

Converting Colors

$Y_{xy}(46.1597, 0.2955, 0.3322)$

Have a look what the booklet for
Yxy(46.1597, 0.2955, 0.3322)
contains.

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Color

Yxy(46.2181, 0.2955, 0.3330)

Conversions

Conversions Part 1

Format	Color
Hex	A2BAB7
RGB	162, 186, 183
RGB Percent	64%, 73%, 72%
CMY	0.3645, 0.2706, 0.2823
CMYK	0.13, 0.00, 0.02, 0.27
HSL	173°, 15%, 68%
HSV	173°, 13%, 73%
XYZ	41.0134, 46.2181, 51.5616
YIQ	178.4820, -13.3410, -6.0210

Conversions

Conversions Part 2

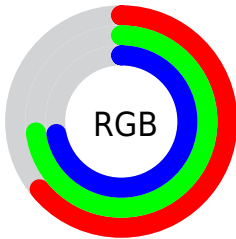
Format	Color
RYB	162, 175, 186
Decimal	10664631
CIELab	73.69, -8.75, -1.26
CIElCh	74, 8.839, 188.181
Yxy	46.2181, 0.2955, 0.3330
Android (android.graphics.Color)	4288854711 (0xFFA2BAB7)
YUV	178.4820, 2.2274, -14.4547
Hunter-Lab	67.9839, -11.2862, 2.6209

Details

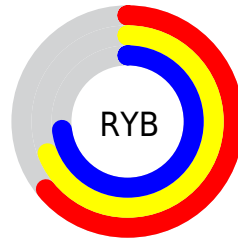
The Yxy color **46.2181, 0.2955, 0.3330** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **39.0125, 0.3330, 0.3251**, and the grayscale version is **44.7876, 0.3127, 0.3290**.

A 20% lighter version of the original color is **84.4880, 0.2985, 0.3321**, and **21.7018, 0.2906, 0.3346** is the 20% darker color. If you saturate the color by 10%, you get **44.3176, 0.2829, 0.3364**, and if you desaturate by 10%, it is **48.4122, 0.3088, 0.3299**.

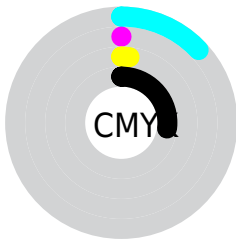
Distribution



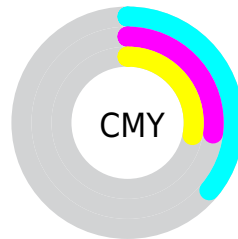
- Red (64%)
- Green (73%)
- Blue (72%)



- Red (64%)
- Yellow (69%)
- Blue (73%)



- Cyan (13%)
- Magenta (0%)
- Yellow (2%)
- Black (27%)





- Cyan (36%)
- Magenta (27%)
- Yellow (28%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 46.2181, 0.2955, 0.3330 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 46.2181, 0.2955, 0.3330 by changing the saturation by 10% instead.


 46.2181, 0.2955,
0.3330

 46.2181, 0.2955,
0.3330

371.6848, 0.3041,
0.3310

 32.4180, 0.2934,
0.3335

 84.5453, 0.2986,
0.3323

 21.6809, 0.2906,
0.3341


 109.8412, 0.2998,
0.3320

 13.6227, 0.2869,
0.3349


139.7377, 0.3008,
0.3318

 7.8587, 0.2818,
0.3360

174.6194, 0.3016,
0.3316

 4.0047, 0.2741,
0.3376

214.8705, 0.3024,
0.3314

 1.6762, 0.2614,
0.3402

260.8755, 0.3030,

 0.4082, 0.1564,

0.3313

0.3661

313.0188, 0.3036,
0.3312

0.0000, 0.0000,
0.0000

46.2181, 0.2955,
0.3330

46.2181, 0.2955,
0.3330

44.3176, 0.2829,
0.3364

48.4122, 0.3088,
0.3299

42.6923, 0.2714,
0.3401

50.9058, 0.3226,
0.3270

41.3306, 0.2612,
0.3441

53.7122, 0.3365,
0.3244

40.2177, 0.2525,
0.3482

56.8418, 0.3505,
0.3222

39.3376, 0.2455,
0.3524

60.2971, 0.3643,
0.3202

■ 38.6722, 0.2404,
0.3567

■ 60.4026, 0.3623,
0.3178

■ 38.2009, 0.2373,
0.3611

■ 60.5097, 0.3603,
0.3154

■ 37.8988, 0.2359,
0.3654

■ 60.6184, 0.3584,
0.3130

■ 37.7518, 0.2357,
0.3684

■ 60.7289, 0.3564,
0.3106

Harmonies

Analogous

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



46.2181, 0.3060, 0.3434



46.2181, 0.2955, 0.3330



46.2181, 0.2896, 0.3217

Triad

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



46.2181, 0.2955, 0.3330



46.2181, 0.3066, 0.3092



46.2181, 0.3362, 0.3449

Complementary

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



46.2181, 0.2955, 0.3330



39.0125, 0.3330, 0.3251

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.



