

Converting Colors

$Yxy(63.3564, 0.2693, 0.3378)$

Have a look what the booklet for
Yxy(63.3564, 0.2693, 0.3378)
contains.

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Color

Yxy(63.4447, 0.2693, 0.3376)

Conversions

Conversions Part 1

Format	Color
Hex	94DED7
RGB	148, 222, 215
RGB Percent	58%, 87%, 84%
CMY	0.4193, 0.1294, 0.1568
CMYK	0.33, 0.00, 0.03, 0.13
HSL	174°, 53%, 73%
HSV	174°, 33%, 87%
XYZ	50.6092, 63.4447, 73.8747
YIQ	199.0760, -41.8570, -17.8650

Conversions

Conversions Part 2

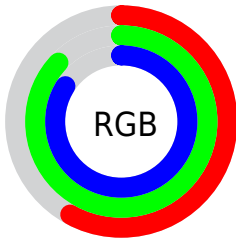
Format	Color
R _{YB}	148, 187, 222
Decimal	9756375
CIE Lab	83.68, -24.38, -3.89
CIE LCh	84, 24.685, 189.060
Yxy	63.4447, 0.2693, 0.3376
Android (android.graphics.Color)	4287946455 (0xFF94DED7)
YUV	199.0760, 7.8505, -44.7937
Hunter-Lab	79.6522, -25.9765, 0.7670

Details

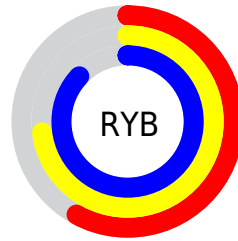
The Yxy color **63.4447, 0.2693, 0.3376** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **39.0971, 0.3828, 0.3208**, and the grayscale version is **57.1423, 0.3127, 0.3290**.

A 20% lighter version of the original color is **91.5774, 0.2827, 0.3289**, and **32.5552, 0.2593, 0.3406** is the 20% darker color. If you saturate the color by 10%, you get **61.4636, 0.2588, 0.3406**, and if you desaturate by 10%, it is **65.8293, 0.2812, 0.3348**.

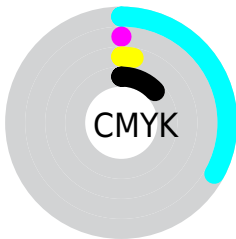
Distribution



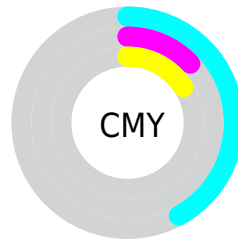
- Red (58%)
- Green (87%)
- Blue (84%)



- Red (58%)
- Yellow (73%)
- Blue (87%)



- Cyan (33%)
- Magenta (0%)
- Yellow (3%)
- Black (13%)




- Cyan (42%)
- Magenta (13%)
- Yellow (16%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 63.4447, 0.2693, 0.3376 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 63.4447, 0.2693, 0.3376 by changing the saturation by 10% instead.

 63.4447, 0.2693,
0.3376


 63.4447, 0.2693,
0.3376


437.1816, 0.2897,
0.3338

 46.2011, 0.2646,
0.3384


 109.8108, 0.2764,
0.3363

 32.4045, 0.2587,
0.3394


 139.7021, 0.2792,
0.3358

 21.6707, 0.2512,
0.3407


174.5780, 0.2816,
0.3353

 13.6151, 0.2413,
0.3422

214.8231, 0.2836,
0.3349

 7.8535, 0.2277,
0.3442

260.8215, 0.2854,
0.3346

 4.0013, 0.2077,
0.3467

312.9578, 0.2870,

 1.6743, 0.1762,

0.3343

371.6164, 0.2884,
0.3340

0.3496

0.4069, 0.0000,
0.3628

0.0000, 0.0000,
0.0000

63.4447, 0.2693,
0.3376

63.4447, 0.2693,
0.3376

61.4636, 0.2588,
0.3406

65.8293, 0.2812,
0.3348

59.8555, 0.2499,
0.3437


68.6307, 0.2942,
0.3322


58.5981, 0.2429,
0.3469


71.8710, 0.3080,
0.3297

57.6630, 0.2378,
0.3502


75.5684, 0.3224,
0.3276


 57.0180, 0.2346,
0.3534


 78.9615, 0.3340,
0.3256

 56.6235, 0.2332,
0.3566

 79.0770, 0.3326,
0.3235

 56.4566, 0.2330,
0.3588

 79.1938, 0.3311,
0.3214

 79.3121, 0.3297,
0.3193

 79.4318, 0.3283,
0.3173

Harmonies

Analogous

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



63.4447, 0.2945, 0.3656



63.4447, 0.2693, 0.3376



63.4447, 0.2557, 0.3086

Triad

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



63.4447, 0.2693, 0.3376



63.4447, 0.2976, 0.2815



63.4447, 0.3718, 0.3681

Complementary

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



63.4447, 0.2693, 0.3376



39.0971, 0.3828, 0.3208

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.



