

Converting Colors

$Yxy(30.2635, 0.2463, 0.3323)$

Have a look what the booklet for
Yxy(30.2635, 0.2463, 0.3323)
contains.

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Color

Yxy(30.2635, 0.2463, 0.3323)

Conversions

Conversions Part 1

Format	Color
Hex	4BA3A1
RGB	75, 163, 161
RGB Percent	29%, 64%, 63%
CMY	0.7059, 0.3608, 0.3686
CMYK	0.54, 0.00, 0.01, 0.36
HSL	179°, 37%, 47%
HSV	179°, 54%, 64%
XYZ	22.4312, 30.2635, 38.3781
YIQ	136.4600, -51.8060, -19.2780

Conversions

Conversions Part 2

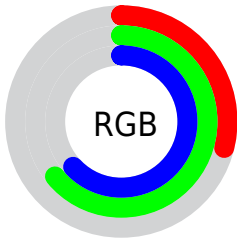
Format	Color
RYB	75, 120, 163
Decimal	4957089
CIELab	61.88, -26.71, -7.00
CIElCh	62, 27.608, 194.687
Yxy	30.2635, 0.2463, 0.3323
Android (android.graphics.Color)	4283147169 (0xFF4BA3A1)
YUV	136.4600, 12.0982, -53.9004
Hunter-Lab	55.0123, -23.4882, -2.8538

Details

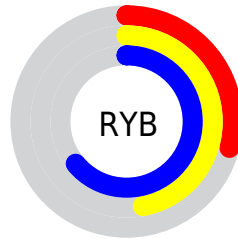
The Yxy color **30.2635, 0.2463, 0.3323** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **13.3536, 0.4634, 0.3264**, and the grayscale version is **24.7701, 0.3127, 0.3290**.

A 20% lighter version of the original color is **60.0062, 0.2595, 0.3314**, and **12.4947, 0.2254, 0.3313** is the 20% darker color. If you saturate the color by 10%, you get **29.6765, 0.2388, 0.3330**, and if you desaturate by 10%, it is **31.0213, 0.2556, 0.3316**.

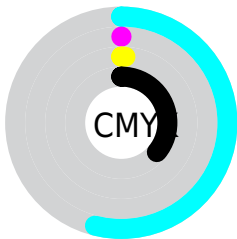
Distribution



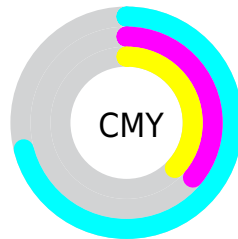
- Red (29%)
- Green (64%)
- Blue (63%)



- Red (29%)
- Yellow (47%)
- Blue (64%)



- Cyan (54%)
- Magenta (0%)
- Yellow (1%)
- Black (36%)




- Cyan (71%)
- Magenta (36%)
- Yellow (37%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 30.2635, 0.2463, 0.3323 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 30.2635, 0.2463, 0.3323 by changing the saturation by 10% instead.


 30.2635, 0.2463,
0.3323

 30.2635, 0.2463,
0.3323


303.1308, 0.2813,
0.3313

 20.0387, 0.2370,
0.3323


 60.0786, 0.2594,
0.3321


 12.4232, 0.2248,
0.3321


 80.4377, 0.2642,
0.3320


 7.0326, 0.2079,
0.3314

 104.9437, 0.2682,
0.3318

 3.4825, 0.1833,
0.3296

 133.9810, 0.2716,
0.3317

 1.3885, 0.1404,
0.3260

 167.9339, 0.2746,
0.3316

 0.2082, 0.0000,
0.2253

207.1870, 0.2771,

 0.0000, 0.0000,

0.3315

0.0000

252.1244, 0.2793,
0.3314

■ 30.2635, 0.2463,
0.3323

■ 30.2635, 0.2463,
0.3323

■ 29.6765, 0.2388,
0.3330

■ 31.0213, 0.2556,
0.3316

■ 29.2436, 0.2332,
0.3337

■ 31.9580, 0.2665,
0.3309

■ 28.9509, 0.2295,
0.3345

■ 33.0857, 0.2788,
0.3303

■ 28.7803, 0.2274,
0.3352

■ 34.4140, 0.2923,
0.3297

■ 28.7094, 0.2266,
0.3356

■ 35.9523, 0.3068,
0.3292

■ 37.7091, 0.3218,
0.3287

■ 39.6925, 0.3372,
0.3283

■ 41.9103, 0.3527,
0.3279

■ 44.3699, 0.3681,
0.3276

Harmonies

Analogous

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



30.2635, 0.2786, 0.3756



30.2635, 0.2463, 0.3323



30.2635, 0.2316, 0.2919

Triad

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



30.2635, 0.2463, 0.3323



30.2635, 0.2989, 0.2656



30.2635, 0.3937, 0.3884

Complementary

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



30.2635, 0.2463, 0.3323



13.3536, 0.4634, 0.3264

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.



