

Converting Colors

$Yxy(75.3155, 0.2665, 0.3209)$

Have a look what the booklet for
Yxy(75.3155, 0.2665, 0.3209)
contains.

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Color

Yxy(75.3155, 0.2665, 0.3209)

Conversions

Conversions Part 1

Format	Color
Hex	A7EDF4
RGB	167, 237, 244
RGB Percent	65%, 93%, 96%
CMY	0.3452, 0.0706, 0.0431
CMYK	0.32, 0.03, 0.00, 0.04
HSL	185°, 78%, 81%
HSV	185°, 32%, 96%
XYZ	62.5478, 75.3155, 96.8376
YIQ	216.8680, -43.9670, -12.6630

Conversions

Conversions Part 2

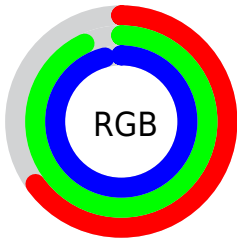
Format	Color
R _Y B	167, 204, 244
Decimal	11005428
CIE Lab	89.54, -20.01, -10.37
CIE LCh	90, 22.538, 207.390
Yxy	75.3155, 0.2665, 0.3209
Android (android.graphics.Color)	4289195508 (0xFFA7EDF4)
YUV	216.8680, 13.3761, -43.7342
Hunter-Lab	86.7845, -23.2234, -5.4090

Details

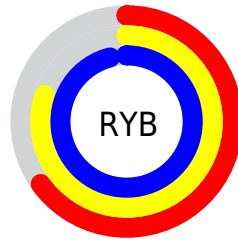
The Yxy color **75.3155, 0.2665, 0.3209** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **52.2924, 0.3828, 0.3369**, and the grayscale version is **69.2218, 0.3127, 0.3290**.

A 20% lighter version of the original color is **94.5873, 0.2940, 0.3289**, and **40.1233, 0.2562, 0.3184** is the 20% darker color. If you saturate the color by 10%, you get **71.6300, 0.2541, 0.3180**, and if you desaturate by 10%, it is **79.5243, 0.2802, 0.3237**.

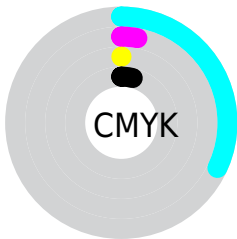
Distribution



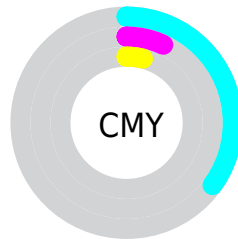
- Red (65%)
- Green (93%)
- Blue (96%)



- Red (65%)
- Yellow (80%)
- Blue (96%)



- Cyan (32%)
- Magenta (3%)
- Yellow (0%)
- Black (4%)





- Cyan (35%)
- Magenta (7%)
- Yellow (4%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 75.3155, 0.2665, 0.3209 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 75.3155, 0.2665, 0.3209 by changing the saturation by 10% instead.


 75.3155, 0.2665,
0.3209

 75.3155, 0.2665,
0.3209


479.0013, 0.2874,
0.3250

 55.8714, 0.2618,
0.3199

 126.7589, 0.2737,
0.3224

 40.0998, 0.2561,
0.3186


159.5269, 0.2765,
0.3230

 27.6164, 0.2490,
0.3169


197.5051, 0.2789,
0.3234

 18.0367, 0.2398,
0.3145

241.0777, 0.2811,
0.3238

 10.9763, 0.2276,
0.3112

290.6293, 0.2829,
0.3242

 6.0509, 0.2106,
0.3060

346.5441, 0.2846,

 2.8761, 0.1856,

0.3245

0.2972

409.2067, 0.2861,
0.3248

■ 1.0674, 0.1365,
0.2828

■ 0.0000, 0.0000,
0.0000

■ 75.3155, 0.2665,
0.3209

■ 75.3155, 0.2665,
0.3209

■ 71.6300, 0.2541,
0.3180

■ 79.5243, 0.2802,
0.3237

■ 68.4305, 0.2432,
0.3149

■ 84.2734, 0.2949,
0.3263

■ 65.6887, 0.2341,
0.3118

■ 89.5902, 0.3103,
0.3286

■ 63.3699, 0.2269,
0.3086

■ 93.6334, 0.3197,
0.3308

61.4340, 0.2217,
0.3055

94.9908, 0.3196,
0.3330

59.8329, 0.2183,
0.3023

96.3643, 0.3194,
0.3351

58.6796, 0.2166,
0.2997

97.7540, 0.3193,
0.3372

99.1600, 0.3191,
0.3393

99.3124, 0.3191,
0.3395

Harmonies

Analogous

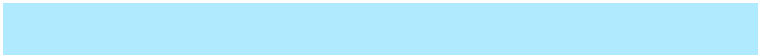
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



75.3155, 0.2827, 0.3464



75.3155, 0.2665, 0.3209



75.3155, 0.2622, 0.2992

Triad

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



75.3155, 0.2665, 0.3209



75.3155, 0.3164, 0.2944



75.3155, 0.3558, 0.3718

Complementary

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



75.3155, 0.2665, 0.3209



52.2924, 0.3828, 0.3369

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.