63.4447, 0.3733, 0.3445



63.4447, 0.2693, 0.3376



63.4447, 0.3292, 0.2961

Square

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



63.4447, 0.2693, 0.3376



63.4447, 0.2714, 0.2780



63.4447, 0.3574, 0.3187



63.4447, 0.3540, 0.3827

Rectangle

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



63.4447, 0.2693, 0.3376



63.4447, 0.2546, 0.2931



63.4447, 0.3574, 0.3187



63.4447, 0.3743, 0.3609

Sweetspot

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



63.4472, 0.2693, 0.3376



95.3262, 0.2986, 0.3314



61.3926, 0.3131, 0.4264



20.2739, 0.2966, 0.3317



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.



63.4472, 0.2693, 0.3376



84.9073, 0.2618, 0.3397



49.4604, 0.2607, 0.2907



15.5489, 0.2994, 0.3312



33.5459, 0.2329, 0.3583



2.3318, 0.2315, 0.3533

Inverse Universe

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



39.0971, 0.3828, 0.3208



46.6737, 0.4049, 0.3191



49.3649, 0.3786, 0.3642



13.7215, 0.3277, 0.3268



9.2636, 0.6289, 0.3238



0.6494, 0.6012, 0.3085

Previews

White Background



This preview shows how the Yxy color 63.4447, 0.2693, 0.3376 looks on a white background.

Color Contrast Check

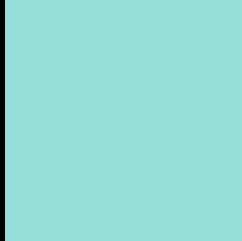
Large Text (above 18pt) WCAG AA × Fail

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 63.4447, 0.2693, 0.3376 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

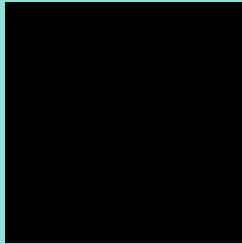
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

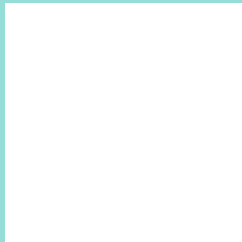
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 63.4447, 0.2693, 0.3376

Background



This preview shows how black text looks on a background with the Yxy color 63.4447, 0.2693, 0.3376.

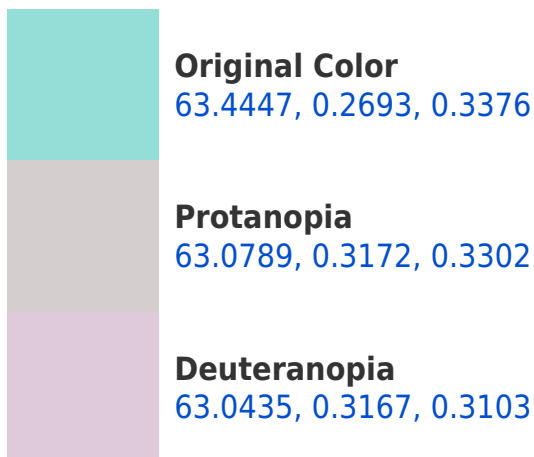


This preview shows how white text looks on a background with the Yxy color 63.4447, 0.2693, 0.3376.

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

63.4915, 0.2604, 0.3084

Trichromacy



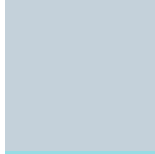
Original Color

63.4447, 0.2693, 0.3376



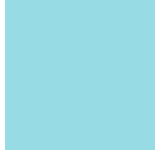
Protanomaly

62.5092, 0.2981, 0.3325



Deuteranomaly

62.3986, 0.2972, 0.3185



Tritanomaly

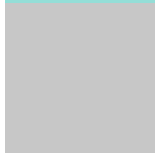
63.3671, 0.2636, 0.3191

Monochromacy



Original Color

63.4447, 0.2693, 0.3376



Achromatopsia

57.1125, 0.3127, 0.3290



Achromatomaly

58.7367, 0.2943, 0.3314

CSS Examples

Text

The CSS property to change the color of the text to Yxy 63.4447, 0.2693, 0.3376 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(148, 222, 215)` looks like.

```
.text, #text, p{  
    color:rgb(148, 222, 215)  
}
```

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(148, 222, 215) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(148, 222, 215) }
```

Border

The CSS property to change the border of an element to Yxy 63.4447, 0.2693, 0.3376 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(148, 222, 215) }
```

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

```
.border{ border-color:rgb(148, 222, 215) }
```

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

Here you see how a box with a 4 pixel `rgb(148, 222, 215)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(148, 222, 215); -webkit-box-  
shadow:4px 4px 4px 4px rgb(148, 222, 215);  
box-shadow:4px 4px 4px 4px rgb(148, 222,  
215) }
```


Background

The CSS property to change the background color of an element to Yxy 63.4447, 0.2693, 0.3376 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(148, 222, 215) }
```

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

```
.background{ background-color: rgb(148,  
222, 215) }
```

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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