

Converting Colors

$Yxy(76.5286, 0.2620, 0.3203)$

Have a look what the booklet for
Yxy(76.5286, 0.2620, 0.3203)
contains.

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Color

Yxy(76.6126, 0.2624, 0.3209)

Conversions

Conversions Part 1

Format	Color
Hex	A1F0F7
RGB	161, 240, 247
RGB Percent	63%, 94%, 97%
CMY	0.3686, 0.0588, 0.0314
CMYK	0.35, 0.03, 0.00, 0.03
HSL	185°, 84%, 80%
HSV	185°, 35%, 97%
XYZ	62.6461, 76.6126, 99.4842
YIQ	217.1770, -49.3310, -14.5710

Conversions

Conversions Part 2

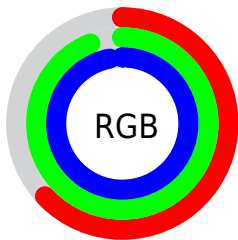
Format	Color
RYB	161, 202, 247
Decimal	10612983
CIELab	90.14, -22.38, -11.07
CIELCh	90, 24.966, 206.311
Yxy	76.6126, 0.2624, 0.3209
Android (android.graphics.Color)	4288803063 (0xFFA1F0F7)
YUV	217.1770, 14.7027, -49.2672
Hunter-Lab	87.5286, -25.4188, -6.1184

Details

The Yxy color **76.6126, 0.2624, 0.3209** is a light color, and the websafe version is hex **99FFFF**. A complement of this color would be **50.3530, 0.3933, 0.3368**, and the grayscale version is **69.4398, 0.3127, 0.3290**.

A 20% lighter version of the original color is **93.6454, 0.2906, 0.3289**, and **41.0458, 0.2511, 0.3184** is the 20% darker color. If you saturate the color by 10%, you get **73.1208, 0.2505, 0.3182**, and if you desaturate by 10%, it is **80.6304, 0.2757, 0.3234**.

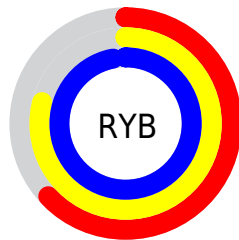
Distribution



Red (63%)

Green (94%)

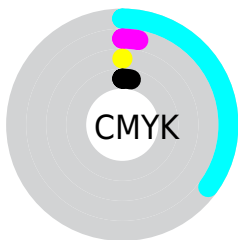
Blue (97%)



Red (63%)

Yellow (79%)

Blue (97%)

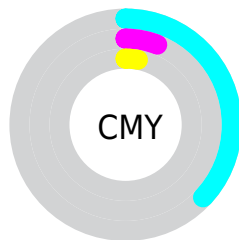


Cyan (35%)

Magenta (3%)

Yellow (0%)

Black (3%)



Cyan (37%)


Magenta (6%)


Yellow (3%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 76.6126, 0.2624, 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 76.6126, 0.2624, 0.3209 by changing the saturation by 10% instead.


 76.6126, 0.2624,
0.3209


 76.6126, 0.2624,
0.3209


483.4422, 0.2851,
0.3251

 56.9350, 0.2574,
0.3199


 128.5925, 0.2701,
0.3224

 40.9530, 0.2512,
0.3185

 161.6635, 0.2732,
0.3230

 28.2824, 0.2436,
0.3168


199.9678, 0.2758,
0.3235

 18.5386, 0.2338,
0.3143

243.8898, 0.2781,
0.3239

 11.3374, 0.2208,
0.3109

293.8138, 0.2802,
0.3242

 6.2942, 0.2029,
0.3055

350.1243, 0.2820,

 3.0248, 0.1769,

0.3246

0.2963

413.2056, 0.2836,
0.3248

■ 1.1447, 0.1279,
0.2810

■ 0.0158, 0.0000,
0.0196

■ 76.6126, 0.2624,
0.3209

■ 76.6126, 0.2624,
0.3209

■ 73.1208, 0.2505,
0.3182

■ 80.6304, 0.2757,
0.3234

■ 70.1158, 0.2403,
0.3155

■ 85.1928, 0.2900,
0.3258

■ 67.5677, 0.2320,
0.3127

■ 90.3283, 0.3052,
0.3280

■ 65.4388, 0.2255,
0.3099

■ 95.1389, 0.3178,
0.3300

■ 63.6857, 0.2211,
0.3070

■ 96.3821, 0.3177,
0.3319

■ 62.2550, 0.2184,
0.3043

■ 97.6386, 0.3175,
0.3339

■ 61.5998, 0.2175,
0.3029

■ 98.9084, 0.3174,
0.3358

■ 99.4957, 0.3173,
0.3367

Harmonies

Analogous

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



76.6126, 0.2806, 0.3492



76.6126, 0.2624, 0.3209



76.6126, 0.2572, 0.2967

Triad

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



76.6126, 0.2624, 0.3209



76.6126, 0.3156, 0.2906



76.6126, 0.3608, 0.3756

Complementary

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



76.6126, 0.2624, 0.3209



50.3530, 0.3933, 0.3368

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.



