

Converting Colors

$Yxy(73.8215, 0.2695, 0.3254)$

Have a look what the booklet for
Yxy(73.8215, 0.2695, 0.3254)
contains.

Yxy(73.8052, 0.2693, 0.3254)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

Yxy(73.8052, 0.2693, 0.3254)

Conversions

Conversions Part 1

Format	Color
Hex	A7EBEE
RGB	167, 235, 238
RGB Percent	65%, 92%, 93%
CMY	0.3450, 0.0784, 0.0666
CMYK	0.30, 0.01, 0.00, 0.07
HSL	183°, 68%, 79%
HSV	183°, 30%, 93%
XYZ	61.0809, 73.8052, 91.9276
YIQ	215.0100, -41.4910, -13.4830

Conversions

Conversions Part 2

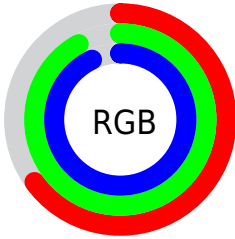
Format	Color
R_{YB}	167, 202, 238
Decimal	11004910
CIE _{Lab}	88.83, -20.38, -8.29
CIE _{LCh}	89, 21.997, 202.128
Yxy	73.8052, 0.2693, 0.3254
Android (android.graphics.Color)	4289194990 (0xFFA7EBEE)
YUV	215.0100, 11.3341, -42.1048
Hunter-Lab	85.9100, -23.4311, -3.3061

Details

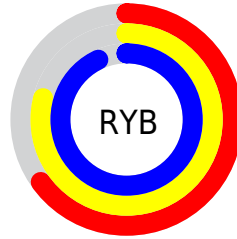
The Yxy color **73.8052, 0.2693, 0.3254** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **49.7320, 0.3787, 0.3326**, and the grayscale version is **67.9092, 0.3127, 0.3290**.

A 20% lighter version of the original color is **94.5873, 0.2940, 0.3289**, and **39.0623, 0.2594, 0.3243** is the 20% darker color. If you saturate the color by 10%, you get **70.8723, 0.2570, 0.3240**, and if you desaturate by 10%, it is **77.2244, 0.2829, 0.3267**.

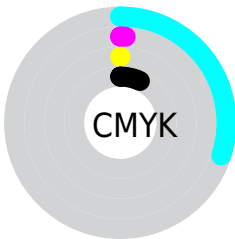
Distribution



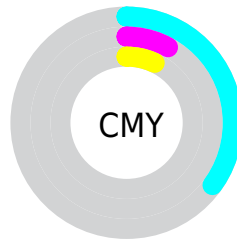
- Red (65%)
- Green (92%)
- Blue (93%)



- Red (65%)
- Yellow (79%)
- Blue (93%)



- Cyan (30%)
- Magenta (1%)
- Yellow (0%)
- Black (7%)





- Cyan (35%)
- Magenta (8%)
- Yellow (7%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 73.8052, 0.2693, 0.3254 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 73.8052, 0.2693, 0.3254 by changing the saturation by 10% instead.


 73.8052, 0.2693,
0.3254


 73.8052, 0.2693,
0.3254


473.8008, 0.2891,
0.3274

 54.6346, 0.2649,
0.3249


 124.6196, 0.2761,
0.3262

 39.1093, 0.2594,
0.3242


 157.0323, 0.2788,
0.3264

 26.8447, 0.2526,
0.3232


194.6277, 0.2811,
0.3267

 17.4566, 0.2438,
0.3219

237.7903, 0.2831,
0.3269

 10.5606, 0.2320,
0.3199

286.9046, 0.2848,
0.3270

 5.7722, 0.2154,
0.3166

342.3548, 0.2864,

 2.7071, 0.1907,

0.3272

0.3107

404.5254, 0.2878,
0.3273

0.9808, 0.1337,
0.3038

0.0000, 0.0000,
0.0000

73.8052, 0.2693,
0.3254

73.8052, 0.2693,
0.3254

70.8723, 0.2570,
0.3240

77.2244, 0.2829,
0.3267

68.3905, 0.2464,
0.3226

81.1452, 0.2976,
0.3279

66.3342, 0.2376,
0.3212

85.5932, 0.3130,
0.3290

64.6712, 0.2307,
0.3198

89.1939, 0.3240,
0.3300

■ 63.3651, 0.2257,
0.3183

■ 89.7879, 0.3239,
0.3310

■ 62.3722, 0.2226,
0.3169

■ 90.3852, 0.3238,
0.3320

■ 61.6202, 0.2210,
0.3155

■ 90.9858, 0.3237,
0.3330

■ 61.6082, 0.2210,
0.3155

■ 91.5898, 0.3236,
0.3340

■ 92.1971, 0.3235,
0.3349

Harmonies

Analogous

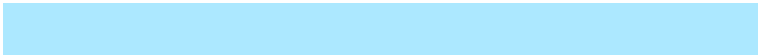
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



73.8052, 0.2871, 0.3503



73.8052, 0.2693, 0.3254



73.8052, 0.2628, 0.3029

Triad

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



73.8052, 0.2693, 0.3254



73.8052, 0.3116, 0.2928



73.8052, 0.3578, 0.3690

Complementary

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



73.8052, 0.2693, 0.3254



49.7320, 0.3787, 0.3326

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.



