

Converting Colors

$Yxy(63.4899, 0.2795, 0.3425)$

Have a look what the booklet for
Yxy(63.4899, 0.2795, 0.3425)
contains.

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Color

Yxy(63.2634, 0.2794, 0.3426)

Conversions

Conversions Part 1

Format	Color
Hex	A0DCD1
RGB	160, 220, 209
RGB Percent	63%, 86%, 82%
CMY	0.3726, 0.1372, 0.1805
CMYK	0.27, 0.00, 0.05, 0.14
HSL	169°, 46%, 75%
HSV	169°, 27%, 86%
XYZ	51.5931, 63.2634, 69.8002
YIQ	200.8060, -32.2290, -16.1410

Conversions

Conversions Part 2

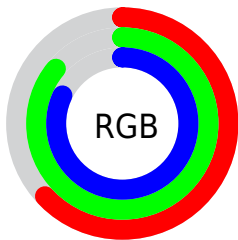
Format	Color
RYB	160, 193, 220
Decimal	10542289
CIELab	83.58, -21.36, -0.76
CIELCh	84, 21.372, 182.034
Yxy	63.2634, 0.2794, 0.3426
Android (android.graphics.Color)	4288732369 (0xFFA0DCD1)
YUV	200.8060, 4.0396, -35.7869
Hunter-Lab	79.5383, -23.4067, 3.6458

Details

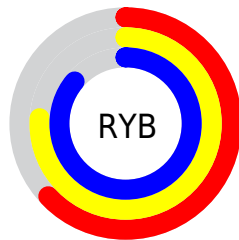
The Yxy color **63.2634, 0.2794, 0.3426** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **43.2912, 0.3608, 0.3160**, and the grayscale version is **58.2694, 0.3127, 0.3290**.

A 20% lighter version of the original color is **93.3389, 0.2894, 0.3289**, and **32.4026, 0.2713, 0.3456** is the 20% darker color. If you saturate the color by 10%, you get **60.9983, 0.2689, 0.3484**, and if you desaturate by 10%, it is **65.9399, 0.2910, 0.3372**.

Distribution



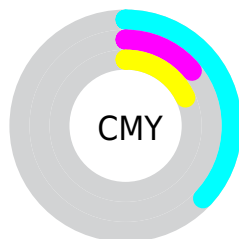
- Red (63%)
- Green (86%)
- Blue (82%)



- Red (63%)
- Yellow (76%)
- Blue (86%)



- Cyan (27%)
- Magenta (0%)
- Yellow (5%)
- Black (14%)




- Cyan (37%)
- Magenta (14%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 63.2634, 0.2794, 0.3426 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 63.2634, 0.2794, 0.3426 by changing the saturation by 10% instead.


 63.2634, 0.2794,
0.3426

 63.2634, 0.2794,
0.3426


436.5248, 0.2952,
0.3362

 46.0543, 0.2757,
0.3441


 109.5494, 0.2849,
0.3404

 32.2887, 0.2711,
0.3459


 139.3952, 0.2871,
0.3395

 21.5821, 0.2652,
0.3483


174.2219, 0.2889,
0.3388

 13.5502, 0.2574,
0.3514

214.4141, 0.2905,
0.3381

 7.8085, 0.2465,
0.3557

260.3561, 0.2919,
0.3376

 3.9726, 0.2304,
0.3621

312.4323, 0.2931,

 1.6583, 0.2041,

0.3371

371.0270, 0.2942,
0.3366

0.3722

0.3964, 0.0000,
0.4499

0.0000, 0.0000,
0.0000

63.2634, 0.2794,
0.3426

63.2634, 0.2794,
0.3426

60.9983, 0.2689,
0.3484

65.9399, 0.2910,
0.3372

59.1157, 0.2598,
0.3545

69.0398, 0.3034,
0.3323

57.5951, 0.2523,
0.3609

72.5840, 0.3162,
0.3278

56.4109, 0.2467,
0.3675

76.5897, 0.3294,
0.3238

■ 55.5339, 0.2430,
0.3741

■ 78.1202, 0.3317,
0.3199

■ 54.9301, 0.2413,
0.3808

■ 78.3489, 0.3289,
0.3159

■ 54.5542, 0.2413,
0.3874

■ 78.5829, 0.3262,
0.3119

■ 54.4709, 0.2414,
0.3892

■ 78.8223, 0.3234,
0.3080

■ 79.0670, 0.3207,
0.3041

Harmonies

Analogous

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



63.2634, 0.3032, 0.3650



63.2634, 0.2794, 0.3426



63.2634, 0.2648, 0.3170

Triad

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



63.2634, 0.2794, 0.3426



63.2634, 0.2937, 0.2858



63.2634, 0.3656, 0.3589

Complementary

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



63.2634, 0.2794, 0.3426



43.2912, 0.3608, 0.3160

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.



