

Converting Colors

$Yxy(74.8757, 0.2790, 0.3235)$

Have a look what the booklet for
Yxy(74.8757, 0.2790, 0.3235)
contains.

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Color

Yxy(74.7652, 0.2792, 0.3233)

Conversions

Conversions Part 1

Format	Color
Hex	B9E9EE
RGB	185, 233, 238
RGB Percent	73%, 91%, 93%
CMY	0.2748, 0.0862, 0.0666
CMYK	0.22, 0.02, 0.00, 0.07
HSL	186°, 61%, 83%
HSV	186°, 22%, 93%
XYZ	64.5668, 74.7652, 91.9244
YIQ	219.2180, -30.2130, -8.6210

Conversions

Conversions Part 2

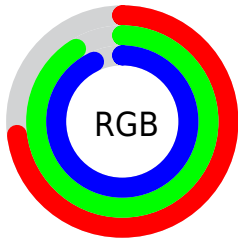
Format	Color
R_{YB}	185, 210, 238
Decimal	12184046
CIE _{Lab}	89.28, -14.27, -7.50
CIE _{LCh}	89, 16.123, 207.735
Yxy	74.7652, 0.2792, 0.3233
Android (android.graphics.Color)	4290374126 (0xFFB9E9EE)
YUV	219.2180, 9.2595, -30.0092
Hunter-Lab	86.4669, -18.0270, -2.5054

Details

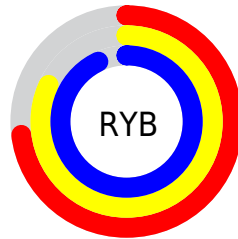
The Yxy color **74.7652, 0.2792, 0.3233** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **58.4704, 0.3572, 0.3346**, and the grayscale version is **70.9408, 0.3127, 0.3290**.

A 20% lighter version of the original color is **97.6172, 0.3047, 0.3290**, and **39.6470, 0.2719, 0.3215** is the 20% darker color. If you saturate the color by 10%, you get **70.7940, 0.2656, 0.3204**, and if you desaturate by 10%, it is **79.2540, 0.2938, 0.3260**.

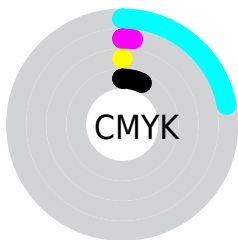
Distribution



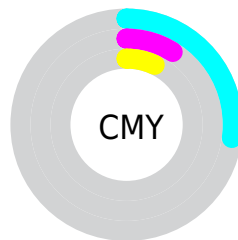
- Red (73%)
- Green (91%)
- Blue (93%)



- Red (73%)
- Yellow (82%)
- Blue (93%)



- Cyan (22%)
- Magenta (2%)
- Yellow (0%)
- Black (7%)





- Cyan (27%)
- Magenta (9%)
- Yellow (7%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 74.7652, 0.2792, 0.3233 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 74.7652, 0.2792, 0.3233 by changing the saturation by 10% instead.

 74.7652, 0.2792,
0.3233

 74.7652, 0.2792,
0.3233

477.1101, 0.2945,
0.3261

 55.4206, 0.2758,
0.3226


 125.9799, 0.2845,
0.3243

 39.7385, 0.2715,
0.3217


158.6188, 0.2865,
0.3247

 27.3347, 0.2662,
0.3206

196.4579, 0.2883,
0.3250

 17.8248, 0.2594,
0.3190

239.8816, 0.2898,
0.3253

 10.8243, 0.2502,
0.3168

289.2742, 0.2912,
0.3256

 5.9488, 0.2372,
0.3134

345.0203, 0.2924,

 2.8140, 0.2176,

0.3258

0.3076

407.5041, 0.2935,
0.3260

1.0354, 0.1806,
0.2976

0.0000, 0.0000,
0.0000

74.7652, 0.2792,
0.3233

74.7652, 0.2792,
0.3233

70.7940, 0.2656,
0.3204

79.2540, 0.2938,
0.3260

67.3065, 0.2532,
0.3174

84.2742, 0.3091,
0.3285

64.2790, 0.2424,
0.3142

89.5972, 0.3239,
0.3307

61.6819, 0.2334,
0.3110

90.9210, 0.3237,
0.3329

■ 59.4822, 0.2263,
0.3077

■ 92.2611, 0.3235,
0.3351

■ 57.6417, 0.2212,
0.3044

■ 93.6175, 0.3233,
0.3372

■ 56.1146, 0.2179,
0.3012

■ 94.9904, 0.3232,
0.3394

■ 55.0977, 0.2163,
0.2988

■ 96.3798, 0.3230,
0.3415

■ 97.7856, 0.3228,
0.3436

Harmonies

Analogous

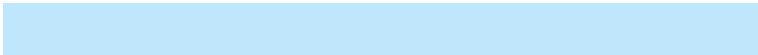
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



74.7652, 0.2910, 0.3413



74.7652, 0.2792, 0.3233



74.7652, 0.2761, 0.3076

Triad

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



74.7652, 0.2792, 0.3233



74.7652, 0.3157, 0.3040



74.7652, 0.3435, 0.3599

Complementary

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



74.7652, 0.2792, 0.3233



58.4704, 0.3572, 0.3346

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.



