

Converting Colors

$Yxy(31.0857, 0.2714, 0.3695)$

Have a look what the booklet for
Yxy(31.0857, 0.2714, 0.3695)
contains.

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Color

Yxy(31.2429, 0.2713, 0.3693)

Conversions

Conversions Part 1

Format	Color
Hex	5EA58E
RGB	94, 165, 142
RGB Percent	37%, 65%, 56%
CMY	0.6314, 0.3529, 0.4432
CMYK	0.43, 0.00, 0.14, 0.35
HSL	161°, 28%, 51%
HSV	161°, 43%, 65%
XYZ	22.9521, 31.2429, 30.4054
YIQ	141.1490, -34.9330, -22.2050

Conversions

Conversions Part 2

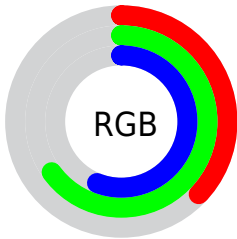
Format	Color
RYB	94, 136, 165
Decimal	6202766
CIELab	62.71, -27.92, 4.99
CIELCh	63, 28.357, 169.875
Yxy	31.2429, 0.2713, 0.3693
Android (android.graphics.Color)	4284392846 (0xFF5EA58E)
YUV	141.1490, 0.4195, -41.3497
Hunter-Lab	55.8953, -24.5202, 6.8748

Details

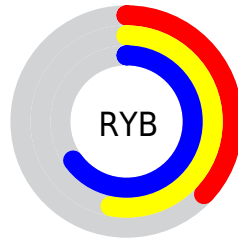
The Yxy color **31.2429, 0.2713, 0.3693** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **17.2890, 0.3853, 0.2931**, and the grayscale version is **26.7056, 0.3127, 0.3290**.

A 20% lighter version of the original color is **61.4678, 0.2797, 0.3599**, and **13.0341, 0.2568, 0.3842** is the 20% darker color. If you saturate the color by 10%, you get **30.3063, 0.2643, 0.3806**, and if you desaturate by 10%, it is **32.3762, 0.2796, 0.3586**.

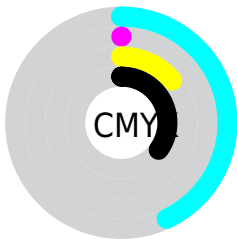
Distribution



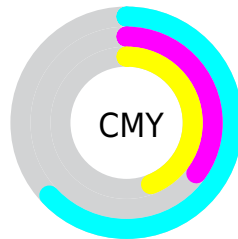
- Red (37%)
- Green (65%)
- Blue (56%)



- Red (37%)
- Yellow (53%)
- Blue (65%)



- Cyan (43%)
- Magenta (0%)
- Yellow (14%)
- Black (35%)





- Cyan (63%)
- Magenta (35%)
- Yellow (44%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 31.2429, 0.2713, 0.3693 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 31.2429, 0.2713, 0.3693 by changing the saturation by 10% instead.


 31.2429, 0.2713,
0.3693


 31.2429, 0.2713,
0.3693


307.6558, 0.2936,
0.3473


 20.7839, 0.2652,
0.3755


 61.6223, 0.2798,
0.3608


 12.9661, 0.2569,
0.3839


 82.3115, 0.2829,
0.3578

 7.4052, 0.2453,
0.3959


 107.1795, 0.2854,
0.3553

 3.7168, 0.2276,
0.4147

 136.6107, 0.2875,
0.3532

 1.5164, 0.1945,
0.4495

170.9895, 0.2894,
0.3514

 0.3003, 0.0000,
1.0000

210.7004, 0.2910,

 0.0000, 0.0000,

0.3499

0.0000

256.1277, 0.2923,
0.3485

■ 31.2429, 0.2713,
0.3693

■ 31.2429, 0.2713,
0.3693

■ 30.3063, 0.2643,
0.3806

■ 32.3762, 0.2796,
0.3586

■ 29.5506, 0.2589,
0.3925

■ 33.7134, 0.2889,
0.3487

■ 28.9634, 0.2553,
0.4046


■ 35.2660, 0.2990,
0.3396


■ 28.5294, 0.2537,
0.4169

■ 37.0435, 0.3095,
0.3313

■ 28.2301, 0.2539,
0.4290

■ 39.0549, 0.3202,
0.3239

 28.0713, 0.2549,
0.4375

 41.3085, 0.3310,
0.3173

 43.8124, 0.3417,
0.3114

 46.5742, 0.3522,
0.3063

 49.6012, 0.3623,
0.3017

Harmonies

Analogous

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



31.2429, 0.3137, 0.4024



31.2429, 0.2713, 0.3693



31.2429, 0.2413, 0.3245

Triad

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



31.2429, 0.2713, 0.3693



31.2429, 0.2652, 0.2565



31.2429, 0.4033, 0.3625

Complementary

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



31.2429, 0.2713, 0.3693



17.2890, 0.3853, 0.2931

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.



