31.1460, 0.2638, 0.3190

Protanomaly

30.9541, 0.2885, 0.3163

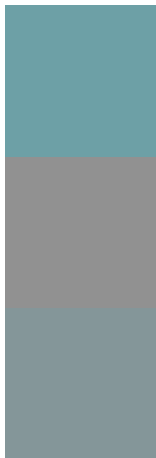
Deuteranomaly

30.8591, 0.2870, 0.3042

Tritanomaly

31.0136, 0.2615, 0.3109

Monochromacy



Original Color

31.1460, 0.2638, 0.3190

Achromatopsia

28.3149, 0.3127, 0.3290

Achromatomaly

29.0181, 0.2923, 0.3240

CSS Examples

Text

The CSS property to change the color of the text to Yxy 31.1460, 0.2638, 0.3190 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(109, 160, 166)` looks like.

```
.text, #text, p{  
    color:rgb(109, 160, 166)  
}
```

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(109, 160, 166) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(109, 160, 166) }
```

Border

The CSS property to change the border of an element to Yxy 31.1460, 0.2638, 0.3190 is called "border". The border property can be set on classes, ids or directly on the HTML element.

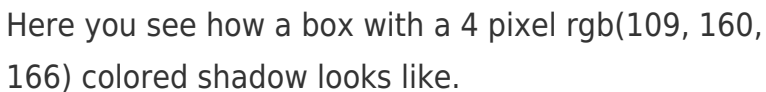
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(109, 160, 166) }
```

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

```
.border{ border-color:rgb(109, 160, 166) }
```

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



Here you see how a box with a 4 pixel `rgb(109, 160, 166)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(109, 160, 166); -webkit-box-shadow:4px 4px 4px 4px rgb(109, 160, 166); box-shadow:4px 4px 4px 4px rgb(109, 160, 166) }
```


Background

The CSS property to change the background color of an element to Yxy 31.1460, 0.2638, 0.3190 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(109, 160, 166) }
```

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

```
.background{ background-color: rgb(109,  
160, 166) }
```

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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