74.7652, 0.3507, 0.3488



74.7652, 0.2792, 0.3233



74.7652, 0.3344, 0.3169

Square

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



74.7652, 0.2792, 0.3233



74.7652, 0.2967, 0.2972



74.7652, 0.3474, 0.3331



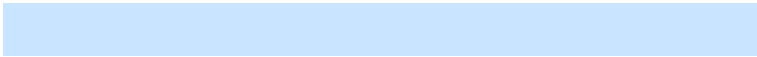
74.7652, 0.3281, 0.3629

Rectangle

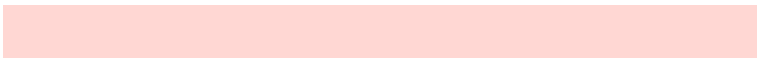
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



74.7652, 0.2792, 0.3233



74.7652, 0.2793, 0.3006



74.7652, 0.3474, 0.3331



74.7652, 0.3470, 0.3570

Sweetspot

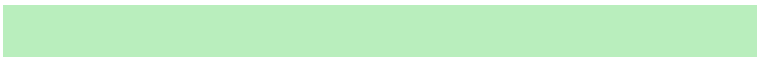
The Sweet Spot groups the original color and five complimentary colors.



74.7682, 0.2792, 0.3233



95.7042, 0.3018, 0.3273



75.1503, 0.3072, 0.3861



20.4085, 0.3009, 0.3272



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.



74.7682, 0.2792, 0.3233



85.1370, 0.2725, 0.3219



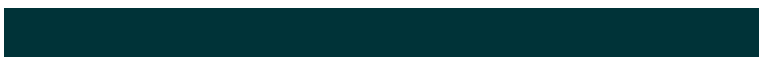
61.1268, 0.2769, 0.2931



17.6600, 0.2981, 0.3267



30.8393, 0.2165, 0.2993



2.6389, 0.2176, 0.3035

Inverse Universe

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



58.7310, 0.3191, 0.2784



63.2511, 0.3207, 0.2674



70.7357, 0.3512, 0.3624



16.0043, 0.3152, 0.3079



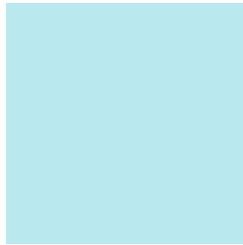
12.9066, 0.3461, 0.1680



1.0811, 0.3424, 0.1660

Previews

White Background



This preview shows how the Yxy color 74.7652, 0.2792, 0.3233 looks on a white background.

Color Contrast Check

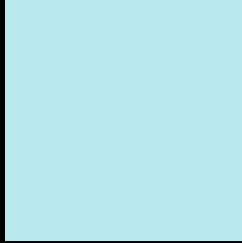
Large Text (above 18pt) WCAG AA × Fail

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 74.7652, 0.2792, 0.3233 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

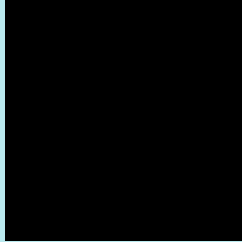
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 74.7652, 0.2792, 0.3233

Background



This preview shows how black text looks on a background with the Yxy color 74.7652, 0.2792, 0.3233.

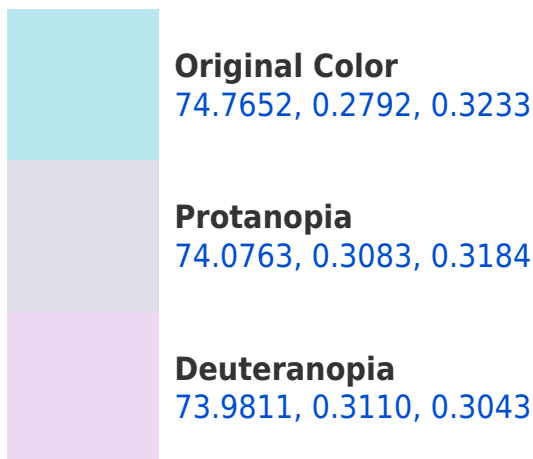


This preview shows how white text looks on a background with the Yxy color 74.7652, 0.2792, 0.3233.

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

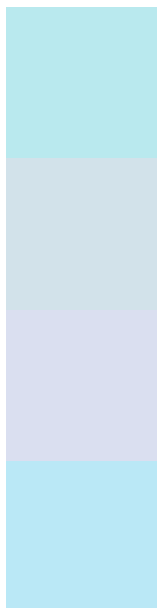




Tritanopia

74.6188, 0.2737, 0.3080

Trichromacy



Original Color

74.7652, 0.2792, 0.3233

Protanomaly

74.0349, 0.2969, 0.3203

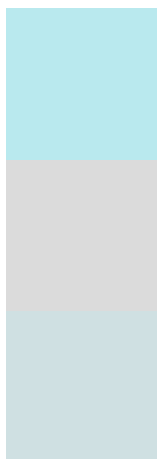
Deuteranomaly

73.9720, 0.2985, 0.3108

Tritanomaly

74.8061, 0.2754, 0.3134

Monochromacy



Original Color

74.7652, 0.2792, 0.3233

Achromatopsia

70.8376, 0.3127, 0.3290

Achromatomaly

72.0677, 0.2998, 0.3267

CSS Examples

Text

The CSS property to change the color of the text to Yxy 74.7652, 0.2792, 0.3233 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(185, 233, 238)` looks like.

```
.text, #text, p{  
    color:rgb(185, 233, 238)  
}
```

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(185, 233, 238) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(185, 233, 238) }
```

Border

The CSS property to change the border of an element to Yxy 74.7652, 0.2792, 0.3233 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(185, 233, 238) }
```

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

```
.border{ border-color:rgb(185, 233, 238) }
```

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

Here you see how a box with a 4 pixel `rgb(185, 233, 238)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(185, 233, 238); -webkit-box-  
shadow:4px 4px 4px 4px rgb(185, 233, 238);  
box-shadow:4px 4px 4px 4px rgb(185, 233,  
238) }
```


Background

The CSS property to change the background color of an element to Yxy 74.7652, 0.2792, 0.3233 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(185, 233, 238) }
```

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

```
.background{ background-color: rgb(185,  
233, 238) }
```

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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