

Converting Colors

$Yxy(75.1326, 0.2794, 0.3275)$

Have a look what the booklet for
Yxy(75.1326, 0.2794, 0.3275)
contains.

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Color

Yxy(74.9690, 0.2793, 0.3266)

Conversions

Conversions Part 1

Format	Color
Hex	B7EAEC
RGB	183, 234, 236
RGB Percent	72%, 92%, 93%
CMY	0.2819, 0.0824, 0.0744
CMYK	0.22, 0.01, 0.00, 0.07
HSL	182°, 58%, 82%
HSV	182°, 22%, 93%
XYZ	64.1116, 74.9690, 90.4632
YIQ	218.9790, -31.0380, -10.1900

Conversions

Conversions Part 2

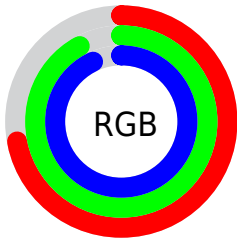
Format	Color
RYB	183, 209, 236
Decimal	12053228
CIELab	89.38, -15.72, -6.33
CIELCh	89, 16.945, 201.941
Yxy	74.9690, 0.2793, 0.3266
Android (android.graphics.Color)	4290243308 (0xFFB7EAEC)
YUV	218.9790, 8.3914, -31.5536
Hunter-Lab	86.5846, -19.3528, -1.3367

Details

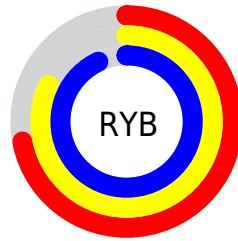
The Yxy color **74.9690, 0.2793, 0.3266** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **56.0177, 0.3581, 0.3314**, and the grayscale version is **70.7953, 0.3127, 0.3290**.

A 20% lighter version of the original color is **97.2653, 0.3035, 0.3290**, and **39.8032, 0.2719, 0.3259** is the 20% darker color. If you saturate the color by 10%, you get **71.7976, 0.2661, 0.3254**, and if you desaturate by 10%, it is **78.6345, 0.2937, 0.3277**.

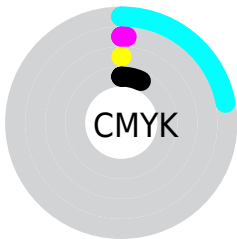
Distribution



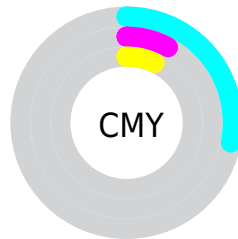
- Red (72%)
- Green (92%)
- Blue (93%)



- Red (72%)
- Yellow (82%)
- Blue (93%)



- Cyan (22%)
- Magenta (1%)
- Yellow (0%)
- Black (7%)





- Cyan (28%)
- Magenta (8%)
- Yellow (7%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 74.9690, 0.2793, 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 74.9690, 0.2793, 0.3266 by changing the saturation by 10% instead.

 74.9690, 0.2793,
0.3266

 74.9690, 0.2793,
0.3266

477.8110, 0.2945,
0.3279

 55.5875, 0.2759,
0.3263


 126.2685, 0.2845,
0.3271

 39.8723, 0.2717,
0.3258


158.9552, 0.2866,
0.3273

 27.4390, 0.2664,
0.3252


196.8459, 0.2884,
0.3274

 17.9032, 0.2595,
0.3244

240.3248, 0.2899,
0.3275

 10.8805, 0.2503,
0.3231

289.7764, 0.2913,
0.3277

 5.9865, 0.2374,
0.3211

345.5850, 0.2925,

 2.8369, 0.2177,

0.3278

0.3174

408.1351, 0.2936,
0.3278

■ 1.0472, 0.1795,
0.3116

■ 0.0000, 0.0000,
0.0000

■ 74.9690, 0.2793,
0.3266

■ 74.9690, 0.2793,
0.3266

■ 71.7976, 0.2661,
0.3254

■ 78.6345, 0.2937,
0.3277

■ 69.0870, 0.2542,
0.3242

■ 82.8076, 0.3089,
0.3288

■ 66.8140, 0.2441,
0.3229

■ 87.5122, 0.3247,
0.3297

■ 64.9497, 0.2358,
0.3216

■ 88.2459, 0.3254,
0.3306

■ 63.4617, 0.2295,
0.3203

■ 88.7760, 0.3253,
0.3315

■ 62.3128, 0.2250,
0.3190

■ 89.3088, 0.3252,
0.3324

■ 61.4579, 0.2224,
0.3177

■ 89.8443, 0.3251,
0.3333

■ 60.9525, 0.2213,
0.3167

■ 90.3825, 0.3250,
0.3342

■ 90.9233, 0.3249,
0.3350

Harmonies

Analogous

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



74.9690, 0.2932, 0.3453



74.9690, 0.2793, 0.3266



74.9690, 0.2742, 0.3093

Triad

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



74.9690, 0.2793, 0.3266



74.9690, 0.3119, 0.3008



74.9690, 0.3473, 0.3598

Complementary

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



74.9690, 0.2793, 0.3266



56.0177, 0.3581, 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.



