

Converting Colors

$Yxy(76.0110, 0.2733, 0.3266)$

Have a look what the booklet for
Yxy(76.0110, 0.2733, 0.3266)
contains.

Yxy(75.9143, 0.2734, 0.3266)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(75.9143, 0.2734, 0.3266)

Conversions

Conversions Part 1

Format	Color
Hex	AFEDEF
RGB	175, 237, 239
RGB Percent	69%, 93%, 94%
CMY	0.3136, 0.0706, 0.0627
CMYK	0.27, 0.01, 0.00, 0.06
HSL	182°, 67%, 81%
HSV	182°, 27%, 94%
XYZ	63.5486, 75.9143, 92.9753
YIQ	218.6900, -37.5940, -12.5220

Conversions

Conversions Part 2

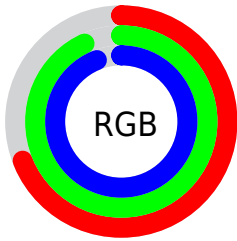
Format	Color
R_{YB}	175, 206, 239
Decimal	11529711
CIE _{Lab}	89.82, -18.91, -7.30
CIE _{LCh}	90, 20.265, 201.101
Yxy	75.9143, 0.2734, 0.3266
Android (android.graphics.Color)	4289719791 (0xFFAFEDEF)
YUV	218.6900, 10.0128, -38.3161
Hunter-Lab	87.1288, -22.2840, -2.2783

Details

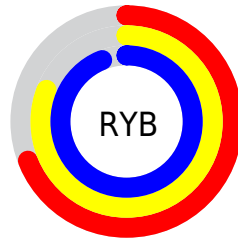
The Yxy color **75.9143, 0.2734, 0.3266** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **52.9100, 0.3700, 0.3314**, and the grayscale version is **70.5668, 0.3127, 0.3290**.

A 20% lighter version of the original color is **95.8958, 0.2987, 0.3290**, and **40.4597, 0.2643, 0.3259** is the 20% darker color. If you saturate the color by 10%, you get **72.9564, 0.2608, 0.3256**, and if you desaturate by 10%, it is **79.3696, 0.2873, 0.3276**.

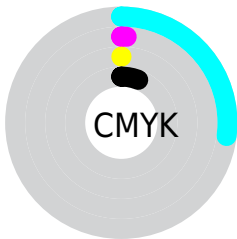
Distribution



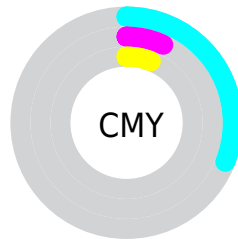
- Red (69%)
- Green (93%)
- Blue (94%)



- Red (69%)
- Yellow (81%)
- Blue (94%)



- Cyan (27%)
- Magenta (1%)
- Yellow (0%)
- Black (6%)





- Cyan (31%)
- Magenta (7%)
- Yellow (6%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 75.9143, 0.2734, 0.3266 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 75.9143, 0.2734, 0.3266 by changing the saturation by 10% instead.

 75.9143, 0.2734,
0.3266

 75.9143, 0.2734,
0.3266


481.0543, 0.2913,
0.3280

 56.3622, 0.2694,
0.3262


 127.6058, 0.2795,
0.3271

 40.4934, 0.2645,
0.3257

160.5139, 0.2819,
0.3273

 27.9235, 0.2584,
0.3251


198.6430, 0.2840,
0.3275

 18.2680, 0.2505,
0.3241

242.3772, 0.2858,
0.3276

 11.1426, 0.2399,
0.3227

292.1011, 0.2874,
0.3277

 6.1628, 0.2251,
0.3203


348.1989, 0.2888,

 2.9443, 0.2030,


0.3278


0.3160


411.0552, 0.2901,
0.3279


 1.1027, 0.1603,
0.3091


 0.0000, 0.0000,
0.0000


 75.9143, 0.2734,
0.3266


 75.9143, 0.2734,
0.3266

 72.9564, 0.2608,
0.3256


 79.3696, 0.2873,
0.3276


 70.4610, 0.2497,
0.3246

 83.3371, 0.3022,
0.3284

 68.4030, 0.2405,
0.3235

 87.8421, 0.3178,
0.3293

 66.7510, 0.2331,
0.3224

 89.8196, 0.3233,
0.3300

■ 65.4697, 0.2277,
0.3214

■ 90.2640, 0.3232,
0.3307

■ 64.5177, 0.2242,
0.3203

■ 90.7102, 0.3231,
0.3315

■ 63.8423, 0.2223,
0.3193

■ 91.1583, 0.3231,
0.3322

■ 63.6559, 0.2219,
0.3190

■ 91.6082, 0.3230,
0.3329

■ 92.0600, 0.3230,
0.3337

Harmonies

Analogous

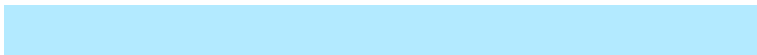
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



75.9143, 0.2900, 0.3491



75.9143, 0.2734, 0.3266



75.9143, 0.2671, 0.3059

Triad

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



75.9143, 0.2734, 0.3266



75.9143, 0.3109, 0.2954



75.9143, 0.3543, 0.3652

Complementary

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



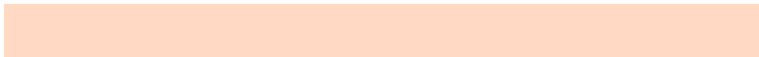
75.9143, 0.2734, 0.3266



52.9100, 0.3700, 0.3314

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.