73.8052, 0.3653, 0.3518



73.8052, 0.2693, 0.3254



73.8052, 0.3380, 0.3087

Square

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



73.8052, 0.2693, 0.3254



73.8052, 0.2865, 0.2854



73.8052, 0.3580, 0.3299



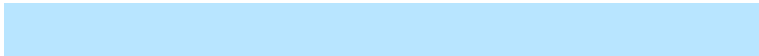
73.8052, 0.3381, 0.3760

Rectangle

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



73.8052, 0.2693, 0.3254



73.8052, 0.2656, 0.2923



73.8052, 0.3580, 0.3299



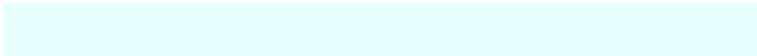
73.8052, 0.3618, 0.3641

Sweetspot

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



73.8082, 0.2693, 0.3254



95.2836, 0.2988, 0.3280



72.2552, 0.3073, 0.4133



20.2417, 0.2966, 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.



73.8082, 0.2693, 0.3254



84.0842, 0.2614, 0.3246



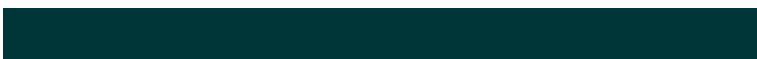
55.7689, 0.2646, 0.2834



17.8070, 0.2981, 0.3279



34.4159, 0.2210, 0.3157



2.8985, 0.2215, 0.3175

Inverse Universe

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



51.8212, 0.3186, 0.2577



54.4968, 0.3200, 0.2429



64.5773, 0.3675, 0.3705



16.0191, 0.3145, 0.3067



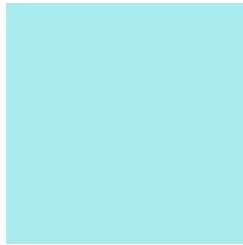
13.2677, 0.3318, 0.1602



1.1073, 0.3303, 0.1593

Previews

White Background



This preview shows how the Yxy color 73.8052, 0.2693, 0.3254 looks on a white background.

Color Contrast Check

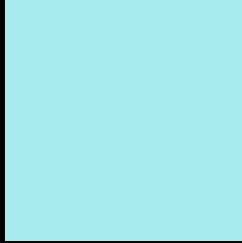
Large Text (above 18pt) WCAG AA × Fail

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 73.8052, 0.2693, 0.3254 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

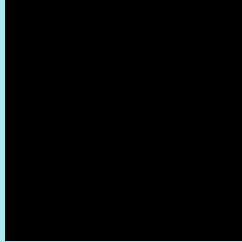
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 73.8052, 0.2693, 0.3254

Background



This preview shows how black text looks on a background with the Yxy color 73.8052, 0.2693, 0.3254.

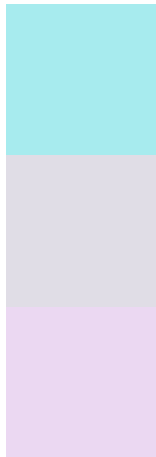


This preview shows how white text looks on a background with the Yxy color 73.8052, 0.2693, 0.3254.

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

73.8052, 0.2693, 0.3254

Protanopia

73.2734, 0.3089, 0.3194

Deuteranopia

73.1847, 0.3090, 0.3021



Tritanopia

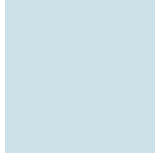
73.8521, 0.2635, 0.3075

Trichromacy



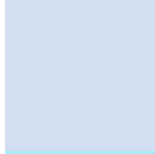
Original Color

73.8052, 0.2693, 0.3254



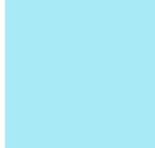
Protanomaly

72.9724, 0.2929, 0.3212



Deuteranomaly

72.8279, 0.2926, 0.3095



Tritanomaly

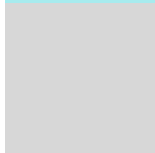
73.9961, 0.2656, 0.3141

Monochromacy



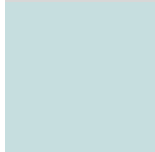
Original Color

73.8052, 0.2693, 0.3254



Achromatopsia

67.9542, 0.3127, 0.3290



Achromatomaly

69.5760, 0.2956, 0.3278

CSS Examples

Text

The CSS property to change the color of the text to Yxy 73.8052, 0.2693, 0.3254 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(167, 235, 238)` looks like.

```
.text, #text, p{  
    color:rgb(167, 235, 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(167, 235, 238) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(167, 235, 238) }
```

Border

The CSS property to change the border of an element to Yxy 73.8052, 0.2693, 0.3254 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(167, 235, 238) }
```

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

```
.border{ border-color:rgb(167, 235, 238) }
```

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

Here you see how a box with a 4 pixel `rgb(167, 235, 238)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(167, 235, 238); -webkit-box-  
shadow:4px 4px 4px 4px rgb(167, 235, 238);  
box-shadow:4px 4px 4px 4px rgb(167, 235,  
238) }
```


Background

The CSS property to change the background color of an element to Yxy 73.8052, 0.2693, 0.3254 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(167, 235, 238) }
```

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

```
.background{ background-color: rgb(167,  
235, 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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