

Converting Colors

$Yxy(30.3986, 0.2845, 0.3673)$

Have a look what the booklet for
Yxy(30.3986, 0.2845, 0.3673)
contains.

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Color

Yxy(30.5759, 0.2851, 0.3688)

Conversions

Conversions Part 1

Format	Color
Hex	6DA18A
RGB	109, 161, 138
RGB Percent	43%, 63%, 54%
CMY	0.5726, 0.3686, 0.4589
CMYK	0.32, 0.00, 0.14, 0.37
HSL	153°, 22%, 53%
HSV	153°, 32%, 63%
XYZ	23.6366, 30.5759, 28.6939
YIQ	142.8300, -23.6090, -18.1770

Conversions

Conversions Part 2

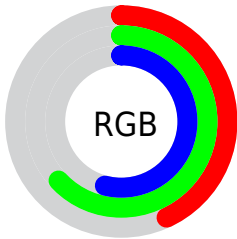
Format	Color
RYB	109, 142, 161
Decimal	7184778
CIELab	62.15, -22.42, 6.51
CIELCh	62, 23.345, 163.801
Yxy	30.5759, 0.2851, 0.3688
Android (android.graphics.Color)	4285374858 (0xFF6DA18A)
YUV	142.8300, -2.3812, -29.6689
Hunter-Lab	55.2955, -20.4654, 7.9401

Details

The Yxy color **30.5759, 0.2851, 0.3688** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **20.1786, 0.3529, 0.2926**, and the grayscale version is **27.4126, 0.3127, 0.3290**.

A 20% lighter version of the original color is **60.5547, 0.2911, 0.3608**, and **12.5717, 0.2755, 0.3834** is the 20% darker color. If you saturate the color by 10%, you get **29.4483, 0.2779, 0.3836**, and if you desaturate by 10%, it is **31.9066, 0.2931, 0.3551**.

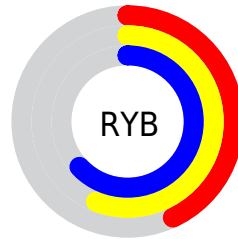
Distribution



Red (43%)

Green (63%)

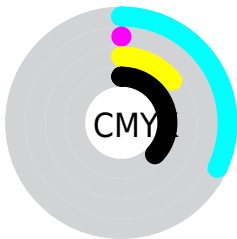
Blue (54%)



Red (43%)

Yellow (56%)

Blue (63%)

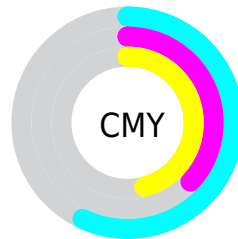


Cyan (32%)

Magenta (0%)

Yellow (14%)

Black (37%)



Cyan (57%)


Magenta (37%)

Yellow (46%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 30.5759, 0.2851, 0.3688 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 30.5759, 0.2851, 0.3688 by changing the saturation by 10% instead.


