

Converting Colors

$Yxy(76.7479, 0.2661, 0.3251)$

Have a look what the booklet for
Yxy(76.7479, 0.2661, 0.3251)
contains.

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Color

Yxy(76.7906, 0.2664, 0.3255)

Conversions

Conversions Part 1

Format	Color
Hex	A5F0F3
RGB	165, 240, 243
RGB Percent	65%, 94%, 95%
CMY	0.3530, 0.0588, 0.0472
CMYK	0.32, 0.01, 0.00, 0.05
HSL	182°, 76%, 80%
HSV	182°, 32%, 95%
XYZ	62.8480, 76.7906, 96.2772
YIQ	217.9170, -45.6630, -14.9670

Conversions

Conversions Part 2

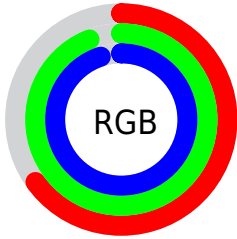
Format	Color
R _Y B	165, 203, 243
Decimal	10875123
CIE Lab	90.23, -22.27, -8.82
CIE LCh	90, 23.949, 201.600
Yxy	76.7906, 0.2664, 0.3255
Android (android.graphics.Color)	4289065203 (0xFFA5F0F3)
YUV	217.9170, 12.3659, -46.4082
Hunter-Lab	87.6302, -25.3336, -3.7993

Details

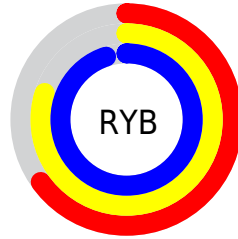
The Yxy color **76.7906, 0.2664, 0.3255** is a light color, and the websafe version is hex **99FFFF**. A complement of this color would be **49.7491, 0.3858, 0.3325**, and the grayscale version is **69.9860, 0.3127, 0.3290**.

A 20% lighter version of the original color is **94.2696, 0.2929, 0.3289**, and **41.1838, 0.2563, 0.3244** is the 20% darker color. If you saturate the color by 10%, you get **73.8902, 0.2545, 0.3243**, and if you desaturate by 10%, it is **80.1947, 0.2797, 0.3267**.

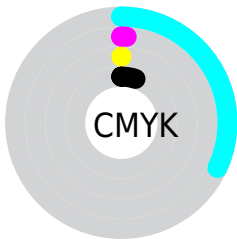
Distribution



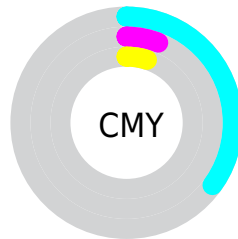
- Red (65%)
- Green (94%)
- Blue (95%)



- Red (65%)
- Yellow (80%)
- Blue (95%)



- Cyan (32%)
- Magenta (1%)
- Yellow (0%)
- Black (5%)




- Cyan (35%)
- Magenta (6%)
- Yellow (5%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 76.7906, 0.2664, 0.3255 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 76.7906, 0.2664, 0.3255 by changing the saturation by 10% instead.

 76.7906, 0.2664,
0.3255


 76.7906, 0.2664,
0.3255

484.0498, 0.2873,
0.3275

 57.0810, 0.2617,
0.3250

 128.8438, 0.2736,
0.3263

 41.0703, 0.2561,
0.3243

 161.9563, 0.2764,
0.3265

 28.3740, 0.2490,
0.3233


200.3052, 0.2788,
0.3268

 18.6078, 0.2398,
0.3220

244.2749, 0.2809,
0.3270

 11.3872, 0.2277,
0.3199

294.2498, 0.2828,
0.3271

 6.3279, 0.2109,
0.3167

350.6143, 0.2845,

 3.0455, 0.1862,

0.3273

413.7529, 0.2860,
0.3274

0.3108

1.1555, 0.1388,
0.3013

0.0249, 0.0000,
0.0373

76.7906, 0.2664,
0.3255

76.7906, 0.2664,
0.3255

73.8902, 0.2545,
0.3243

80.1947, 0.2797,
0.3267

71.4563, 0.2443,
0.3230

84.1193, 0.2942,
0.3278

69.4609, 0.2360,
0.3217

88.5915, 0.3094,
0.3288

67.8695, 0.2296,
0.3204

92.2480, 0.3205,
0.3297

■ 66.6422, 0.2252,
0.3192

■ 92.8030, 0.3205,
0.3306

■ 65.7308, 0.2225,
0.3179

■ 93.3607, 0.3204,
0.3315

■ 65.1753, 0.2214,
0.3169

■ 93.9212, 0.3203,
0.3324

■ 94.4845, 0.3203,
0.3333

■ 95.0505, 0.3202,
0.3342

Harmonies

Analogous

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



76.7906, 0.2856, 0.3524



76.7906, 0.2664, 0.3255



76.7906, 0.2593, 0.3012

Triad

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



76.7906, 0.2664, 0.3255



76.7906, 0.3109, 0.2900



76.7906, 0.3614, 0.3716

Complementary

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



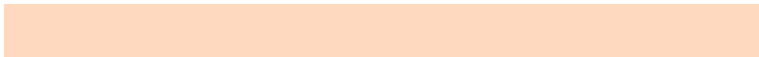
76.7906, 0.2664, 0.3255



49.7491, 0.3858, 0.3325

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.



