

Converting Colors

$Yxy(67.3011, 0.2450, 0.3463)$

Have a look what the booklet for
Yxy(67.3011, 0.2450, 0.3463)
contains.

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Color

Yxy(67.0703, 0.2447, 0.3455)

Conversions

Conversions Part 1

Format	Color
Hex	5EEBDE
RGB	94, 235, 222
RGB Percent	37%, 92%, 87%
CMY	0.6317, 0.0784, 0.1294
CMYK	0.60, 0.00, 0.06, 0.08
HSL	174°, 78%, 64%
HSV	174°, 60%, 92%
XYZ	47.5025, 67.0703, 79.5526
YIQ	191.3590, -79.8630, -33.9350

Conversions

Conversions Part 2

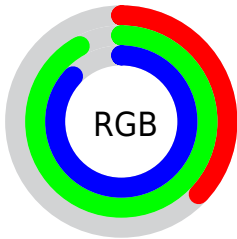
Format	Color
RYB	94, 168, 235
Decimal	6220766
CIELab	85.54, -40.88, -5.07
CIELCh	86, 41.191, 187.064
Yxy	67.0703, 0.2447, 0.3455
Android (android.graphics.Color)	4284410846 (0xFF5EEBDE)
YUV	191.3590, 15.1060, -85.3838
Hunter-Lab	81.8965, -39.7833, -0.2656

Details

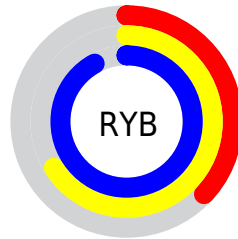
The Yxy color **67.0703, 0.2447, 0.3455** is a light color, and the websafe version is hex **66FFFF**. The color can be described as light muted cyan. A complement of this color would be **26.7136, 0.4841, 0.3161**, and the grayscale version is **52.2529, 0.3127, 0.3290**.

A 20% lighter version of the original color is **85.9081, 0.2592, 0.3288**, and **35.0302, 0.2304, 0.3495** is the 20% darker color. If you saturate the color by 10%, you get **65.8999, 0.2390, 0.3487**, and if you desaturate by 10%, it is **68.6254, 0.2524, 0.3424**.

Distribution



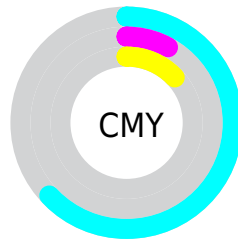
- Red (37%)
- Green (92%)
- Blue (87%)



- Red (37%)
- Yellow (66%)
- Blue (92%)



- Cyan (60%)
- Magenta (0%)
- Yellow (6%)
- Black (8%)




- Cyan (63%)
- Magenta (8%)
- Yellow (13%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 67.0703, 0.2447, 0.3455 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 67.0703, 0.2447, 0.3455 by changing the saturation by 10% instead.


 67.0703, 0.2447,
0.3455

 67.0703, 0.2447,
0.3455


450.1950, 0.2761,
0.3383


 49.1418, 0.2376,
0.3470


 115.0211, 0.2556,
0.3431

 34.7319, 0.2288,
0.3488


 145.8122, 0.2598,
0.3421

 23.4565, 0.2178,
0.3510


 181.6596, 0.2635,
0.3413

 14.9309, 0.2035,
0.3537

 222.9477, 0.2666,
0.3406

 8.7709, 0.1843,
0.3569

270.0609, 0.2694,
0.3399

 4.5921, 0.1575,
0.3606

323.3836, 0.2719,

 2.0100, 0.1157,

0.3393

0.3650

383.3001, 0.2741,
0.3388

0.6132, 0.0000,
0.3748

0.0000, 0.0000,
0.0000

67.0703, 0.2447,
0.3455

67.0703, 0.2447,
0.3455

65.8999, 0.2390,
0.3487

68.6254, 0.2524,
0.3424

65.0707, 0.2352,
0.3519


70.5884, 0.2618,
0.3394


64.5431, 0.2332,
0.3550


72.9899, 0.2728,
0.3365


64.2455, 0.2328,
0.3581

75.8553, 0.2852,
0.3338

 79.2081, 0.2986,
0.3313

 83.0703, 0.3127,
0.3290

 86.8080, 0.3249,
0.3269

 86.9355, 0.3235,
0.3248

 87.0646, 0.3221,
0.3227

Harmonies

Analogous

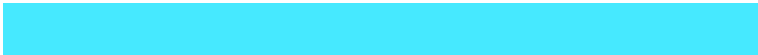
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



67.0703, 0.2851, 0.3937



67.0703, 0.2447, 0.3455



67.0703, 0.2230, 0.2965

Triad

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



67.0703, 0.2447, 0.3455



67.0703, 0.2842, 0.2534



67.0703, 0.4101, 0.3873

Complementary

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



67.0703, 0.2447, 0.3455



26.7136, 0.4841, 0.3161

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.