 30.5759, 0.2851,
0.3688


 30.5759, 0.2851,
0.3688

304.5797, 0.3001,
0.3470

 20.2761, 0.2809,
0.3750

 60.5717, 0.2909,
0.3603

 12.5959, 0.2752,
0.3835

 81.0366, 0.2930,
0.3573

 7.1509, 0.2670,
0.3958


 105.6586, 0.2947,
0.3549

 3.5566, 0.2542,
0.4152

 134.8222, 0.2961,
0.3528

 1.4288, 0.2306,
0.4508

168.9117, 0.2973,
0.3510

 0.2378, 0.0000,
1.0000

208.3115, 0.2984,

 0.0000, 0.0000,

0.3495

0.0000

253.4060, 0.2993,
0.3481

■ 30.5759, 0.2851,
0.3688

■ 30.5759, 0.2851,
0.3688

■ 29.4483, 0.2779,
0.3836

■ 31.9066, 0.2931,
0.3551

■ 28.5096, 0.2719,
0.3994

■ 33.4463, 0.3017,
0.3427

■ 27.7495, 0.2674,
0.4160


■ 35.2053, 0.3106,
0.3314

■ 27.1552, 0.2646,
0.4329

■ 37.1921, 0.3197,
0.3214

■ 26.7123, 0.2637,
0.4500

■ 39.4149, 0.3287,
0.3125

 26.4036, 0.2648,
0.4667

 41.8812, 0.3375,
0.3046

 26.2261, 0.2665,
0.4793

 44.5984, 0.3460,
0.2977

 47.5734, 0.3543,
0.2916

 50.8129, 0.3621,
0.2864

Harmonies

Analogous

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



30.5759, 0.3217, 0.3922



30.5759, 0.2851, 0.3688



30.5759, 0.2570, 0.3333

Triad

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



30.5759, 0.2851, 0.3688



30.5759, 0.2673, 0.2678



30.5759, 0.3871, 0.3518

Complementary

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



30.5759, 0.2851, 0.3688



20.1786, 0.3529, 0.2926

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.



30.5759, 0.3710, 0.3210



30.5759, 0.2851, 0.3688



30.5759, 0.3002, 0.2744

Square

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



30.5759, 0.2851, 0.3688



30.5759, 0.2473, 0.2759



30.5759, 0.3384, 0.2935



30.5759, 0.3817, 0.3792

Rectangle

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



30.5759, 0.2851, 0.3688



30.5759, 0.2463, 0.3095



30.5759, 0.3384, 0.2935



30.5759, 0.3840, 0.3416

Sweetspot

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



30.5772, 0.2851, 0.3688



60.5284, 0.3036, 0.3402



31.5337, 0.3307, 0.4158



13.1880, 0.3024, 0.3417



80.7346, 0.3127, 0.3290



13.9985, 0.3127, 0.3290

Same Dimension

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



30.5772, 0.2851, 0.3688



53.2219, 0.2797, 0.3797



30.4164, 0.2671, 0.3245



7.9580, 0.3044, 0.3391



20.9523, 0.2661, 0.4780



0.4496, 0.2494, 0.4177

Inverse Universe

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



20.1786, 0.3529, 0.2926



31.5589, 0.3659, 0.2840



20.1793, 0.3835, 0.3334



7.1356, 0.3219, 0.3191



6.4255, 0.5158, 0.2615



0.1445, 0.4303, 0.2144

Previews

White Background



This preview shows how the Yxy color 30.5759, 0.2851, 0.3688 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 30.5759, 0.2851, 0.3688 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

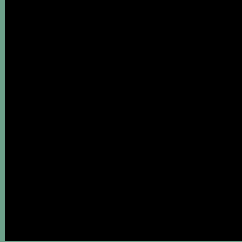
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 30.5759, 0.2851, 0.3688

Background



This preview shows how black text looks on a background with the Yxy color 30.5759, 0.2851, 0.3688.



This preview shows how white text looks on a background with the Yxy color 30.5759, 0.2851, 0.3688.

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

30.5759, 0.2851, 0.3688

Protanopia

30.2288, 0.3367, 0.3556

Deuteranopia

30.3894, 0.3404, 0.3351



Tritanopia

30.6915, 0.2664, 0.3095

Trichromacy



Original Color

30.5759, 0.2851, 0.3688

Protanomaly

29.9927, 0.3163, 0.3601

Deuteranomaly

30.1377, 0.3180, 0.3466

Tritanomaly

30.4331, 0.2724, 0.3289

Monochromacy



Original Color

30.5759, 0.2851, 0.3688

Achromatopsia

27.4677, 0.3127, 0.3290

Achromatomaly

28.5611, 0.3020, 0.3440

CSS Examples

Text

The CSS property to change the color of the text to Yxy 30.5759, 0.2851, 0.3688 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, 161, 138)` looks like.

```
.text, #text, p{  
    color:rgb(109, 161, 138)  
}
```

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, 161, 138) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(109, 161, 138) }
```

Border

The CSS property to change the border of an element to Yxy 30.5759, 0.2851, 0.3688 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, 161, 138) }
```

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

```
.border{ border-color:rgb(109, 161, 138) }
```

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

Here you see how a box with a 4 pixel `rgb(109, 161, 138)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(109, 161, 138); -webkit-box-  
shadow:4px 4px 4px 4px rgb(109, 161, 138);  
box-shadow:4px 4px 4px 4px rgb(109, 161,  
138) }
```


Background

The CSS property to change the background color of an element to Yxy 30.5759, 0.2851, 0.3688 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(109, 161, 138) }
```

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

```
.background{ background-color: rgb(109,  
161, 138) }
```

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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