63.2634, 0.3631, 0.3375



63.2634, 0.2794, 0.3426



63.2634, 0.3207, 0.2965

Square

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



63.2634, 0.2794, 0.3426



63.2634, 0.2727, 0.2854



63.2634, 0.3464, 0.3151



63.2634, 0.3533, 0.3736

Rectangle

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



63.2634, 0.2794, 0.3426



63.2634, 0.2617, 0.3023



63.2634, 0.3464, 0.3151



63.2634, 0.3665, 0.3522

Sweetspot

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



63.2660, 0.2794, 0.3426



96.0951, 0.3024, 0.3327



62.4983, 0.3175, 0.4054



20.4208, 0.3005, 0.3334



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.



63.2660, 0.2794, 0.3426



86.4250, 0.2730, 0.3460



54.8804, 0.2709, 0.3063



14.7864, 0.3006, 0.3333



31.9800, 0.2412, 0.3882



2.0827, 0.2382, 0.3774

Inverse Universe

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



43.2912, 0.3608, 0.3160



53.8876, 0.3756, 0.3130



49.5901, 0.3660, 0.3506



13.0904, 0.3263, 0.3247



9.0334, 0.6107, 0.3138



0.5970, 0.5669, 0.2896

Previews

White Background



This preview shows how the Yxy color 63.2634, 0.2794, 0.3426 looks on a white background.

Color Contrast Check

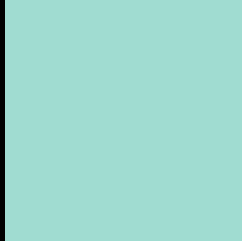
Large Text (above 18pt) WCAG AA × Fail

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 63.2634, 0.2794, 0.3426 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

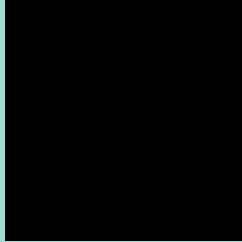
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

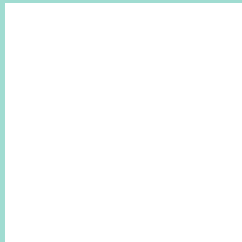
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 63.2634, 0.2794, 0.3426

Background



This preview shows how black text looks on a background with the Yxy color 63.2634, 0.2794, 0.3426.

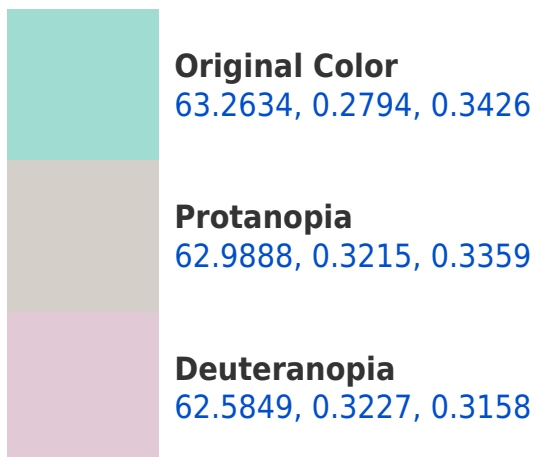


This preview shows how white text looks on a background with the Yxy color 63.2634, 0.2794, 0.3426.

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

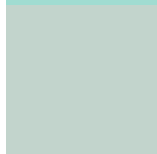
63.0516, 0.2678, 0.3074

Trichromacy



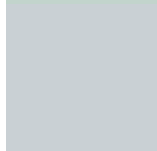
Original Color

63.2634, 0.2794, 0.3426



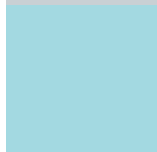
Protanomaly

62.9159, 0.3050, 0.3385



Deuteranomaly

62.2827, 0.3048, 0.3243



Tritanomaly

62.8485, 0.2717, 0.3192

Monochromacy



Original Color

63.2634, 0.2794, 0.3426



Achromatopsia

58.4078, 0.3127, 0.3290



Achromatomaly

59.9105, 0.2992, 0.3338

CSS Examples

Text

The CSS property to change the color of the text to Yxy 63.2634, 0.2794, 0.3426 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(160, 220, 209)` looks like.

```
.text, #text, p{  
    color:rgb(160, 220, 209)  
}
```

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(160, 220, 209) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(160, 220, 209) }
```

Border

The CSS property to change the border of an element to Yxy 63.2634, 0.2794, 0.3426 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(160, 220, 209) }
```

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

```
.border{ border-color:rgb(160, 220, 209) }
```

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

Here you see how a box with a 4 pixel `rgb(160, 220, 209)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(160, 220, 209); -webkit-box-  
shadow:4px 4px 4px 4px rgb(160, 220, 209);  
box-shadow:4px 4px 4px 4px rgb(160, 220,  
209) }
```


Background

The CSS property to change the background color of an element to Yxy 63.2634, 0.2794, 0.3426 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(160, 220, 209) }
```

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

```
.background{ background-color: rgb(160,  
220, 209) }
```

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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