

Converting Colors

$Yxy(30.9606, 0.2836, 0.4064)$

Have a look what the booklet for
Yxy(30.9606, 0.2836, 0.4064)
contains.

Yxy(30.9778, 0.2839, 0.4066)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(30.9778, 0.2839, 0.4066)

Conversions

Conversions Part 1

Format	Color
Hex	5CA67B
RGB	92, 166, 123
RGB Percent	36%, 65%, 48%
CMY	0.6390, 0.3490, 0.5176
CMYK	0.45, 0.00, 0.26, 0.35
HSL	145°, 29%, 51%
HSV	145°, 45%, 65%
XYZ	21.6296, 30.9778, 23.5800
YIQ	138.9720, -30.3010, -29.0610

Conversions

Conversions Part 2

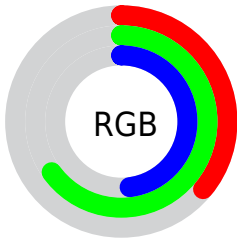
Format	Color
RYB	92, 144, 166
Decimal	6071931
CIELab	62.49, -33.05, 15.22
CIElCh	62, 36.388, 155.272
Yxy	30.9778, 0.2839, 0.4066
Android (android.graphics.Color)	4284262011 (0xFF5CA67B)
YUV	138.9720, -7.8742, -41.1944
Hunter-Lab	55.6577, -28.0326, 13.8415

Details

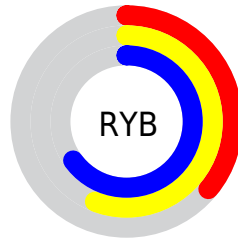
The Yxy color **30.9778, 0.2839, 0.4066** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **17.5217, 0.3598, 0.2634**, and the grayscale version is **25.8529, 0.3127, 0.3290**.

A 20% lighter version of the original color is **61.4881, 0.2903, 0.3896**, and **12.7167, 0.2722, 0.4359** is the 20% darker color. If you saturate the color by 10%, you get **29.9852, 0.2795, 0.4281**, and if you desaturate by 10%, it is **32.1841, 0.2894, 0.3864**.

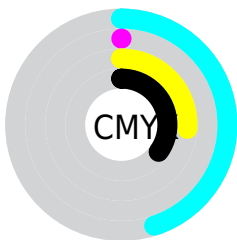
Distribution



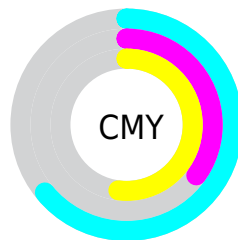
- Red (36%)
- Green (65%)
- Blue (48%)



- Red (36%)
- Yellow (56%)
- Blue (65%)



- Cyan (45%)
- Magenta (0%)
- Yellow (26%)
- Black (35%)



- Cyan (64%)
- Magenta (35%)
- Yellow (52%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 30.9778, 0.2839, 0.4066 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 30.9778, 0.2839, 0.4066 by changing the saturation by 10% instead.