76.7906, 0.3692, 0.3529



76.7906, 0.2664, 0.3255



76.7906, 0.3394, 0.3069

Square

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



76.7906, 0.2664, 0.3255



76.7906, 0.2841, 0.2823



76.7906, 0.3611, 0.3295



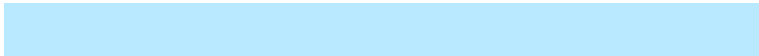
76.7906, 0.3403, 0.3796

Rectangle

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



76.7906, 0.2664, 0.3255



76.7906, 0.2620, 0.2898



76.7906, 0.3611, 0.3295



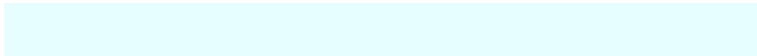
76.7906, 0.3657, 0.3663

Sweetspot

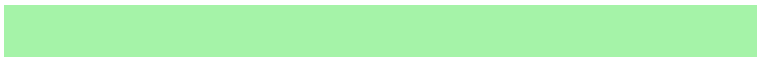
The Sweet Spot groups the original color and five complimentary colors.



76.7937, 0.2664, 0.3255



94.8650, 0.2973, 0.3280



74.8917, 0.3068, 0.4210



20.1613, 0.2951, 0.3278



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.



76.7937, 0.2664, 0.3255



83.3805, 0.2579, 0.3246



56.4164, 0.2608, 0.2793



18.6437, 0.2981, 0.3281



35.8283, 0.2214, 0.3171



3.1820, 0.2219, 0.3187

Inverse Universe

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



52.2459, 0.3188, 0.2519



51.8657, 0.3203, 0.2356



66.1857, 0.3726, 0.3739



16.7568, 0.3144, 0.3066



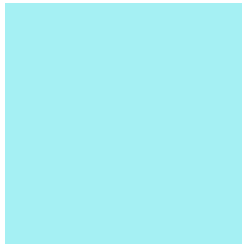
13.7163, 0.3306, 0.1595



1.2089, 0.3293, 0.1588

Previews

White Background



This preview shows how the Yxy color 76.7906, 0.2664, 0.3255 looks on a white background.

Color Contrast Check

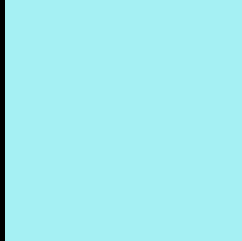
Large Text (above 18pt) WCAG AA × Fail

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 76.7906, 0.2664, 0.3255 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

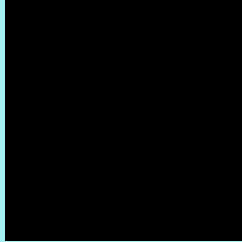
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 76.7906, 0.2664, 0.3255

Background



This preview shows how black text looks on a background with the Yxy color 76.7906, 0.2664, 0.3255.

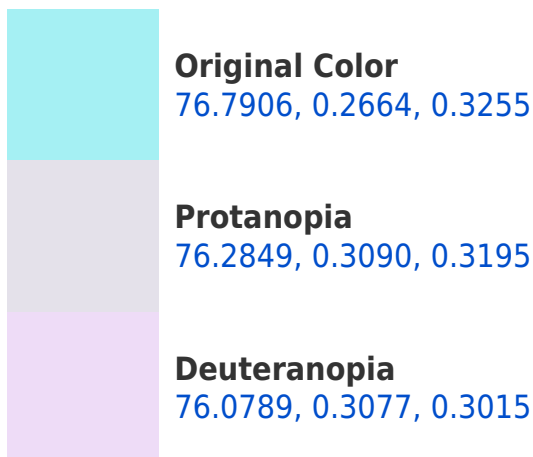


This preview shows how white text looks on a background with the Yxy color 76.7906, 0.2664, 0.3255.

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





Tritanopia

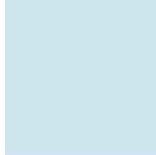
76.6726, 0.2642, 0.3089

Trichromacy



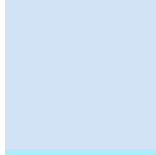
Original Color

76.7906, 0.2664, 0.3255



Protanomaly

75.6872, 0.2919, 0.3213



Deuteranomaly

75.4409, 0.2904, 0.3087



Tritanomaly

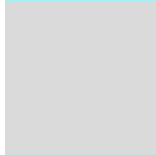
76.6602, 0.2647, 0.3143

Monochromacy



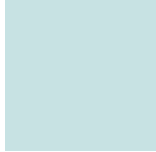
Original Color

76.7906, 0.2664, 0.3255



Achromatopsia

70.1102, 0.3127, 0.3290



Achromatomaly

72.0809, 0.2939, 0.3278

CSS Examples

Text

The CSS property to change the color of the text to Yxy 76.7906, 0.2664, 0.3255 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(165, 240, 243)` looks like.

```
.text, #text, p{  
    color:rgb(165, 240, 243)  
}
```

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(165, 240, 243) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(165, 240, 243) }
```

Border

The CSS property to change the border of an element to Yxy 76.7906, 0.2664, 0.3255 is called "border". The border property can be set on classes, ids or directly on the HTML element.

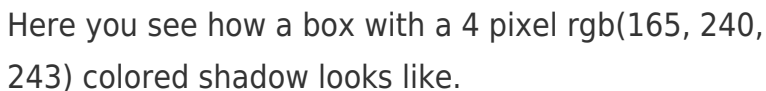
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(165, 240, 243) }
```

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

```
.border{ border-color:rgb(165, 240, 243) }
```

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



Here you see how a box with a 4 pixel `rgb(165, 240, 243)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(165, 240, 243); -webkit-box-shadow:4px 4px 4px 4px rgb(165, 240, 243); box-shadow:4px 4px 4px 4px rgb(165, 240, 243) }
```


Background

The CSS property to change the background color of an element to Yxy 76.7906, 0.2664, 0.3255 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(165, 240, 243) }
```

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

```
.background{ background-color: rgb(165,  
240, 243) }
```

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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