

Converting Colors

$Yxy(30.5950, 0.2673, 0.3587)$

Have a look what the booklet for
Yxy(30.5950, 0.2673, 0.3587)
contains.

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Color

Yxy(30.5969, 0.2673, 0.3587)

Conversions

Conversions Part 1

Format	Color
Hex	5DA392
RGB	93, 163, 146
RGB Percent	36%, 64%, 57%
CMY	0.6353, 0.3608, 0.4274
CMYK	0.43, 0.00, 0.10, 0.36
HSL	165°, 28%, 50%
HSV	165°, 43%, 64%
XYZ	22.8005, 30.5969, 31.9020
YIQ	140.1320, -36.2630, -20.1270

Conversions

Conversions Part 2

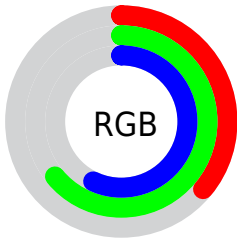
Format	Color
RYB	93, 133, 163
Decimal	6136722
CIELab	62.17, -26.25, 1.93
CIElCh	62, 26.318, 175.789
Yxy	30.5969, 0.2673, 0.3587
Android (android.graphics.Color)	4284326802 (0xFF5DA392)
YUV	140.1320, 2.8929, -41.3348
Hunter-Lab	55.3145, -23.2229, 4.5253

Details

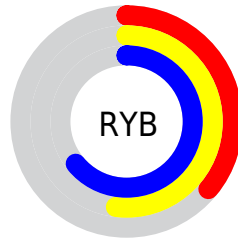
The Yxy color **30.5969, 0.2673, 0.3587** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **16.7421, 0.3941, 0.3022**, and the grayscale version is **26.2798, 0.3127, 0.3290**.

A 20% lighter version of the original color is **60.5160, 0.2766, 0.3521**, and **12.6447, 0.2515, 0.3683** is the 20% darker color. If you saturate the color by 10%, you get **29.7152, 0.2596, 0.3670**, and if you desaturate by 10%, it is **31.6666, 0.2764, 0.3509**.

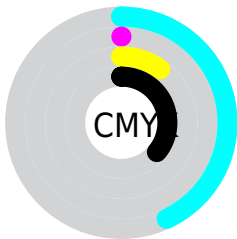
Distribution



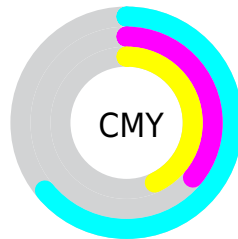
- Red (36%)
- Green (64%)
- Blue (57%)



- Red (36%)
- Yellow (52%)
- Blue (64%)



- Cyan (43%)
- Magenta (0%)
- Yellow (10%)
- Black (36%)




- Cyan (64%)
- Magenta (36%)
- Yellow (43%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 30.5969, 0.2673, 0.3587 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 30.5969, 0.2673, 0.3587 by changing the saturation by 10% instead.


 30.5969, 0.2673,
0.3587


 30.5969, 0.2673,
0.3587


304.6769, 0.2916,
0.3427


 20.2921, 0.2607,
0.3631


 60.6049, 0.2765,
0.3526


 12.6075, 0.2518,
0.3691


 81.0768, 0.2799,
0.3504

 7.1589, 0.2393,
0.3776


 105.7066, 0.2827,
0.3485

 3.5617, 0.2204,
0.3906

 134.8786, 0.2850,
0.3470

 1.4315, 0.1853,
0.4148

168.9773, 0.2870,
0.3457

 0.2398, 0.0000,
0.6556

208.3869, 0.2887,

 0.0000, 0.0000,

0.3446

0.0000

253.4920, 0.2903,
0.3436

■ 30.5969, 0.2673,
0.3587

■ 30.5969, 0.2673,
0.3587

■ 29.7152, 0.2596,
0.3670

■ 31.6666, 0.2764,
0.3509

■ 29.0061, 0.2535,
0.3756

■ 32.9313, 0.2866,
0.3436

■ 28.4580, 0.2492,
0.3844

■ 34.4020, 0.2976,
0.3368

■ 28.0558, 0.2469,
0.3933

■ 36.0879, 0.3092,
0.3307

■ 27.7819, 0.2464,
0.4021


■ 37.9976, 0.3212,
0.3252

 27.6360, 0.2468,
0.4084

 40.1392, 0.3332,
0.3202

 42.5204, 0.3451,
0.3158

 45.1486, 0.3569,
0.3119

 48.0309, 0.3683,
0.3085

Harmonies

Analogous

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



30.5969, 0.3055, 0.3928



30.5969, 0.2673, 0.3587



30.5969, 0.2421, 0.3170

Triad

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



30.5969, 0.2673, 0.3587



30.5969, 0.2750, 0.2617



30.5969, 0.3971, 0.3672

Complementary

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



30.5969, 0.2673, 0.3587



16.7421, 0.3941, 0.3022

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.



