

Converting Colors

$Yxy(30.9629, 0.2463, 0.3184)$

Have a look what the booklet for
Yxy(30.9629, 0.2463, 0.3184)
contains.

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Color

Yxy(30.9438, 0.2463, 0.3187)

Conversions

Conversions Part 1

Format	Color
Hex	54A3A9
RGB	84, 163, 169
RGB Percent	33%, 64%, 66%
CMY	0.6705, 0.3608, 0.3374
CMYK	0.50, 0.04, 0.00, 0.34
HSL	184°, 34%, 50%
HSV	184°, 50%, 66%
XYZ	23.9142, 30.9438, 42.2358
YIQ	140.0630, -49.0100, -14.8820

Conversions

Conversions Part 2

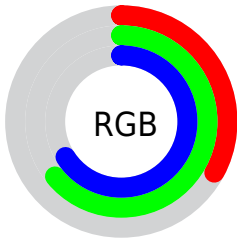
Format	Color
RYB	84, 125, 169
Decimal	5546921
CIELab	62.46, -22.54, -10.58
CIElCh	62, 24.899, 205.155
Yxy	30.9438, 0.2463, 0.3187
Android (android.graphics.Color)	4283737001 (0xFF54A3A9)
YUV	140.0630, 14.2659, -49.1673
Hunter-Lab	55.6272, -20.6101, -6.0779

Details

The Yxy color **30.9438, 0.2463, 0.3187** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **16.3845, 0.4464, 0.3384**, and the grayscale version is **26.2113, 0.3127, 0.3290**.

A 20% lighter version of the original color is **61.1001, 0.2595, 0.3213**, and **12.8020, 0.2251, 0.3138** is the 20% darker color. If you saturate the color by 10%, you get **29.8369, 0.2372, 0.3164**, and if you desaturate by 10%, it is **32.2451, 0.2571, 0.3210**.

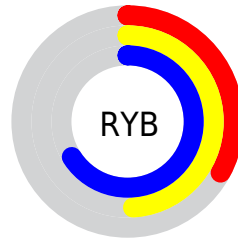
Distribution



Red (33%)

Green (64%)

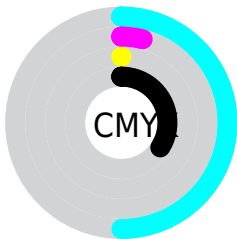
Blue (66%)



Red (33%)

Yellow (49%)

Blue (66%)

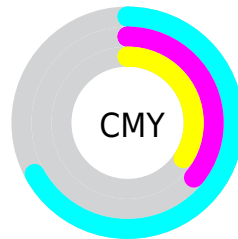


Cyan (50%)

Magenta (4%)

Yellow (0%)

Black (34%)



Cyan (67%)


Magenta (36%)


Yellow (34%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 30.9438, 0.2463, 0.3187 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 30.9438, 0.2463, 0.3187 by changing the saturation by 10% instead.


 30.9438, 0.2463,
0.3187


 30.9438, 0.2463,
0.3187


306.2793, 0.2810,
0.3250

 20.5561, 0.2372,
0.3167


 61.1516, 0.2593,
0.3213


 12.7999, 0.2252,
0.3138


 81.7404, 0.2640,
0.3222

 7.2909, 0.2088,
0.3094


 106.4984, 0.2680,
0.3229

 3.6447, 0.1852,
0.3020

 135.8099, 0.2714,
0.3235

 1.4769, 0.1484,
0.2881

170.0594, 0.2743,
0.3239

 0.2724, 0.0000,
0.2078

209.6312, 0.2768,

 0.0000, 0.0000,

0.3243

0.0000

254.9097, 0.2791,
0.3247

■ 30.9438, 0.2463,
0.3187

■ 30.9438, 0.2463,
0.3187

■ 29.8369, 0.2372,
0.3164

■ 32.2451, 0.2571,
0.3210

■ 28.9071, 0.2299,
0.3140

■ 33.7497, 0.2693,
0.3232

■ 28.1400, 0.2245,
0.3116

■ 35.4701, 0.2828,
0.3252

■ 27.5171, 0.2209,
0.3093

■ 37.4167, 0.2972,
0.3272

■ 27.0099, 0.2186,
0.3070

■ 39.5994, 0.3123,
0.3290

■ 42.0275, 0.3277,
0.3306

■ 44.7095, 0.3433,
0.3320

■ 47.6538, 0.3587,
0.3333

■ 50.8683, 0.3739,
0.3345

Harmonies

Analogous

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



30.9438, 0.2706, 0.3578



30.9438, 0.2463, 0.3187



30.9438, 0.2390, 0.2860

Triad

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



30.9438, 0.2463, 0.3187



30.9438, 0.3146, 0.2775



30.9438, 0.3781, 0.3904

Complementary

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



30.9438, 0.2463, 0.3187



16.3845, 0.4464, 0.3384

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.