75.9143, 0.3606, 0.3494



75.9143, 0.2734, 0.3266



75.9143, 0.3350, 0.3099

Square

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



75.9143, 0.2734, 0.3266



75.9143, 0.2881, 0.2890



75.9143, 0.3535, 0.3293



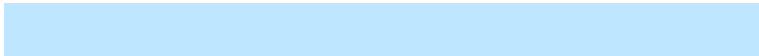
75.9143, 0.3367, 0.3718

Rectangle

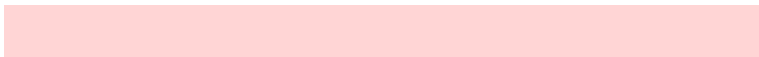
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



75.9143, 0.2734, 0.3266



75.9143, 0.2693, 0.2959



75.9143, 0.3535, 0.3293



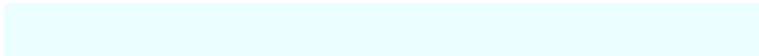
75.9143, 0.3578, 0.3607

Sweetspot

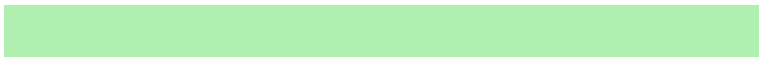
The Sweet Spot groups the original color and five complimentary colors.



75.9174, 0.2734, 0.3266



95.9247, 0.3003, 0.3283



73.9968, 0.3085, 0.4047



20.3774, 0.2980, 0.3282



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.



75.9174, 0.2734, 0.3266



86.0404, 0.2665, 0.3261



59.4699, 0.2698, 0.2901



17.8385, 0.2981, 0.3282



35.2111, 0.2220, 0.3191



2.9559, 0.2224, 0.3205

Inverse Universe

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



55.1373, 0.3174, 0.2643



58.3563, 0.3184, 0.2515



66.6034, 0.3613, 0.3650



16.0223, 0.3143, 0.3065



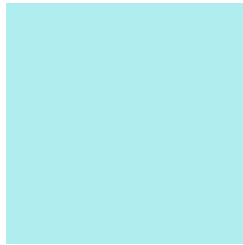
13.3479, 0.3289, 0.1586



1.1131, 0.3278, 0.1579

Previews

White Background



This preview shows how the Yxy color 75.9143, 0.2734, 0.3266 looks on a white background.

Color Contrast Check

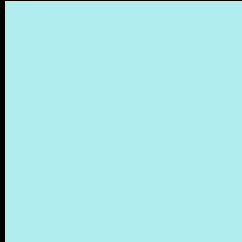
Large Text (above 18pt) WCAG AA × Fail

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 75.9143, 0.2734, 0.3266 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

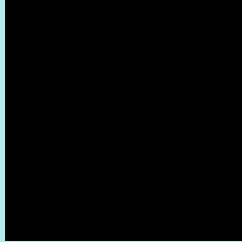
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 75.9143, 0.2734, 0.3266

Background



This preview shows how black text looks on a background with the Yxy color 75.9143, 0.2734, 0.3266.

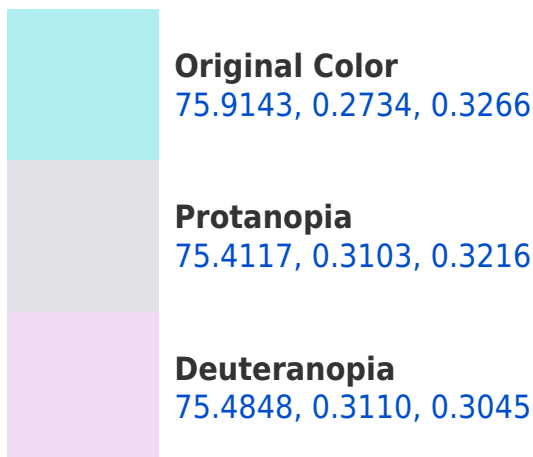


This preview shows how white text looks on a background with the Yxy color 75.9143, 0.2734, 0.3266.

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

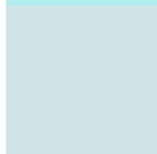
76.0374, 0.2671, 0.3079

Trichromacy



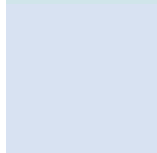
Original Color

75.9143, 0.2734, 0.3266



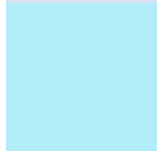
Protanomaly

75.3890, 0.2956, 0.3235



Deuteranomaly

75.4024, 0.2960, 0.3119



Tritanomaly

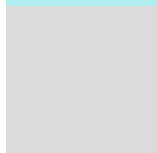
76.1776, 0.2692, 0.3144

Monochromacy



Original Color

75.9143, 0.2734, 0.3266



Achromatopsia

70.8376, 0.3127, 0.3290



Achromatomaly

72.5802, 0.2971, 0.3290

CSS Examples

Text

The CSS property to change the color of the text to Yxy 75.9143, 0.2734, 0.3266 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(175, 237, 239)` looks like.

```
.text, #text, p{  
    color:rgb(175, 237, 239)  
}
```

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(175, 237, 239) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(175, 237, 239) }
```

Border

The CSS property to change the border of an element to Yxy 75.9143, 0.2734, 0.3266 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(175, 237, 239) }
```

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

```
.border{ border-color:rgb(175, 237, 239) }
```

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

Here you see how a box with a 4 pixel `rgb(175, 237, 239)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(175, 237, 239); -webkit-box-  
shadow:4px 4px 4px 4px rgb(175, 237, 239);  
box-shadow:4px 4px 4px 4px rgb(175, 237,  
239) }
```


Background

The CSS property to change the background color of an element to Yxy 75.9143, 0.2734, 0.3266 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(175, 237, 239) }
```

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

```
.background{ background-color: rgb(175,  
237, 239) }
```

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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