74.9690, 0.3529, 0.3468



74.9690, 0.2793, 0.3266



74.9690, 0.3320, 0.3133

Square

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



74.9690, 0.2793, 0.3266



74.9690, 0.2925, 0.2952



74.9690, 0.3472, 0.3299



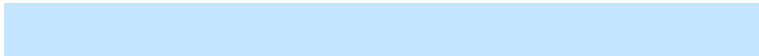
74.9690, 0.3324, 0.3648

Rectangle

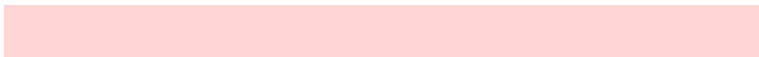
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



74.9690, 0.2793, 0.3266



74.9690, 0.2762, 0.3010



74.9690, 0.3472, 0.3299



74.9690, 0.3504, 0.3561

Sweetspot

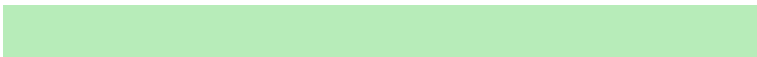
The Sweet Spot groups the original color and five complimentary colors.



74.9721, 0.2793, 0.3266



96.3320, 0.3018, 0.3283



73.5802, 0.3087, 0.3897



20.5544, 0.3009, 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.



74.9721, 0.2793, 0.3266



87.5159, 0.2729, 0.3261



61.1507, 0.2770, 0.2961



17.0164, 0.2981, 0.3280



33.6372, 0.2214, 0.3169



2.6724, 0.2219, 0.3187

Inverse Universe

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



57.6855, 0.3169, 0.2753



63.4912, 0.3178, 0.2639



68.0104, 0.3520, 0.3598



15.3032, 0.3144, 0.3067



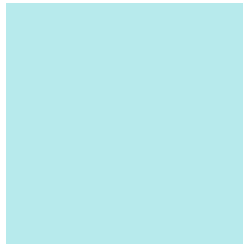
12.8885, 0.3308, 0.1596



1.0152, 0.3293, 0.1588

Previews

White Background



This preview shows how the Yxy color 74.9690, 0.2793, 0.3266 looks on a white background.

Color Contrast Check

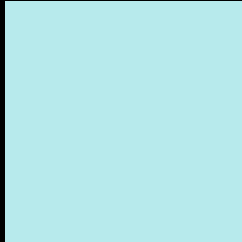
Large Text (above 18pt) WCAG AA × Fail

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 74.9690, 0.2793, 0.3266 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

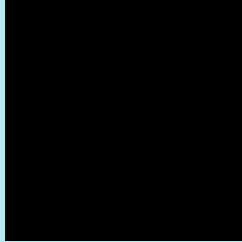
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 74.9690, 0.2793, 0.3266

Background



This preview shows how black text looks on a background with the Yxy color 74.9690, 0.2793, 0.3266.

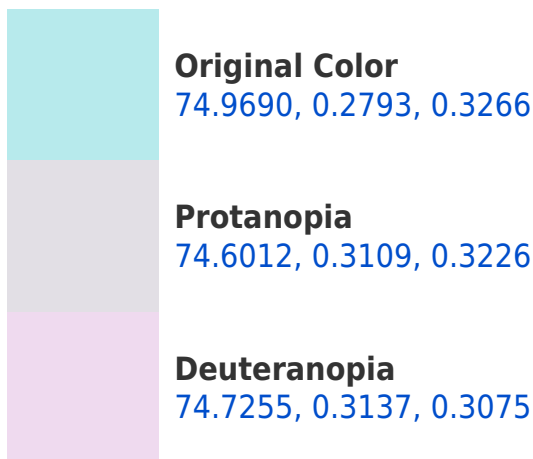


This preview shows how white text looks on a background with the Yxy color 74.9690, 0.2793, 0.3266.

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

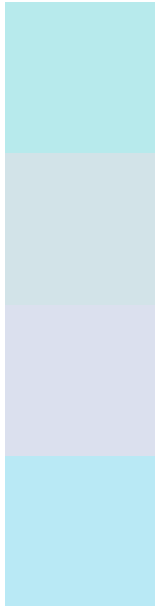




Tritanopia

75.0545, 0.2733, 0.3091

Trichromacy



Original Color

74.9690, 0.2793, 0.3266

Protanomaly

74.4660, 0.2981, 0.3235

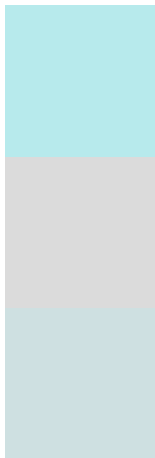
Deuteranomaly

74.5444, 0.3004, 0.3140

Tritanomaly

75.1847, 0.2755, 0.3156

Monochromacy



Original Color

74.9690, 0.2793, 0.3266

Achromatopsia

70.8376, 0.3127, 0.3290

Achromatomaly

71.8694, 0.2997, 0.3279

CSS Examples

Text

The CSS property to change the color of the text to Yxy 74.9690, 0.2793, 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(183, 234, 236)` looks like.

```
.text, #text, p{  
    color:rgb(183, 234, 236)  
}
```

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(183, 234, 236) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(183, 234, 236) }
```

Border

The CSS property to change the border of an element to Yxy 74.9690, 0.2793, 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(183, 234, 236) }
```

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

```
.border{ border-color:rgb(183, 234, 236) }
```

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

Here you see how a box with a 4 pixel `rgb(183, 234, 236)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(183, 234, 236); -webkit-box-  
shadow:4px 4px 4px 4px rgb(183, 234, 236);  
box-shadow:4px 4px 4px 4px rgb(183, 234,  
236) }
```


Background

The CSS property to change the background color of an element to Yxy 74.9690, 0.2793, 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(183, 234, 236) }
```

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

```
.background{ background-color: rgb(183,  
234, 236) }
```

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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