

Converting Colors

Yxy(43.6609, 0.2851, 0.3041)

Have a look what the booklet for
Yxy(43.6609, 0.2851, 0.3041)
contains.

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Color

Yxy(43.5534, 0.2850, 0.3035)

Conversions

Conversions Part 1	
Format	Color
Hex	A2B2C5
RGB	162, 178, 197
RGB Percent	64%, 70%, 77%
CMY	0.3646, 0.3020, 0.2276
CMYK	0.18, 0.10, 0.00, 0.23
HSL	213°, 23%, 70%
HSV	213°, 18%, 77%
XYZ	40.8986, 43.5534, 59.0518
YIQ	175.3820, -15.6350, 2.5170

Conversions

Conversions Part 2

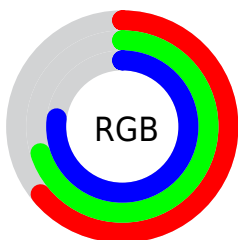
Format	Color
RYB	162, 173, 197
Decimal	10662597
CIELab	71.93, -1.52, -11.50
CIELCh	72, 11.599, 262.446
Yxy	43.5534, 0.2850, 0.3035
Android (android.graphics.Color)	4288852677 (0xFFA2B2C5)
YUV	175.3820, 10.6577, -11.7360
Hunter-Lab	65.9950, -4.8708, -6.8557

Details

The Yxy color `43.5534, 0.2850, 0.3035` is a light color, and the websafe version is hex `999999`. A complement of this color would be `47.5165, 0.3424, 0.3532`, and the grayscale version is `43.0296, 0.3127, 0.3290`.

A 20% lighter version of the original color is `80.7531, 0.2898, 0.3082`, and `19.9654, 0.2772, 0.2956` is the 20% darker color. If you saturate the color by 10%, you get `37.5618, 0.2686, 0.2869`, and if you desaturate by 10%, it is `50.2031, 0.3009, 0.3185`.

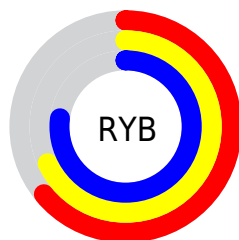
Distribution



Red (64%)

Green (70%)

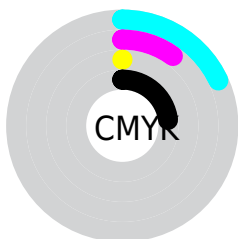
Blue (77%)



Red (64%)

Yellow (68%)

Blue (77%)

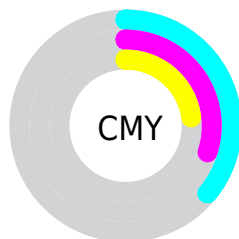


Cyan (18%)

Magenta (10%)

Yellow (0%)

Black (23%)



Cyan (36%)


Magenta (30%)

Yellow (23%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 43.5534, 0.2850, 0.3035 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 43.5534, 0.2850, 0.3035 by changing the saturation by 10% instead.


 43.5534, 0.2850,
0.3035

 43.5534, 0.2850,
0.3035


 360.8827, 0.2989,
0.3164


 30.3196, 0.2815,
0.3002


 80.5453, 0.2901,
0.3082


 20.0813, 0.2770,
0.2961


 105.0721, 0.2920,
0.3100

 12.4541, 0.2710,
0.2904


 134.1321, 0.2936,
0.3115

 7.0538, 0.2627,
0.2826

 168.1096, 0.2950,
0.3127

 3.4957, 0.2502,
0.2707

 207.3890, 0.2961,
0.3138

 1.3957, 0.2296,
0.2510


 252.3547, 0.2972,

 0.2135, 0.1169,

0.3148


0.1506


303.3912, 0.2981,
0.3156


 0.0000, 0.0000,
0.0000


 43.5534, 0.2850,
0.3035

 43.5534, 0.2850,
0.3035

 37.5618, 0.2686,
0.2869


 50.2031, 0.3009,
0.3185


 32.2005, 0.2519,
0.2688


 57.5269, 0.3161,
0.3319

 27.4473, 0.2355,
0.2493

 65.5467, 0.3304,
0.3438

 23.2764, 0.2198,
0.2288

 74.2819, 0.3437,
0.3542

 19.6599, 0.2053,
0.2077

 82.6917, 0.3521,
0.3639

■ 16.5668, 0.1927,
0.1866

■ 88.8745, 0.3498,
0.3741

■ 13.9620, 0.1825,
0.1663

■ 95.4292, 0.3476,
0.3841

■ 11.7981, 0.1747,
0.1472

■ 96.8095, 0.3472,
0.3860

■ 11.3546, 0.1731,
0.1431

Harmonies

Analogous

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



43.5534, 0.2809, 0.3127



43.5534, 0.2850, 0.3035



43.5534, 0.2964, 0.3011

Triad

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



43.5534, 0.2850, 0.3035



43.5534, 0.3411, 0.3301



43.5534, 0.3124, 0.3538

Complementary

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



43.5534, 0.2850, 0.3035



47.5165, 0.3424, 0.3532

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.