76.6126, 0.3715, 0.3574



76.6126, 0.2624, 0.3209



76.6126, 0.3448, 0.3094

Square

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



76.6126, 0.2624, 0.3209



76.6126, 0.2868, 0.2809



76.6126, 0.3656, 0.3333



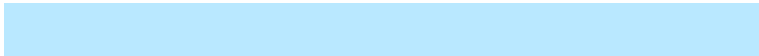
76.6126, 0.3372, 0.3818

Rectangle

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



76.6126, 0.2624, 0.3209



76.6126, 0.2615, 0.2861



76.6126, 0.3656, 0.3333



76.6126, 0.3660, 0.3706

Sweetspot

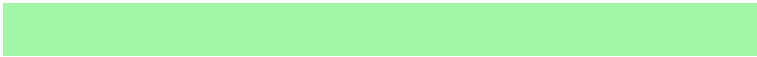
The Sweet Spot groups the original color and five complimentary colors.



76.6156, 0.2624, 0.3209



94.1633, 0.2972, 0.3269



76.8815, 0.3048, 0.4267



19.9902, 0.2951, 0.3266



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.



76.6156, 0.2624, 0.3209



79.5905, 0.2536, 0.3190



54.8034, 0.2556, 0.2708



18.5134, 0.2981, 0.3270



32.6771, 0.2176, 0.3033



2.9390, 0.2186, 0.3068

Inverse Universe

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



51.5559, 0.3225, 0.2488



49.0797, 0.3248, 0.2328



68.3109, 0.3777, 0.3807



16.7437, 0.3150, 0.3075



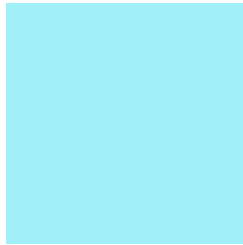
13.3982, 0.3425, 0.1660



1.1843, 0.3395, 0.1644

Previews

White Background



This preview shows how the Yxy color 76.6126, 0.2624, 0.3209 looks on a white background.

Color Contrast Check

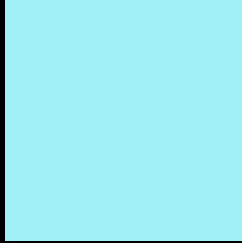
Large Text (above 18pt) WCAG AA × Fail

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 76.6126, 0.2624, 0.3209 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

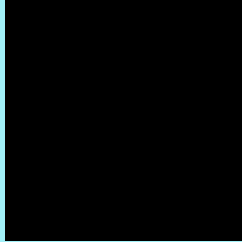
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 76.6126, 0.2624, 0.3209

Background



This preview shows how black text looks on a background with the Yxy color 76.6126, 0.2624, 0.3209.

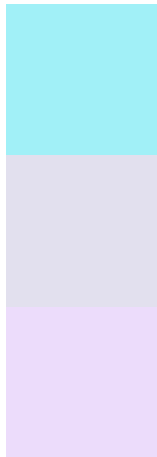


This preview shows how white text looks on a background with the Yxy color 76.6126, 0.2624, 0.3209.

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

76.6126, 0.2624, 0.3209

Protanopia

75.6531, 0.3051, 0.3143

Deuteranopia

75.9843, 0.3038, 0.2975



Tritanopia

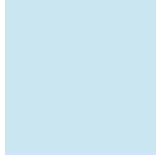
76.3344, 0.2626, 0.3088

Trichromacy



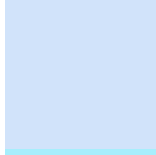
Original Color

76.6126, 0.2624, 0.3209



Protanomaly

75.5011, 0.2877, 0.3169



Deuteranomaly

75.3956, 0.2868, 0.3044



Tritanomaly

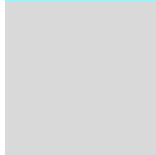
76.3928, 0.2627, 0.3132

Monochromacy



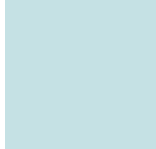
Original Color

76.6126, 0.2624, 0.3209



Achromatopsia

69.3872, 0.3127, 0.3290



Achromatomaly

71.3222, 0.2919, 0.3256

CSS Examples

Text

The CSS property to change the color of the text to Yxy 76.6126, 0.2624, 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(161, 240, 247)` looks like.

```
.text, #text, p{  
    color:rgb(161, 240, 247)  
}
```

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(161, 240, 247) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(161, 240, 247) }
```

Border

The CSS property to change the border of an element to Yxy 76.6126, 0.2624, 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(161, 240, 247) }
```

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

```
.border{ border-color:rgb(161, 240, 247) }
```

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

Here you see how a box with a 4 pixel `rgb(161, 240, 247)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(161, 240, 247); -webkit-box-  
shadow:4px 4px 4px 4px rgb(161, 240, 247);  
box-shadow:4px 4px 4px 4px rgb(161, 240,  
247) }
```


Background

The CSS property to change the background color of an element to Yxy 76.6126, 0.2624, 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(161, 240, 247) }
```

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

```
.background{ background-color: rgb(161,  
240, 247) }
```

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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