75.3155, 0.3659, 0.3557



75.3155, 0.2665, 0.3209



75.3155, 0.3427, 0.3119

Square

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



75.3155, 0.2665, 0.3209



75.3155, 0.2901, 0.2852



75.3155, 0.3611, 0.3339



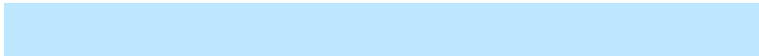
75.3155, 0.3341, 0.3767

Rectangle

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



75.3155, 0.2665, 0.3209



75.3155, 0.2664, 0.2896



75.3155, 0.3611, 0.3339



75.3155, 0.3607, 0.3675

Sweetspot

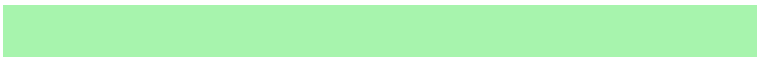
The Sweet Spot groups the original color and five complimentary colors.



75.3185, 0.2665, 0.3209



94.5797, 0.2988, 0.3269



75.9554, 0.3048, 0.4144



20.0669, 0.2966, 0.3265



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.



75.3185, 0.2665, 0.3209



80.5247, 0.2582, 0.3190



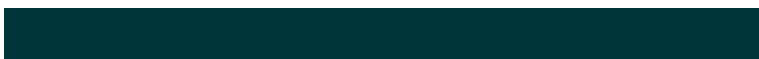
55.6291, 0.2611, 0.2755



18.4849, 0.2981, 0.3268



32.0094, 0.2167, 0.3002



2.8873, 0.2178, 0.3041

Inverse Universe

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



52.9813, 0.3220, 0.2569



52.4132, 0.3243, 0.2423



69.0702, 0.3702, 0.3770



16.7408, 0.3152, 0.3078



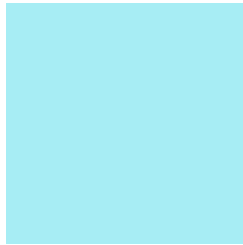
13.3307, 0.3452, 0.1675



1.1791, 0.3418, 0.1657

Previews

White Background



This preview shows how the Yxy color 75.3155, 0.2665, 0.3209 looks on a white background.

Color Contrast Check

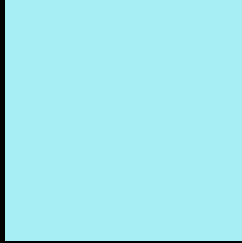
Large Text (above 18pt) WCAG AA × Fail

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 75.3155, 0.2665, 0.3209 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

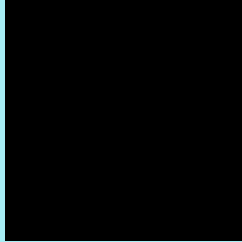
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 75.3155, 0.2665, 0.3209

Background



This preview shows how black text looks on a background with the Yxy color 75.3155, 0.2665, 0.3209.

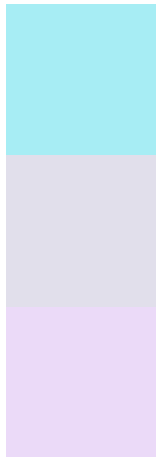


This preview shows how white text looks on a background with the Yxy color 75.3155, 0.2665, 0.3209.

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

75.3155, 0.2665, 0.3209

Protanopia

74.7811, 0.3064, 0.3163

Deuteranopia

74.5823, 0.3051, 0.2983



Tritanopia

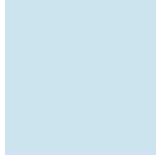
75.0074, 0.2623, 0.3076

Trichromacy



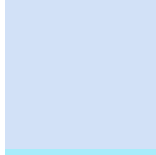
Original Color

75.3155, 0.2665, 0.3209



Protanomaly

74.4972, 0.2906, 0.3180



Deuteranomaly

74.2675, 0.2890, 0.3054



Tritanomaly

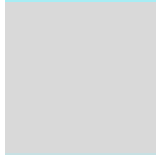
75.2179, 0.2639, 0.3131

Monochromacy



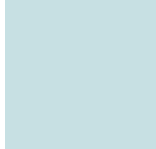
Original Color

75.3155, 0.2665, 0.3209



Achromatopsia

69.3872, 0.3127, 0.3290



Achromatomaly

70.9995, 0.2938, 0.3256

CSS Examples

Text

The CSS property to change the color of the text to Yxy 75.3155, 0.2665, 0.3209 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(167, 237, 244)` looks like.

```
.text, #text, p{  
    color:rgb(167, 237, 244)  
}
```

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(167, 237, 244) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(167, 237, 244) }
```

Border

The CSS property to change the border of an element to Yxy 75.3155, 0.2665, 0.3209 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(167, 237, 244) }
```

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

```
.border{ border-color:rgb(167, 237, 244) }
```

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

Here you see how a box with a 4 pixel `rgb(167, 237, 244)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(167, 237, 244); -webkit-box-  
shadow:4px 4px 4px 4px rgb(167, 237, 244);  
box-shadow:4px 4px 4px 4px rgb(167, 237,  
244) }
```


Background

The CSS property to change the background color of an element to Yxy 75.3155, 0.2665, 0.3209 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(167, 237, 244) }
```

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

```
.background{ background-color: rgb(167,  
237, 244) }
```

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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