30.9438, 0.3923, 0.3647



30.9438, 0.2463, 0.3187



30.9438, 0.3545, 0.3016

Square

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



30.9438, 0.2463, 0.3187



30.9438, 0.2764, 0.2652



30.9438, 0.3837, 0.3326



30.9438, 0.3464, 0.4009

Rectangle

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



30.9438, 0.2463, 0.3187



30.9438, 0.2441, 0.2719



30.9438, 0.3837, 0.3326



30.9438, 0.3851, 0.3831

Sweetspot

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



30.9450, 0.2463, 0.3187



65.2394, 0.2899, 0.3262



30.9856, 0.3017, 0.4752



14.0680, 0.2871, 0.3258



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.



30.9450, 0.2463, 0.3187



53.3088, 0.2365, 0.3162



18.3846, 0.2315, 0.2414



8.4404, 0.2987, 0.3274



20.1693, 0.2187, 0.3073



0.5165, 0.2208, 0.3150

Inverse Universe

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



17.4211, 0.3259, 0.2172



26.6958, 0.3291, 0.1979



25.6196, 0.4111, 0.4015



7.6574, 0.3148, 0.3083



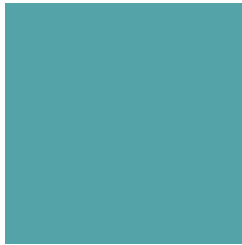
8.1072, 0.3390, 0.1641



0.1999, 0.3325, 0.1605

Previews

White Background



This preview shows how the Yxy color 30.9438, 0.2463, 0.3187 looks on a white background.

Color Contrast Check

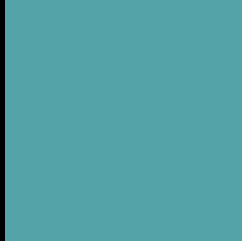
Large Text (above 18pt) WCAG AA × Fail

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 30.9438, 0.2463, 0.3187 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

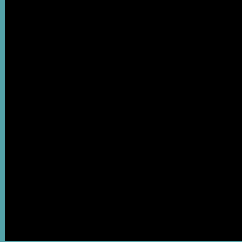
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 30.9438, 0.2463, 0.3187

Background



This preview shows how black text looks on a background with the Yxy color 30.9438, 0.2463, 0.3187.

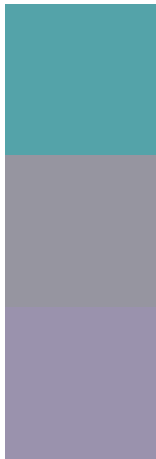


This preview shows how white text looks on a background with the Yxy color 30.9438, 0.2463, 0.3187.

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

30.9438, 0.2463, 0.3187

Protanopia

30.5170, 0.3035, 0.3121

Deuteranopia

30.4449, 0.2956, 0.2890



Tritanopia

30.9142, 0.2434, 0.3072

Trichromacy



Original Color

30.9438, 0.2463, 0.3187

Protanomaly

30.1912, 0.2788, 0.3144

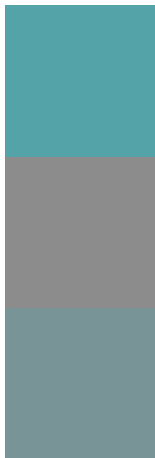
Deuteranomaly

30.1022, 0.2740, 0.2974

Tritanomaly

30.7891, 0.2440, 0.3104

Monochromacy



Original Color

30.9438, 0.2463, 0.3187

Achromatopsia

26.2251, 0.3127, 0.3290

Achromatomaly

27.4072, 0.2826, 0.3238

CSS Examples

Text

The CSS property to change the color of the text to Yxy 30.9438, 0.2463, 0.3187 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(84, 163, 169)` looks like.

```
.text, #text, p{  
    color:rgb(84, 163, 169)  
}
```

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(84, 163, 169) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(84, 163, 169) }
```

Border

The CSS property to change the border of an element to Yxy 30.9438, 0.2463, 0.3187 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(84, 163, 169) }
```

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

```
.border{ border-color:rgb(84, 163, 169) }
```

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

Here you see how a box with a 4 pixel `rgb(84, 163, 169)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(84, 163, 169); -webkit-box-  
shadow:4px 4px 4px 4px rgb(84, 163, 169);  
box-shadow:4px 4px 4px 4px rgb(84, 163,  
169) }
```


Background

The CSS property to change the background color of an element to Yxy 30.9438, 0.2463, 0.3187 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(84, 163, 169) }
```

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

```
.background{ background-color: rgb(84, 163,  
169) }
```

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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