46.2181, 0.3364, 0.3356



46.2181, 0.2955, 0.3330



46.2181, 0.3191, 0.3153

Square

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



46.2181, 0.2955, 0.3330



46.2181, 0.2959, 0.3083



46.2181, 0.3301, 0.3248



46.2181, 0.3296, 0.3502

Rectangle

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



46.2181, 0.2955, 0.3330



46.2181, 0.2890, 0.3153



46.2181, 0.3301, 0.3248



46.2181, 0.3371, 0.3421

Sweetspot

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



46.2200, 0.2955, 0.3330



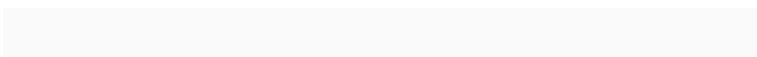
87.2562, 0.3072, 0.3302



45.7499, 0.3138, 0.3621



19.1459, 0.3062, 0.3304



95.5105, 0.3127, 0.3290



19.5994, 0.3127, 0.3290

Same Dimension

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



46.2200, 0.2955, 0.3330



82.9190, 0.2924, 0.3338



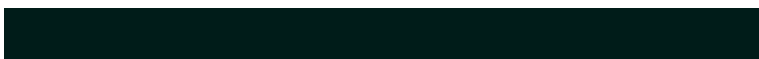
42.7590, 0.2930, 0.3169



10.1908, 0.3001, 0.3319



25.4080, 0.2355, 0.3679



0.9011, 0.2324, 0.3568

Inverse Universe

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



39.0125, 0.3330, 0.3251



67.6973, 0.3374, 0.3243



42.1085, 0.3343, 0.3408



9.0300, 0.3269, 0.3262



7.0715, 0.6222, 0.3201



0.2552, 0.5688, 0.2907

Previews

White Background



This preview shows how the Yxy color 46.2181, 0.2955, 0.3330 looks on a white background.

Color Contrast Check

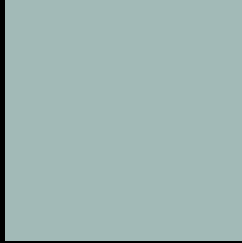
Large Text (above 18pt) WCAG AA × Fail

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 46.2181, 0.2955, 0.3330 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

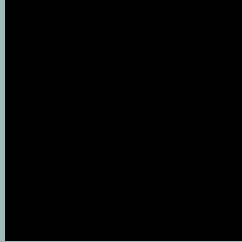
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

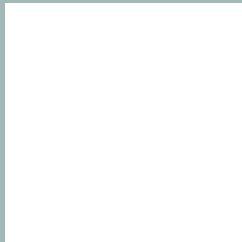
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 46.2181, 0.2955, 0.3330

Background



This preview shows how black text looks on a background with the Yxy color 46.2181, 0.2955, 0.3330.

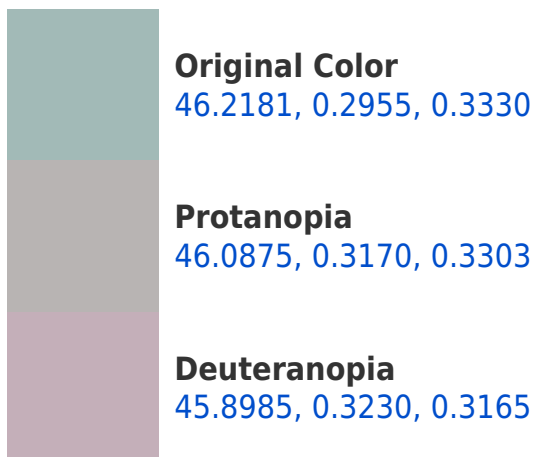


This preview shows how white text looks on a background with the Yxy color 46.2181, 0.2955, 0.3330.

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





Tritanopia

46.3575, 0.2870, 0.3105

Trichromacy



Original Color

46.2181, 0.2955, 0.3330

Protanomaly

45.9813, 0.3092, 0.3316

Deuteranomaly

45.8912, 0.3130, 0.3225

Tritanomaly

46.4407, 0.2898, 0.3183

Monochromacy



Original Color

46.2181, 0.2955, 0.3330

Achromatopsia

44.5201, 0.3127, 0.3290

Achromatomaly

45.1137, 0.3059, 0.3303

CSS Examples

Text

The CSS property to change the color of the text to Yxy 46.2181, 0.2955, 0.3330 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, 186, 183)` looks like.

```
.text, #text, p{  
    color:rgb(162, 186, 183)  
}
```

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, 186, 183) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(162, 186, 183) }
```

Border

The CSS property to change the border of an element to Yxy 46.2181, 0.2955, 0.3330 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, 186, 183) }
```

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

```
.border{ border-color:rgb(162, 186, 183) }
```

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

Here you see how a box with a 4 pixel `rgb(162, 186, 183)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(162, 186, 183); -webkit-box-  
shadow:4px 4px 4px 4px rgb(162, 186, 183);  
box-shadow:4px 4px 4px 4px rgb(162, 186,  
183) }
```


Background

The CSS property to change the background color of an element to Yxy 46.2181, 0.2955, 0.3330 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(162, 186, 183) }
```

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

```
.background{ background-color: rgb(162,  
186, 183) }
```

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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