

Converting Colors

$Yxy(57.2922, 0.2845, 0.3373)$

Have a look what the booklet for
Yxy(57.2922, 0.2845, 0.3373)
contains.

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Color

Yxy(57.1625, 0.2845, 0.3366)

Conversions

Conversions Part 1

Format	Color
Hex	A3D0CA
RGB	163, 208, 202
RGB Percent	64%, 82%, 79%
CMY	0.3609, 0.1843, 0.2080
CMYK	0.22, 0.00, 0.03, 0.18
HSL	172°, 32%, 73%
HSV	172°, 22%, 82%
XYZ	48.3147, 57.1625, 64.3460
YIQ	193.8610, -24.8940, -11.4060

Conversions

Conversions Part 2

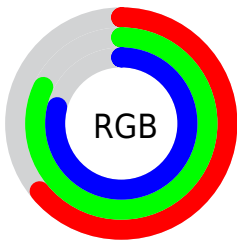
Format	Color
RYB	163, 187, 208
Decimal	10735818
CIELab	80.27, -15.92, -1.85
CIELCh	80, 16.028, 186.633
Yxy	57.1625, 0.2845, 0.3366
Android (android.graphics.Color)	4288925898 (0xFFA3D0CA)
YUV	193.8610, 4.0125, -27.0651
Hunter-Lab	75.6059, -18.2428, 2.4641

Details

The Yxy color **57.1625, 0.2845, 0.3366** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **42.4643, 0.3504, 0.3216**, and the grayscale version is **53.8471, 0.3127, 0.3290**.

A 20% lighter version of the original color is **93.8001, 0.2911, 0.3289**, and **28.5643, 0.2771, 0.3393** is the 20% darker color. If you saturate the color by 10%, you get **55.0161, 0.2729, 0.3406**, and if you desaturate by 10%, it is **59.6771, 0.2971, 0.3329**.

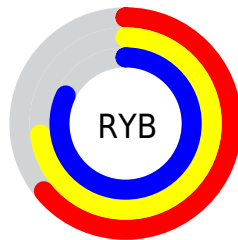
Distribution



Red (64%)

Green (82%)

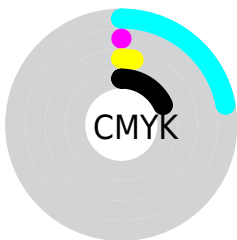
Blue (79%)



Red (64%)

Yellow (73%)

Blue (82%)

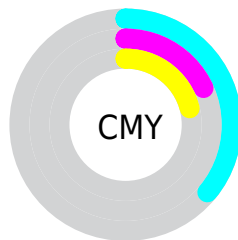


Cyan (22%)

Magenta (0%)

Yellow (3%)

Black (18%)



Cyan (36%)


Magenta (18%)


Yellow (21%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 57.1625, 0.2845, 0.3366 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 57.1625, 0.2845, 0.3366 by changing the saturation by 10% instead.


 57.1625, 0.2845,
0.3366


 57.1625, 0.2845,
0.3366


414.0579, 0.2981,
0.3330

 41.1357, 0.2813,
0.3374


 100.7023, 0.2893,
0.3353

 28.4251, 0.2772,
0.3385


 128.9840, 0.2912,
0.3349

 18.6464, 0.2719,
0.3398

162.1196, 0.2927,
0.3344

 11.4150, 0.2648,
0.3416

200.4933, 0.2941,
0.3341

 6.3467, 0.2548,
0.3440

244.4896, 0.2953,
0.3338

 3.0570, 0.2394,
0.3476

294.4929, 0.2963,

 1.1616, 0.2110,

0.3335

0.3541

350.8875, 0.2972,
0.3332

0.0300, 0.0000,
0.1561

0.0000, 0.0000,
0.0000

57.1625, 0.2845,
0.3366

57.1625, 0.2845,
0.3366

55.0161, 0.2729,
0.3406

59.6771, 0.2971,
0.3329

53.2132, 0.2625,
0.3448

62.5693, 0.3105,
0.3295

51.7370, 0.2537,
0.3493

65.8569, 0.3242,
0.3265

50.5665, 0.2466,
0.3539

69.5545, 0.3382,
0.3237

■ 49.6783, 0.2414,
0.3586

■ 71.3312, 0.3429,
0.3211

■ 49.0455, 0.2381,
0.3633

■ 71.4767, 0.3408,
0.3182

■ 48.6359, 0.2367,
0.3680

■ 71.6246, 0.3387,
0.3154

■ 48.4174, 0.2366,
0.3719

■ 71.7750, 0.3367,
0.3126

■ 71.9279, 0.3346,
0.3099

Harmonies

Analogous

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



57.1625, 0.3023, 0.3544



57.1625, 0.2845, 0.3366



57.1625, 0.2743, 0.3172

Triad

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



57.1625, 0.2845, 0.3366



57.1625, 0.3011, 0.2959



57.1625, 0.3529, 0.3547

Complementary

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



57.1625, 0.2845, 0.3366



42.4643, 0.3504, 0.3216

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.