 30.9778, 0.2839,
0.4066


 30.9778, 0.2839,
0.4066


306.4360, 0.3002,
0.3632

 20.5819, 0.2791,
0.4192


 61.2051, 0.2904,
0.3896


 12.8188, 0.2723,
0.4367

 81.8054, 0.2926,
0.3836

 7.3039, 0.2622,
0.4623


 106.5759, 0.2945,
0.3787

 3.6529, 0.2457,
0.5034

 135.9010, 0.2960,
0.3746

 1.4813, 0.2088,
0.6096

170.1652, 0.2973,
0.3711

 0.2755, 0.0000,
1.0000

209.7529, 0.2984,

 0.0000, 0.0000,

0.3681

0.0000

255.0483, 0.2994,
0.3655

■ 30.9778, 0.2839,
0.4066

■ 30.9778, 0.2839,
0.4066

■ 29.9852, 0.2795,
0.4281

■ 32.1841, 0.2894,
0.3864

■ 29.1895, 0.2764,
0.4504

■ 33.6122, 0.2957,
0.3676

■ 28.5773, 0.2750,
0.4728


■ 35.2744, 0.3025,
0.3506

■ 28.1320, 0.2755,
0.4946

■ 37.1809, 0.3095,
0.3354


■ 27.8335, 0.2778,
0.5151


■ 39.3414, 0.3166,
0.3218

 27.7061, 0.2793,
0.5256

 41.7648, 0.3235,
0.3098

 44.4600, 0.3303,
0.2992

 47.4351, 0.3368,
0.2900

 50.6980, 0.3431,
0.2820

Harmonies

Analogous

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



30.9778, 0.3407, 0.4344



30.9778, 0.2839, 0.4066



30.9778, 0.2376, 0.3511

Triad

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



30.9778, 0.2839, 0.4066



30.9778, 0.2332, 0.2382



30.9778, 0.4249, 0.3472

Complementary

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



30.9778, 0.2839, 0.4066



17.5217, 0.3598, 0.2634

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.



30.9778, 0.3908, 0.3030



30.9778, 0.2839, 0.4066



30.9778, 0.2768, 0.2431

Square

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



30.9778, 0.2839, 0.4066



30.9778, 0.2109, 0.2548



30.9778, 0.3347, 0.2662



30.9778, 0.4246, 0.3914

Rectangle

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



30.9778, 0.2839, 0.4066



30.9778, 0.2180, 0.3117



30.9778, 0.3347, 0.2662



30.9778, 0.4170, 0.3321

Sweetspot

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



30.9791, 0.2839, 0.4066



64.4485, 0.3034, 0.3486



33.2107, 0.3458, 0.4488



14.2667, 0.3019, 0.3520



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.



30.9791, 0.2839, 0.4066



54.5149, 0.2797, 0.4269



32.0811, 0.2579, 0.3393



8.4579, 0.3062, 0.3424



21.4952, 0.2789, 0.5239



0.5333, 0.2600, 0.4560

Inverse Universe

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



17.5217, 0.3598, 0.2634



27.0431, 0.3745, 0.2506



16.6571, 0.4178, 0.3197



7.6127, 0.3199, 0.3160



6.9583, 0.4587, 0.2301



0.1792, 0.4023, 0.1990

Previews

White Background



This preview shows how the Yxy color 30.9778, 0.2839, 0.4066 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 30.9778, 0.2839, 0.4066 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

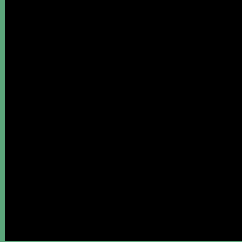
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 30.9778, 0.2839, 0.4066

Background



This preview shows how black text looks on a background with the Yxy color 30.9778, 0.2839, 0.4066.



This preview shows how white text looks on a background with the Yxy color 30.9778, 0.2839, 0.4066.

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

30.9778, 0.2839, 0.4066

Protanopia

30.5472, 0.3569, 0.3818

Deuteranopia

30.6935, 0.3607, 0.3542



Tritanopia

31.0632, 0.2561, 0.3092

Trichromacy



Original Color

30.9778, 0.2839, 0.4066

Protanomaly

30.2597, 0.3256, 0.3908

Deuteranomaly

30.2181, 0.3289, 0.3729

Tritanomaly

30.8831, 0.2663, 0.3425

Monochromacy



Original Color

30.9778, 0.2839, 0.4066

Achromatopsia

25.8183, 0.3127, 0.3290

Achromatomaly

27.3259, 0.3004, 0.3568

CSS Examples

Text

The CSS property to change the color of the text to Yxy 30.9778, 0.2839, 0.4066 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, 166, 123)` looks like.

```
.text, #text, p{  
    color:rgb(92, 166, 123)  
}
```

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, 166, 123) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(92, 166, 123) }
```

Border

The CSS property to change the border of an element to Yxy 30.9778, 0.2839, 0.4066 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, 166, 123) }
```

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

```
.border{ border-color:rgb(92, 166, 123) }
```

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

Here you see how a box with a 4 pixel `rgb(92, 166, 123)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(92, 166, 123); -webkit-box-  
shadow:4px 4px 4px 4px rgb(92, 166, 123);  
box-shadow:4px 4px 4px 4px rgb(92, 166,  
123) }
```


Background

The CSS property to change the background color of an element to Yxy 30.9778, 0.2839, 0.4066 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(92, 166, 123) }
```

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

```
.background{ background-color: rgb(92, 166,  
123) }
```

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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