31.2429, 0.3891, 0.3262



31.2429, 0.2713, 0.3693



31.2429, 0.3064, 0.2677

Square

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



31.2429, 0.2713, 0.3693



31.2429, 0.2382, 0.2619



31.2429, 0.3525, 0.2926



31.2429, 0.3911, 0.3939

Rectangle

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



31.2429, 0.2713, 0.3693



31.2429, 0.2314, 0.2970



31.2429, 0.3525, 0.2926



31.2429, 0.4015, 0.3506

Sweetspot

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



31.2442, 0.2713, 0.3693



63.0941, 0.2987, 0.3398



31.5484, 0.3275, 0.4512



13.6584, 0.2966, 0.3416



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.



31.2442, 0.2713, 0.3693



54.2851, 0.2644, 0.3805



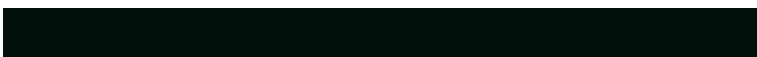
27.9344, 0.2521, 0.3085



7.9720, 0.3029, 0.3364



21.2441, 0.2545, 0.4362



0.4545, 0.2424, 0.3925

Inverse Universe

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



17.2890, 0.3853, 0.2931



25.8521, 0.4117, 0.2855



19.0809, 0.4135, 0.3480



7.1221, 0.3236, 0.3217



6.2578, 0.5627, 0.2874



0.1398, 0.4665, 0.2344

Previews

White Background



This preview shows how the Yxy color 31.2429, 0.2713, 0.3693 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 31.2429, 0.2713, 0.3693 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

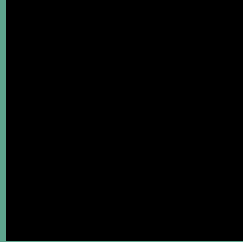
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 31.2429, 0.2713, 0.3693

Background



This preview shows how black text looks on a background with the Yxy color 31.2429, 0.2713, 0.3693.



This preview shows how white text looks on a background with the Yxy color 31.2429, 0.2713, 0.3693.

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

31.2429, 0.2713, 0.3693

Protanopia

30.7020, 0.3356, 0.3539

Deuteranopia

30.8486, 0.3350, 0.3291



Tritanopia

31.3316, 0.2543, 0.3092

Trichromacy



Original Color

31.2429, 0.2713, 0.3693

Protanomaly

30.3172, 0.3084, 0.3587

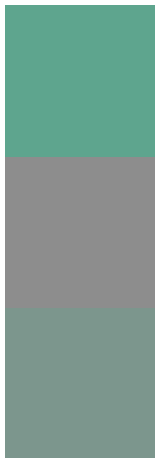
Deuteranomaly

30.4022, 0.3072, 0.3418

Tritanomaly

31.1019, 0.2600, 0.3288

Monochromacy



Original Color

31.2429, 0.2713, 0.3693

Achromatopsia

26.6356, 0.3127, 0.3290

Achromatomaly

28.0209, 0.2952, 0.3443

CSS Examples

Text

The CSS property to change the color of the text to Yxy 31.2429, 0.2713, 0.3693 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(94, 165, 142)` looks like.

```
.text, #text, p{  
    color:rgb(94, 165, 142)  
}
```

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(94, 165, 142) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(94, 165, 142) }
```

Border

The CSS property to change the border of an element to Yxy 31.2429, 0.2713, 0.3693 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(94, 165, 142) }
```

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

```
.border{ border-color:rgb(94, 165, 142) }
```

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

Here you see how a box with a 4 pixel `rgb(94, 165, 142)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(94, 165, 142); -webkit-box-  
shadow:4px 4px 4px 4px rgb(94, 165, 142);  
box-shadow:4px 4px 4px 4px rgb(94, 165,  
142) }
```


Background

The CSS property to change the background color of an element to Yxy 31.2429, 0.2713, 0.3693 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(94, 165, 142) }
```

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

```
.background{ background-color: rgb(94, 165,  
142) }
```

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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