

Converting Colors

$Yxy(75.2406, 0.2654, 0.3183)$

Have a look what the booklet for
Yxy(75.2406, 0.2654, 0.3183)
contains.

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Color

Yxy(75.4377, 0.2655, 0.3187)

Conversions

Conversions Part 1

Format	Color
Hex	A7EDF6
RGB	167, 237, 246
RGB Percent	65%, 93%, 96%
CMY	0.3453, 0.0705, 0.0354
CMYK	0.32, 0.04, 0.00, 0.04
HSL	187°, 81%, 81%
HSV	187°, 32%, 96%
XYZ	62.8450, 75.4377, 98.4217
YIQ	217.0960, -44.6090, -12.0410

Conversions

Conversions Part 2

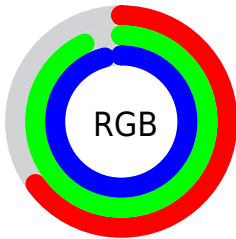
Format	Color
R _Y B	167, 204, 246
Decimal	11005430
CIE Lab	89.60, -19.57, -11.31
CIE LCh	90, 22.604, 210.032
Yxy	75.4377, 0.2655, 0.3187
Android (android.graphics.Color)	4289195510 (0xFFA7EDF6)
YUV	217.0960, 14.2497, -43.9342
Hunter-Lab	86.8549, -22.8399, -6.3875

Details

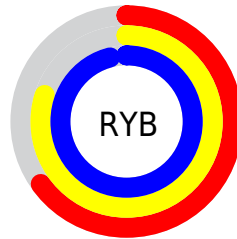
The Yxy color **75.4377, 0.2655, 0.3187** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **53.3976, 0.3839, 0.3390**, and the grayscale version is **69.3754, 0.3127, 0.3290**.

A 20% lighter version of the original color is **94.5873, 0.2940, 0.3289**, and **40.2102, 0.2550, 0.3154** is the 20% darker color. If you saturate the color by 10%, you get **71.4088, 0.2529, 0.3150**, and if you desaturate by 10%, it is **80.0072, 0.2793, 0.3222**.

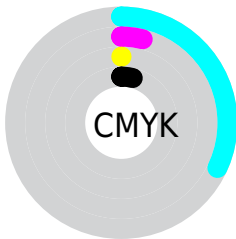
Distribution



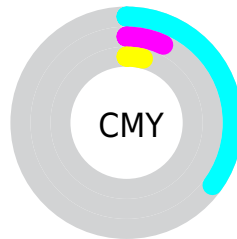
- Red (65%)
- Green (93%)
- Blue (96%)



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



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



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

Brightness & Saturation Gradients


These gradients show how the Yxy color 75.4377, 0.2655, 0.3187 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 75.4377, 0.2655, 0.3187 by changing the saturation by 10% instead.


 75.4377, 0.2655,
0.3187


 75.4377, 0.2655,
0.3187

 479.4207, 0.2869,
0.3238

 55.9715, 0.2607,
0.3174

 126.9318, 0.2728,
0.3206

 40.1801, 0.2549,
0.3159


 159.7284, 0.2757,
0.3213


 27.6790, 0.2477,
0.3138


 197.7374, 0.2782,
0.3218


 18.0838, 0.2383,
0.3110

 241.3431, 0.2803,
0.3224

 11.0102, 0.2260,
0.3070

 290.9299, 0.2823,
0.3228

 6.0737, 0.2088,
0.3009

 346.8821, 0.2840,

 2.8899, 0.1835,

0.3232

0.2907

409.5843, 0.2855,
0.3235

■ 1.0745, 0.1355,
0.2736

■ 0.0000, 0.0000,
0.0000

■ 75.4377, 0.2655,
0.3187

■ 75.4377, 0.2655,
0.3187

■ 71.4088, 0.2529,
0.3150

■ 80.0072, 0.2793,
0.3222

■ 67.8824, 0.2419,
0.3112


■ 85.1352, 0.2940,
0.3254

■ 64.8295, 0.2326,
0.3072

■ 90.8494, 0.3094,
0.3284

■ 62.2143, 0.2252,
0.3032


■ 95.1578, 0.3184,
0.3311

 59.9954, 0.2198,
0.2992

 96.8884, 0.3182,
0.3338

 58.1233, 0.2163,
0.2953

 98.6447, 0.3180,
0.3365

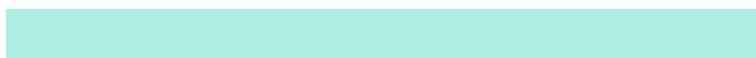
 56.8334, 0.2145,
0.2922

 99.4327, 0.3179,
0.3376

Harmonies

Analogous

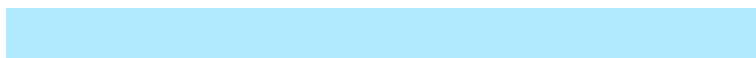
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



75.4377, 0.2808, 0.3443



75.4377, 0.2655, 0.3187



75.4377, 0.2623, 0.2976

Triad

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



75.4377, 0.2655, 0.3187



75.4377, 0.3188, 0.2956



75.4377, 0.3544, 0.3729

Complementary

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



75.4377, 0.2655, 0.3187



53.3976, 0.3839, 0.3390

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.