30.2635, 0.4013, 0.3560



30.2635, 0.2463, 0.3323



30.2635, 0.3443, 0.2881

Square

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



30.2635, 0.2463, 0.3323



30.2635, 0.2601, 0.2572



30.2635, 0.3829, 0.3202



30.2635, 0.3639, 0.4078

Rectangle

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



30.2635, 0.2463, 0.3323



30.2635, 0.2326, 0.2725



30.2635, 0.3829, 0.3202



30.2635, 0.3991, 0.3785

Sweetspot

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



30.2647, 0.2463, 0.3323



61.0490, 0.2891, 0.3299



28.3203, 0.3070, 0.4967



13.6044, 0.2865, 0.3300



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.



30.2647, 0.2463, 0.3323



52.9509, 0.2374, 0.3332



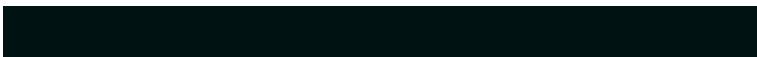
18.0422, 0.2294, 0.2514



8.0085, 0.2991, 0.3295



22.3123, 0.2265, 0.3355



0.4696, 0.2258, 0.3329

Inverse Universe

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



13.3536, 0.4634, 0.3264



19.3917, 0.5192, 0.3264



20.8003, 0.4277, 0.3932



7.0885, 0.3281, 0.3285



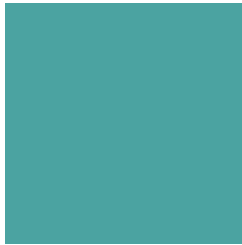
6.0588, 0.6369, 0.3282



0.1280, 0.6219, 0.3200

Previews

White Background



This preview shows how the Yxy color 30.2635, 0.2463, 0.3323 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 30.2635, 0.2463, 0.3323 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

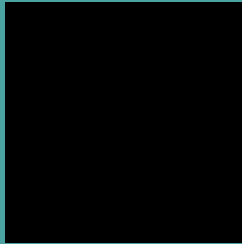
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 30.2635, 0.2463, 0.3323

Background



This preview shows how black text looks on a background with the Yxy color 30.2635, 0.2463, 0.3323.

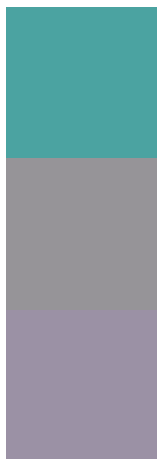


This preview shows how white text looks on a background with the Yxy color 30.2635, 0.2463, 0.3323.

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

30.2635, 0.2463, 0.3323

Protanopia

29.9308, 0.3110, 0.3228

Deuteranopia

29.9360, 0.3039, 0.2989



Tritanopia

30.2512, 0.2403, 0.3069

Trichromacy



Original Color

30.2635, 0.2463, 0.3323

Protanomaly

29.3600, 0.2825, 0.3256

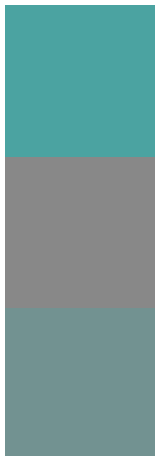
Deuteranomaly

29.5724, 0.2777, 0.3095

Tritanomaly

30.3249, 0.2426, 0.3168

Monochromacy



Original Color

30.2635, 0.2463, 0.3323

Achromatopsia

24.6201, 0.3127, 0.3290

Achromatomaly

26.1795, 0.2820, 0.3307

CSS Examples

Text

The CSS property to change the color of the text to Yxy 30.2635, 0.2463, 0.3323 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(75, 163, 161)` looks like.

```
.text, #text, p{  
    color:rgb(75, 163, 161)  
}
```

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(75, 163, 161) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(75, 163, 161) }
```

Border

The CSS property to change the border of an element to Yxy 30.2635, 0.2463, 0.3323 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(75, 163, 161) }
```

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

```
.border{ border-color:rgb(75, 163, 161) }
```

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

Here you see how a box with a 4 pixel `rgb(75, 163, 161)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(75, 163, 161); -webkit-box-  
shadow:4px 4px 4px 4px rgb(75, 163, 161);  
box-shadow:4px 4px 4px 4px rgb(75, 163,  
161) }
```


Background

The CSS property to change the background color of an element to Yxy 30.2635, 0.2463, 0.3323 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(75, 163, 161) }
```

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

```
.background{ background-color: rgb(75, 163,  
161) }
```

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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