57.1625, 0.3527, 0.3387



57.1625, 0.2845, 0.3366



57.1625, 0.3223, 0.3054

Square

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



57.1625, 0.2845, 0.3366



57.1625, 0.2836, 0.2944



57.1625, 0.3414, 0.3208



57.1625, 0.3420, 0.3646

Rectangle

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



57.1625, 0.2845, 0.3366



57.1625, 0.2729, 0.3063



57.1625, 0.3414, 0.3208



57.1625, 0.3542, 0.3498

Sweetspot

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



57.1648, 0.2845, 0.3366



97.0813, 0.3045, 0.3310



56.2776, 0.3150, 0.3880



20.7143, 0.3036, 0.3312



0.0000, 0.0000, 0.0000



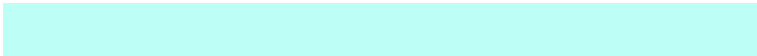
21.4041, 0.3127, 0.3290

Same Dimension

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



57.1648, 0.2845, 0.3366



88.9610, 0.2789, 0.3384



50.1486, 0.2793, 0.3086



13.3787, 0.3001, 0.3321



30.1831, 0.2365, 0.3712



1.6954, 0.2341, 0.3626

Inverse Universe

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



42.4643, 0.3504, 0.3216



61.5847, 0.3611, 0.3199



48.1918, 0.3522, 0.3486



11.8337, 0.3270, 0.3259



8.4180, 0.6214, 0.3197



0.4793, 0.5795, 0.2966

Previews

White Background



This preview shows how the Yxy color 57.1625, 0.2845, 0.3366 looks on a white background.

Color Contrast Check

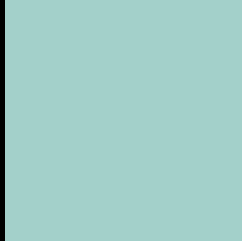
Large Text (above 18pt) WCAG AA × Fail

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 57.1625, 0.2845, 0.3366 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

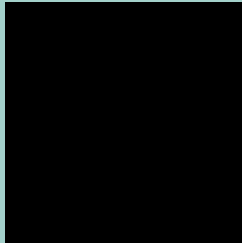
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

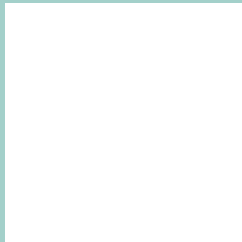
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 57.1625, 0.2845, 0.3366

Background



This preview shows how black text looks on a background with the Yxy color 57.1625, 0.2845, 0.3366.

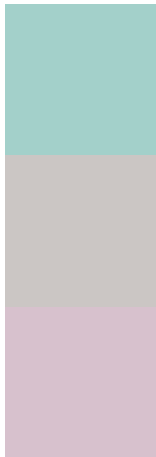


This preview shows how white text looks on a background with the Yxy color 57.1625, 0.2845, 0.3366.

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

57.1625, 0.2845, 0.3366

Protanopia

57.0702, 0.3181, 0.3314

Deuteranopia

56.9948, 0.3214, 0.3152



Tritanopia

57.0986, 0.2752, 0.3092

Trichromacy



Original Color

57.1625, 0.2845, 0.3366

Protanomaly

57.0096, 0.3048, 0.3339

Deuteranomaly

56.4836, 0.3068, 0.3218

Tritanomaly

57.1046, 0.2789, 0.3189

Monochromacy



Original Color

57.1625, 0.2845, 0.3366

Achromatopsia

53.9479, 0.3127, 0.3290

Achromatomaly

54.9453, 0.3018, 0.3315

CSS Examples

Text

The CSS property to change the color of the text to Yxy 57.1625, 0.2845, 0.3366 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(163, 208, 202)` looks like.

```
.text, #text, p{  
    color:rgb(163, 208, 202)  
}
```

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(163, 208, 202) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(163, 208, 202) }
```

Border

The CSS property to change the border of an element to Yxy 57.1625, 0.2845, 0.3366 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(163, 208, 202) }
```

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

```
.border{ border-color:rgb(163, 208, 202) }
```

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

Here you see how a box with a 4 pixel rgb(163, 208, 202) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(163, 208, 202); -webkit-box-  
shadow:4px 4px 4px 4px rgb(163, 208, 202);  
box-shadow:4px 4px 4px 4px rgb(163, 208,  
202) }
```


Background

The CSS property to change the background color of an element to Yxy 57.1625, 0.2845, 0.3366 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(163, 208, 202) }
```

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

```
.background{ background-color: rgb(163,  
208, 202) }
```

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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