75.4377, 0.3658, 0.3575



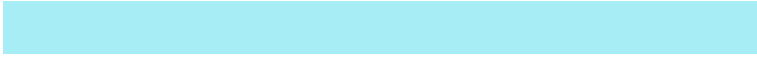
75.4377, 0.2655, 0.3187



75.4377, 0.3448, 0.3137

Square

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



75.4377, 0.2655, 0.3187



75.4377, 0.2921, 0.2855



75.4377, 0.3623, 0.3360



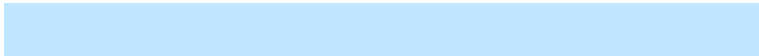
75.4377, 0.3319, 0.3766

Rectangle

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



75.4377, 0.2655, 0.3187



75.4377, 0.2673, 0.2886



75.4377, 0.3623, 0.3360



75.4377, 0.3597, 0.3688

Sweetspot

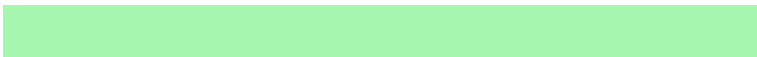
The Sweet Spot groups the original color and five complimentary colors.



75.4407, 0.2655, 0.3187



93.6483, 0.2972, 0.3261



77.2007, 0.3040, 0.4146



19.8647, 0.2951, 0.3256



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.



75.4407, 0.2655, 0.3187



78.7740, 0.2566, 0.3162



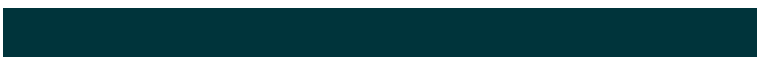
55.5105, 0.2599, 0.2728



18.4178, 0.2981, 0.3262



30.4725, 0.2147, 0.2929



2.7677, 0.2161, 0.2978

Inverse Universe

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



53.3257, 0.3237, 0.2572



51.4006, 0.3265, 0.2420



70.6591, 0.3710, 0.3793



16.7340, 0.3155, 0.3083



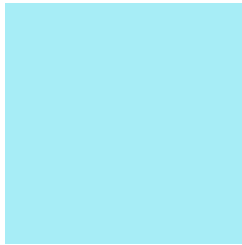
13.1756, 0.3518, 0.1711



1.1670, 0.3474, 0.1687

Previews

White Background



This preview shows how the Yxy color 75.4377, 0.2655, 0.3187 looks on a white background.

Color Contrast Check

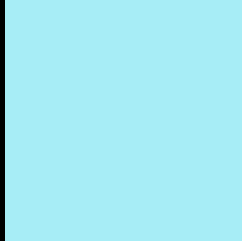
Large Text (above 18pt) WCAG AA × Fail

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 75.4377, 0.2655, 0.3187 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

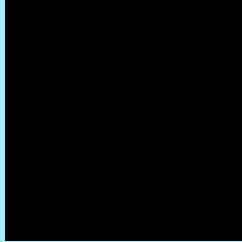
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 75.4377, 0.2655, 0.3187

Background



This preview shows how black text looks on a background with the Yxy color 75.4377, 0.2655, 0.3187.

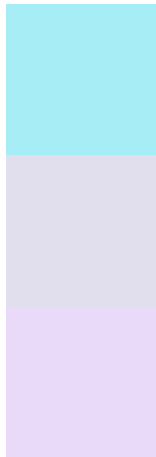


This preview shows how white text looks on a background with the Yxy color 75.4377, 0.2655, 0.3187.

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

75.4377, 0.2655, 0.3187

Protanopia

74.8973, 0.3051, 0.3142

Deuteranopia

74.5374, 0.3031, 0.2962



Tritanopia

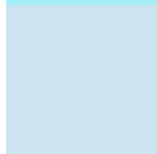
75.6459, 0.2620, 0.3077

Trichromacy



Original Color

75.4377, 0.2655, 0.3187



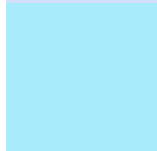
Protanomaly

74.6154, 0.2894, 0.3159



Deuteranomaly

74.3916, 0.2879, 0.3033



Tritanomaly

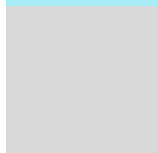
75.3440, 0.2629, 0.3109

Monochromacy



Original Color

75.4377, 0.2655, 0.3187



Achromatopsia

69.3872, 0.3127, 0.3290



Achromatomaly

71.0549, 0.2932, 0.3245

CSS Examples

Text

The CSS property to change the color of the text to Yxy 75.4377, 0.2655, 0.3187 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, 246)` looks like.

```
.text, #text, p{  
    color:rgb(167, 237, 246)  
}
```

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, 246) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(167, 237, 246) }
```

Border

The CSS property to change the border of an element to Yxy 75.4377, 0.2655, 0.3187 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, 246) }
```

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

```
.border{ border-color:rgb(167, 237, 246) }
```

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, 246)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(167, 237, 246); -webkit-box-shadow:4px 4px 4px 4px rgb(167, 237, 246); box-shadow:4px 4px 4px 4px rgb(167, 237, 246) }
```


Background

The CSS property to change the background color of an element to Yxy 75.4377, 0.2655, 0.3187 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, 246) }
```

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

```
.background{ background-color: rgb(167,  
237, 246) }
```

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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