

Converting Colors

$Yxy(62.1629, 0.2641, 0.3469)$

Have a look what the booklet for
Yxy(62.1629, 0.2641, 0.3469)
contains.

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Color

Yxy(62.2843, 0.2641, 0.3469)

Conversions

Conversions Part 1

Format	Color
Hex	84DFD1
RGB	132, 223, 209
RGB Percent	52%, 87%, 82%
CMY	0.4821, 0.1255, 0.1804
CMYK	0.41, 0.00, 0.06, 0.13
HSL	171°, 59%, 70%
HSV	171°, 41%, 87%
XYZ	47.4179, 62.2843, 69.8432
YIQ	194.1950, -49.7420, -23.6460

Conversions

Conversions Part 2

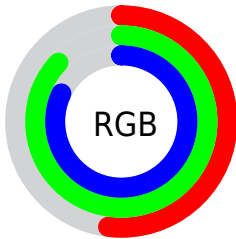
Format	Color
RYB	132, 181, 223
Decimal	8708049
CIELab	83.06, -30.45, -1.68
CIELCh	83, 30.492, 183.167
Yxy	62.2843, 0.2641, 0.3469
Android (android.graphics.Color)	4286898129 (0xFF84DFD1)
YUV	194.1950, 7.2989, -54.5450
Hunter-Lab	78.9204, -30.8621, 2.7737

Details

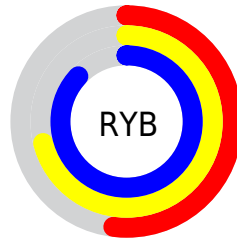
The Yxy color **62.2843, 0.2641, 0.3469** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **34.2821, 0.4001, 0.3126**, and the grayscale version is **54.0567, 0.3127, 0.3290**.

A 20% lighter version of the original color is **89.5588, 0.2747, 0.3289**, and **31.5405, 0.2520, 0.3498** is the 20% darker color. If you saturate the color by 10%, you get **60.5079, 0.2553, 0.3521**, and if you desaturate by 10%, it is **64.4536, 0.2744, 0.3420**.

Distribution



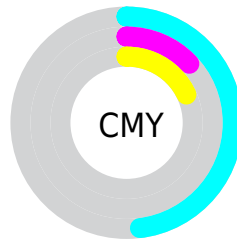
- Red (52%)
- Green (87%)
- Blue (82%)



- Red (52%)
- Yellow (71%)
- Blue (87%)



- Cyan (41%)
- Magenta (0%)
- Yellow (6%)
- Black (13%)





- Cyan (48%)
- Magenta (13%)
- Yellow (18%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 62.2843, 0.2641, 0.3469 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 62.2843, 0.2641, 0.3469 by changing the saturation by 10% instead.

 62.2843, 0.2641,
0.3469

 62.2843, 0.2641,
0.3469


432.9674, 0.2871,
0.3386

 45.2625, 0.2587,
0.3488


 108.1363, 0.2722,
0.3440

 31.6642, 0.2521,
0.3512

 137.7353, 0.2753,
0.3429

 21.1051, 0.2436,
0.3542


 172.2954, 0.2779,
0.3419

 13.2009, 0.2323,
0.3581

212.2011, 0.2802,
0.3411

 7.5670, 0.2167,
0.3635

257.8368, 0.2823,
0.3403

 3.8192, 0.1939,
0.3710

309.5868, 0.2840,

 1.5729, 0.1542,

0.3397

367.8355, 0.2856,
0.3391

0.3841

0.3392, 0.0000,
0.4105

0.0000, 0.0000,
0.0000

62.2843, 0.2641,
0.3469

62.2843, 0.2641,
0.3469

60.5079, 0.2553,
0.3521

64.4536, 0.2744,
0.3420

59.0923, 0.2482,
0.3574

67.0308, 0.2860,
0.3374


58.0122, 0.2430,
0.3629


70.0393, 0.2985,
0.3332

57.2362, 0.2398,
0.3684

73.4985, 0.3117,
0.3293


 56.7266, 0.2385,
0.3739


 77.4265, 0.3252,
0.3258

 56.4333, 0.2386,
0.3789

 79.7236, 0.3311,
0.3225

 79.9179, 0.3288,
0.3191

 80.1160, 0.3264,
0.3157

 80.3179, 0.3241,
0.3124

Harmonies

Analogous

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



62.2843, 0.2970, 0.3808



62.2843, 0.2641, 0.3469



62.2843, 0.2446, 0.3096

Triad

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



62.2843, 0.2641, 0.3469



62.2843, 0.2866, 0.2688



62.2843, 0.3883, 0.3714

Complementary

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



62.2843, 0.2641, 0.3469



34.2821, 0.4001, 0.3126

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.