30.5969, 0.3885, 0.3334



30.5969, 0.2673, 0.3587



30.5969, 0.3155, 0.2751

Square

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



30.5969, 0.2673, 0.3587



30.5969, 0.2464, 0.2638



30.5969, 0.3578, 0.3006



30.5969, 0.3814, 0.3944

Rectangle

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



30.5969, 0.2673, 0.3587



30.5969, 0.2352, 0.2927



30.5969, 0.3578, 0.3006



30.5969, 0.3970, 0.3563

Sweetspot

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



30.5981, 0.2673, 0.3587



61.5256, 0.2973, 0.3370



30.3329, 0.3220, 0.4529



13.6862, 0.2949, 0.3384



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.



30.5981, 0.2673, 0.3587



53.2132, 0.2596, 0.3670



25.3766, 0.2505, 0.2981



7.9817, 0.3018, 0.3345



21.4852, 0.2466, 0.4076



0.4582, 0.2377, 0.3756

Inverse Universe

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



16.7421, 0.3941, 0.3022



24.9345, 0.4244, 0.2966



19.8382, 0.4089, 0.3572



7.1129, 0.3248, 0.3236



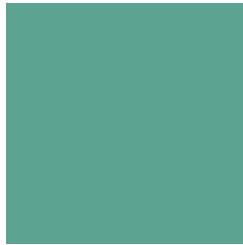
6.1746, 0.5908, 0.3028



0.1367, 0.4974, 0.2514

Previews

White Background



This preview shows how the Yxy color 30.5969, 0.2673, 0.3587 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 30.5969, 0.2673, 0.3587 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

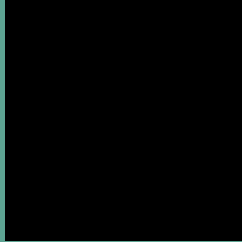
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 30.5969, 0.2673, 0.3587

Background



This preview shows how black text looks on a background with the Yxy color 30.5969, 0.2673, 0.3587.

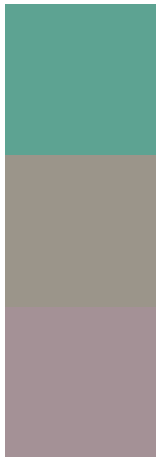


This preview shows how white text looks on a background with the Yxy color 30.5969, 0.2673, 0.3587.

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

30.5969, 0.2673, 0.3587

Protanopia

30.2984, 0.3297, 0.3462

Deuteranopia

30.3453, 0.3279, 0.3216



Tritanopia

30.4842, 0.2531, 0.3074

Trichromacy



Original Color

30.5969, 0.2673, 0.3587

Protanomaly

29.9398, 0.3029, 0.3504

Deuteranomaly

30.0297, 0.3016, 0.3338

Tritanomaly

30.3273, 0.2574, 0.3238

Monochromacy



Original Color

30.5969, 0.2673, 0.3587

Achromatopsia

26.2251, 0.3127, 0.3290

Achromatomaly

27.3438, 0.2933, 0.3392

CSS Examples

Text

The CSS property to change the color of the text to Yxy 30.5969, 0.2673, 0.3587 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(93, 163, 146)` looks like.

```
.text, #text, p{  
    color:rgb(93, 163, 146)  
}
```

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(93, 163, 146) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(93, 163, 146) }
```

Border

The CSS property to change the border of an element to Yxy 30.5969, 0.2673, 0.3587 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(93, 163, 146) }
```

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

```
.border{ border-color:rgb(93, 163, 146) }
```

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

Here you see how a box with a 4 pixel `rgb(93, 163, 146)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(93, 163, 146); -webkit-box-  
shadow:4px 4px 4px 4px rgb(93, 163, 146);  
box-shadow:4px 4px 4px 4px rgb(93, 163,  
146) }
```


Background

The CSS property to change the background color of an element to $\text{Yxy } 30.5969, 0.2673, 0.3587$ is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(93, 163, 146) }
```

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

```
.background{ background-color: rgb(93, 163,  
146) }
```

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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