

Converting Colors

$Yxy(68.6566, 0.2450, 0.3463)$

Have a look what the booklet for
Yxy(68.6566, 0.2450, 0.3463)
contains.

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Color

Yxy(68.3831, 0.2447, 0.3454)

Conversions

Conversions Part 1

Format	Color
Hex	5FEDE0
RGB	95, 237, 224
RGB Percent	37%, 93%, 88%
CMY	0.6279, 0.0705, 0.1216
CMYK	0.60, 0.00, 0.05, 0.07
HSL	174°, 80%, 65%
HSV	174°, 60%, 93%
XYZ	48.4463, 68.3831, 81.1530
YIQ	193.0600, -80.4590, -34.1470

Conversions

Conversions Part 2

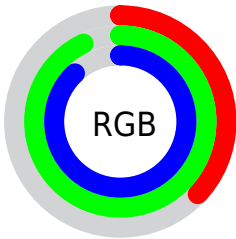
Format	Color
RYB	95, 169, 237
Decimal	6286816
CIELab	86.20, -41.10, -5.13
CIElCh	86, 41.424, 187.115
Yxy	68.3831, 0.2447, 0.3454
Android (android.graphics.Color)	4284476896 (0xFF5FEDE0)
YUV	193.0600, 15.2534, -85.9986
Hunter-Lab	82.6941, -40.1405, -0.2992

Details

The Yxy color **68.3831, 0.2447, 0.3454** is a light color, and the websafe version is hex **66FFFF**. The color can be described as light muted cyan. A complement of this color would be **27.2515, 0.4840, 0.3162**, and the grayscale version is **53.2921, 0.3127, 0.3290**.

A 20% lighter version of the original color is **86.0091, 0.2596, 0.3288**, and **35.5071, 0.2299, 0.3476** is the 20% darker color. If you saturate the color by 10%, you get **67.1884, 0.2389, 0.3486**, and if you desaturate by 10%, it is **69.9704, 0.2524, 0.3423**.

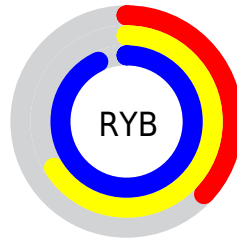
Distribution



Red (37%)

Green (93%)

Blue (88%)



Red (37%)

Yellow (66%)

Blue (93%)

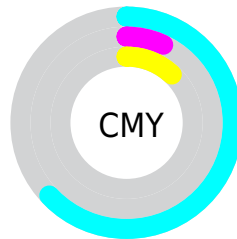


Cyan (60%)

Magenta (0%)

Yellow (5%)

Black (7%)



Cyan (63%)


Magenta (7%)


Yellow (12%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 68.3831, 0.2447, 0.3454 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 68.3831, 0.2447, 0.3454 by changing the saturation by 10% instead.


 68.3831, 0.2447,
0.3454

 68.3831, 0.2447,
0.3454


454.8522, 0.2760,
0.3383


 50.2095, 0.2376,
0.3469


 116.9000, 0.2555,
0.3430

 35.5799, 0.2289,
0.3487


 148.0121, 0.2597,
0.3421

 24.1099, 0.2180,
0.3508


 184.2058, 0.2634,
0.3412

 15.4152, 0.2039,
0.3534

 225.8655, 0.2665,
0.3405

 9.1113, 0.1850,
0.3565

273.3756, 0.2693,
0.3399

 4.8138, 0.1587,
0.3602

327.1205, 0.2718,

 2.1384, 0.1193,

0.3393

0.3640

387.4845, 0.2740,
0.3388

0.6861, 0.0000,
0.3814

0.0000, 0.0000,
0.0000

68.3831, 0.2447,
0.3454

68.3831, 0.2447,
0.3454

67.1884, 0.2389,
0.3486

69.9704, 0.2524,
0.3423

66.3421, 0.2351,
0.3517


71.9741, 0.2618,
0.3393

65.8036, 0.2332,
0.3549


74.4253, 0.2729,
0.3364


65.4999, 0.2328,
0.3580


77.3501, 0.2853,
0.3338

 65.4991, 0.2328,
0.3580

 80.7724, 0.2986,
0.3313

 84.7145, 0.3128,
0.3290

 88.0820, 0.3234,
0.3269

 88.2114, 0.3220,
0.3248

 88.3424, 0.3207,
0.3227

Harmonies

Analogous

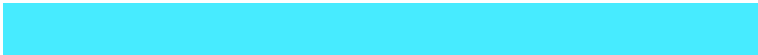
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



68.3831, 0.2850, 0.3936



68.3831, 0.2447, 0.3454



68.3831, 0.2230, 0.2964

Triad

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



68.3831, 0.2447, 0.3454



68.3831, 0.2843, 0.2535



68.3831, 0.4100, 0.3873

Complementary

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



68.3831, 0.2447, 0.3454



27.2515, 0.4840, 0.3162

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.