67.0703, 0.4116, 0.3485



67.0703, 0.2447, 0.3455



67.0703, 0.3354, 0.2750

Square

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



67.0703, 0.2447, 0.3455



67.0703, 0.2443, 0.2483



67.0703, 0.3835, 0.3087



67.0703, 0.3811, 0.4152

Rectangle

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



67.0703, 0.2447, 0.3455



67.0703, 0.2205, 0.2716



67.0703, 0.3835, 0.3087



67.0703, 0.4140, 0.3750

Sweetspot

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



67.0729, 0.2447, 0.3455



92.0404, 0.2877, 0.3333



63.4197, 0.3104, 0.5192



19.4648, 0.2839, 0.3341



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.



67.0729, 0.2447, 0.3455



79.0523, 0.2379, 0.3494



40.4426, 0.2219, 0.2518



17.0965, 0.2994, 0.3312



35.7615, 0.2327, 0.3576



2.8151, 0.2315, 0.3533

Inverse Universe

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



26.7136, 0.4841, 0.3161



26.5275, 0.5401, 0.3163



40.3958, 0.4564, 0.3902



15.0766, 0.3278, 0.3269



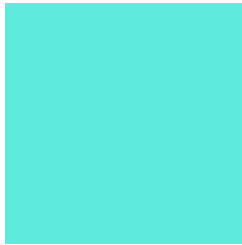
9.8693, 0.6295, 0.3241



0.7827, 0.6050, 0.3107

Previews

White Background



This preview shows how the Yxy color 67.0703, 0.2447, 0.3455 looks on a white background.

Color Contrast Check

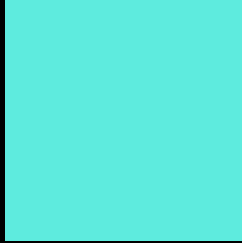
Large Text (above 18pt) WCAG AA × Fail

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 67.0703, 0.2447, 0.3455 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

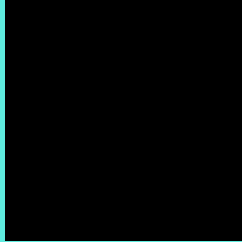
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

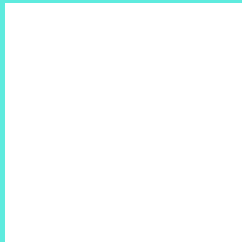
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 67.0703, 0.2447, 0.3455

Background



This preview shows how black text looks on a background with the Yxy color 67.0703, 0.2447, 0.3455.

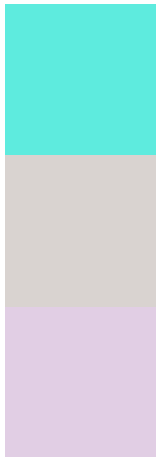


This preview shows how white text looks on a background with the Yxy color 67.0703, 0.2447, 0.3455.

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

67.0703, 0.2447, 0.3455

Protanopia

65.8943, 0.3193, 0.3324

Deuteranopia

65.7516, 0.3116, 0.3052



Tritanopia

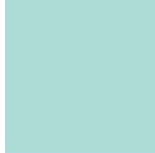
67.0572, 0.2355, 0.3057

Trichromacy



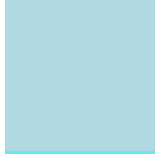
Original Color

67.0703, 0.2447, 0.3455



Protanomaly

64.7612, 0.2845, 0.3374



Deuteranomaly

64.4638, 0.2798, 0.3183



Tritanomaly

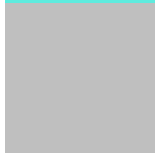
66.7712, 0.2385, 0.3188

Monochromacy



Original Color

67.0703, 0.2447, 0.3455



Achromatopsia

52.0996, 0.3127, 0.3290



Achromatomaly

55.9578, 0.2798, 0.3354

CSS Examples

Text

The CSS property to change the color of the text to Yxy 67.0703, 0.2447, 0.3455 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(94, 235, 222)` looks like.

```
.text, #text, p{  
    color:rgb(94, 235, 222)  
}
```

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(94, 235, 222) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(94, 235, 222) }
```

Border

The CSS property to change the border of an element to Yxy 67.0703, 0.2447, 0.3455 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(94, 235, 222) }
```

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

```
.border{ border-color:rgb(94, 235, 222) }
```

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

Here you see how a box with a 4 pixel `rgb(94, 235, 222)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(94, 235, 222); -webkit-box-  
shadow:4px 4px 4px 4px rgb(94, 235, 222);  
box-shadow:4px 4px 4px 4px rgb(94, 235,  
222) }
```


Background

The CSS property to change the background color of an element to Yxy 67.0703, 0.2447, 0.3455 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(94, 235, 222) }
```

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

```
.background{ background-color: rgb(94, 235,  
222) }
```

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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