43.5534, 0.3287, 0.3583



43.5534, 0.2850, 0.3035



43.5534, 0.3456, 0.3440

Square

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



43.5534, 0.2850, 0.3035



43.5534, 0.3288, 0.3163



43.5534, 0.3410, 0.3544



43.5534, 0.2965, 0.3421

Rectangle

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



43.5534, 0.2850, 0.3035



43.5534, 0.3068, 0.3035



43.5534, 0.3410, 0.3544



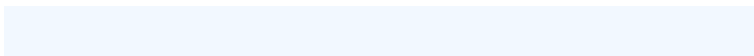
43.5534, 0.3180, 0.3562

Sweetspot

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



43.5552, 0.2850, 0.3035



93.3260, 0.3050, 0.3222



50.9220, 0.2974, 0.3508



19.7803, 0.3039, 0.3212



0.0000, 0.0000, 0.0000



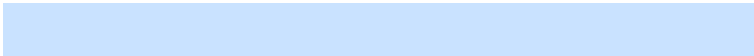
21.4041, 0.3127, 0.3290

Same Dimension

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



43.5552, 0.2850, 0.3035



74.0597, 0.2792, 0.2977



37.6850, 0.2849, 0.2815



11.0732, 0.2983, 0.3161



7.6342, 0.1737, 0.1454



0.5059, 0.1849, 0.1856

Inverse Universe

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



40.9289, 0.3316, 0.3086



68.7311, 0.3363, 0.3043



54.2343, 0.3381, 0.3728



10.7163, 0.3219, 0.3185



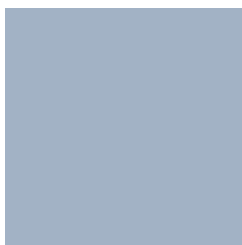
8.3107, 0.5119, 0.2593



0.4081, 0.4619, 0.2318

Previews

White Background



This preview shows how the Yxy color 43.5534, 0.2850, 0.3035 looks on a white background.

Color Contrast Check

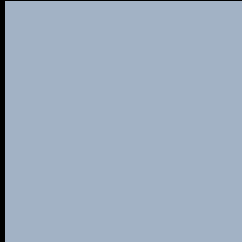
Large Text (above 18pt) WCAG AA × Fail

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 43.5534, 0.2850, 0.3035 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

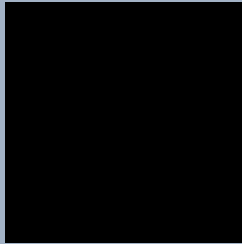
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

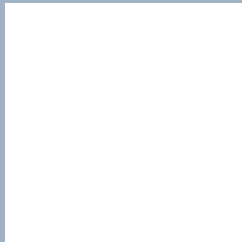
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 43.5534, 0.2850, 0.3035

Background



This preview shows how black text looks on a background with the Yxy color 43.5534, 0.2850, 0.3035.



This preview shows how white text looks on a background with the Yxy color 43.5534, 0.2850, 0.3035.

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

43.5534, 0.2850, 0.3035

Protanopia

43.5987, 0.2960, 0.3027

Deuteranopia

43.2703, 0.3013, 0.2944



Tritanopia

43.6675, 0.2871, 0.3100

Trichromacy



Original Color

43.5534, 0.2850, 0.3035

Protanomaly

43.5822, 0.2920, 0.3025

Deuteranomaly

43.4633, 0.2945, 0.2977

Tritanomaly

43.7123, 0.2864, 0.3087

Monochromacy



Original Color

43.5534, 0.2850, 0.3035

Achromatopsia

42.8690, 0.3127, 0.3290

Achromatomaly

43.0156, 0.3019, 0.3195

CSS Examples

Text

The CSS property to change the color of the text to Yxy 43.5534, 0.2850, 0.3035 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(162, 178, 197) looks like.

```
.text, #text, p{  
    color:rgb(162, 178, 197)  
}
```

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(162, 178, 197) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(162, 178, 197) }
```

Border

The CSS property to change the border of an element to Yxy 43.5534, 0.2850, 0.3035 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(162, 178, 197) }
```

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

```
.border{ border-color:rgb(162, 178, 197) }
```

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

Here you see how a box with a 4 pixel `rgb(162, 178, 197)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(162, 178, 197); -webkit-box-  
shadow:4px 4px 4px 4px rgb(162, 178, 197);  
box-shadow:4px 4px 4px 4px rgb(162, 178,  
197) }
```


Background

The CSS property to change the background color of an element to Yxy 43.5534, 0.2850, 0.3035 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(162, 178, 197) }
```

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

```
.background{ background-color: rgb(162,  
178, 197) }
```

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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