68.3831, 0.4116, 0.3486



68.3831, 0.2447, 0.3454



68.3831, 0.3355, 0.2751

Square

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



68.3831, 0.2447, 0.3454



68.3831, 0.2444, 0.2484



68.3831, 0.3835, 0.3088



68.3831, 0.3810, 0.4152

Rectangle

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



68.3831, 0.2447, 0.3454



68.3831, 0.2206, 0.2716



68.3831, 0.3835, 0.3088



68.3831, 0.4139, 0.3750

Sweetspot

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



68.3857, 0.2447, 0.3454



92.0417, 0.2877, 0.3333



64.6596, 0.3104, 0.5191



19.4651, 0.2839, 0.3340



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.



68.3857, 0.2447, 0.3454



79.0574, 0.2379, 0.3493



41.2503, 0.2219, 0.2519



17.0967, 0.2993, 0.3311



35.7646, 0.2326, 0.3575



2.8154, 0.2314, 0.3531

Inverse Universe

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



27.2515, 0.4840, 0.3162



26.5261, 0.5402, 0.3164



41.2023, 0.4563, 0.3902



15.0765, 0.3278, 0.3269



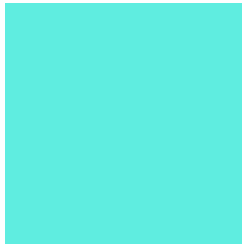
9.8690, 0.6295, 0.3242



0.7826, 0.6052, 0.3107

Previews

White Background



This preview shows how the Yxy color 68.3831, 0.2447, 0.3454 looks on a white background.

Color Contrast Check

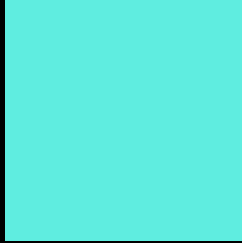
Large Text (above 18pt) WCAG AA × Fail

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 68.3831, 0.2447, 0.3454 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

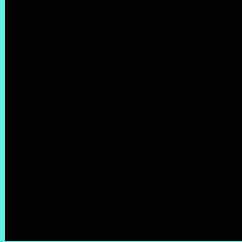
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 68.3831, 0.2447, 0.3454

Background



This preview shows how black text looks on a background with the Yxy color 68.3831, 0.2447, 0.3454.

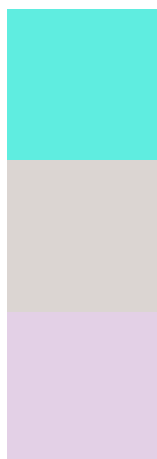


This preview shows how white text looks on a background with the Yxy color 68.3831, 0.2447, 0.3454.

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

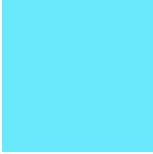
68.3831, 0.2447, 0.3454

Protanopia

67.3017, 0.3192, 0.3324

Deuteranopia

67.1558, 0.3116, 0.3054



Tritanopia

68.3703, 0.2355, 0.3059

Trichromacy



Original Color

68.3831, 0.2447, 0.3454



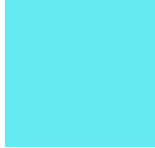
Protanomaly

66.1475, 0.2848, 0.3373



Deuteranomaly

65.8482, 0.2801, 0.3184



Tritanomaly

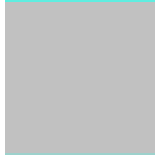
68.0812, 0.2386, 0.3189

Monochromacy



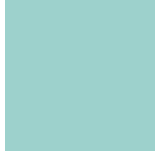
Original Color

68.3831, 0.2447, 0.3454



Achromatopsia

53.3276, 0.3127, 0.3290



Achromatomaly

57.1287, 0.2794, 0.3353

CSS Examples

Text

The CSS property to change the color of the text to Yxy 68.3831, 0.2447, 0.3454 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(95, 237, 224)` looks like.

```
.text, #text, p{  
    color:rgb(95, 237, 224)  
}
```

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(95, 237, 224) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(95, 237, 224) }
```

Border

The CSS property to change the border of an element to Yxy 68.3831, 0.2447, 0.3454 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(95, 237, 224) }
```

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

```
.border{ border-color:rgb(95, 237, 224) }
```

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

Here you see how a box with a 4 pixel `rgb(95, 237, 224)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(95, 237, 224); -webkit-box-  
shadow:4px 4px 4px 4px rgb(95, 237, 224);  
box-shadow:4px 4px 4px 4px rgb(95, 237,  
224) }
```


Background

The CSS property to change the background color of an element to Yxy 68.3831, 0.2447, 0.3454 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(95, 237, 224) }
```

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

```
.background{ background-color: rgb(95, 237,  
224) }
```

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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