62.2843, 0.3859, 0.3412



62.2843, 0.2641, 0.3469



62.2843, 0.3252, 0.2843

Square

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



62.2843, 0.2641, 0.3469



62.2843, 0.2570, 0.2672



62.2843, 0.3623, 0.3100



62.2843, 0.3693, 0.3932

Rectangle

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



62.2843, 0.2641, 0.3469



62.2843, 0.2410, 0.2891



62.2843, 0.3623, 0.3100



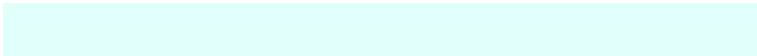
62.2843, 0.3900, 0.3619

Sweetspot

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



62.2868, 0.2641, 0.3469



94.3516, 0.2968, 0.3337



60.6635, 0.3167, 0.4507



20.0752, 0.2951, 0.3342



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.



62.2868, 0.2641, 0.3469



82.3125, 0.2564, 0.3513



48.2374, 0.2506, 0.2889



15.5342, 0.3002, 0.3326



33.1968, 0.2384, 0.3781



2.3109, 0.2360, 0.3696

Inverse Universe

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



34.2821, 0.4001, 0.3126



39.4175, 0.4293, 0.3095



43.3259, 0.4012, 0.3653



13.7348, 0.3268, 0.3254



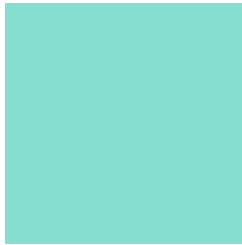
9.3038, 0.6179, 0.3178



0.6557, 0.5797, 0.2967

Previews

White Background



This preview shows how the Yxy color 62.2843, 0.2641, 0.3469 looks on a white background.

Color Contrast Check

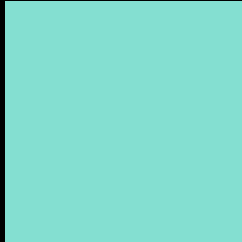
Large Text (above 18pt) WCAG AA × Fail

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 62.2843, 0.2641, 0.3469 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

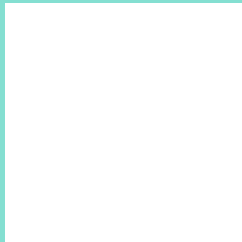
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 62.2843, 0.2641, 0.3469

Background



This preview shows how black text looks on a background with the Yxy color 62.2843, 0.2641, 0.3469.

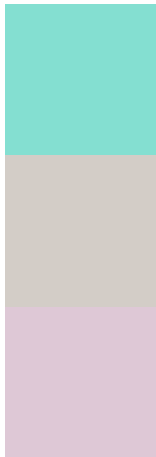


This preview shows how white text looks on a background with the Yxy color 62.2843, 0.2641, 0.3469.

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

62.2843, 0.2641, 0.3469

Protanopia

61.6350, 0.3216, 0.3360

Deuteranopia

61.6932, 0.3197, 0.3135



Tritanopia

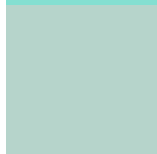
62.2664, 0.2526, 0.3068

Trichromacy



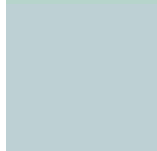
Original Color

62.2843, 0.2641, 0.3469



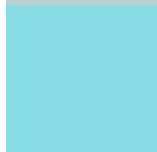
Protanomaly

61.3438, 0.2971, 0.3399



Deuteranomaly

60.6840, 0.2961, 0.3242



Tritanomaly

61.9667, 0.2563, 0.3201

Monochromacy



Original Color

62.2843, 0.2641, 0.3469



Achromatopsia

53.9479, 0.3127, 0.3290



Achromatomaly

56.4441, 0.2918, 0.3365

CSS Examples

Text

The CSS property to change the color of the text to Yxy 62.2843, 0.2641, 0.3469 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(132, 223, 209)` looks like.

```
.text, #text, p{  
    color:rgb(132, 223, 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(132, 223, 209) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(132, 223, 209) }
```

Border

The CSS property to change the border of an element to Yxy 62.2843, 0.2641, 0.3469 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(132, 223, 209) }
```

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

```
.border{ border-color:rgb(132, 223, 209) }
```

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

Here you see how a box with a 4 pixel `rgb(132, 223, 209)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(132, 223, 209); -webkit-box-shadow:4px 4px 4px 4px rgb(132, 223, 209); box-shadow:4px 4px 4px 4px rgb(132, 223, 209) }
```


Background

The CSS property to change the background color of an element to $\text{Yxy } 62.2843, 0.2641, 0.3469$ is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(132, 223, 209) }
```

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

```
.background{ background-color: rgb(132,  
223, 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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