

Converting Colors

$Yxy(72.0653, 0.2693, 0.3262)$

Have a look what the booklet for
Yxy(72.0653, 0.2693, 0.3262)
contains.

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Color

Yxy(72.2753, 0.2695, 0.3265)

Conversions

Conversions Part 1

Format	Color
Hex	A5E9EB
RGB	165, 233, 235
RGB Percent	65%, 91%, 92%
CMY	0.3529, 0.0863, 0.0783
CMYK	0.30, 0.01, 0.00, 0.08
HSL	182°, 64%, 78%
HSV	182°, 30%, 92%
XYZ	59.6576, 72.2753, 89.4310
YIQ	212.8960, -41.1700, -13.7940

Conversions

Conversions Part 2

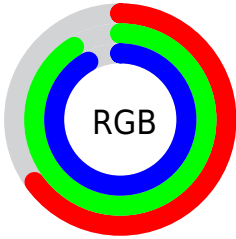
Format	Color
R _Y B	165, 199, 235
Decimal	10873323
CIE Lab	88.10, -20.61, -7.82
CIE LCh	88, 22.043, 200.769
Yxy	72.2753, 0.2695, 0.3265
Android (android.graphics.Color)	4289063403 (0xFFA5E9EB)
YUV	212.8960, 10.8973, -42.0048
Hunter-Lab	85.0149, -23.5171, -2.8594

Details

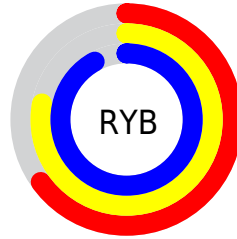
The Yxy color **72.2753, 0.2695, 0.3265** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **48.0438, 0.3788, 0.3315**, and the grayscale version is **66.4178, 0.3127, 0.3290**.

A 20% lighter version of the original color is **94.2696, 0.2929, 0.3289**, and **38.0140, 0.2596, 0.3258** is the 20% darker color. If you saturate the color by 10%, you get **69.5980, 0.2574, 0.3256**, and if you desaturate by 10%, it is **75.4231, 0.2830, 0.3274**.

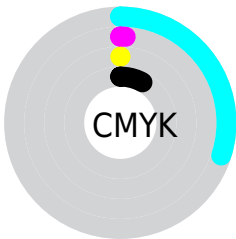
Distribution



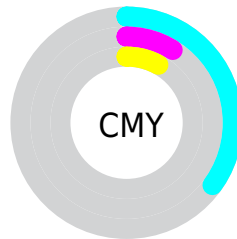
- Red (65%)
- Green (91%)
- Blue (92%)



- Red (65%)
- Yellow (78%)
- Blue (92%)



- Cyan (30%)
- Magenta (1%)
- Yellow (0%)
- Black (8%)





- Cyan (35%)
- Magenta (9%)
- Yellow (8%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 72.2753, 0.2695, 0.3265 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 72.2753, 0.2695, 0.3265 by changing the saturation by 10% instead.


 72.2753, 0.2695,
0.3265

 72.2753, 0.2695,
0.3265

468.4993, 0.2893,
0.3280

 53.3836, 0.2650,
0.3261


 122.4479, 0.2763,
0.3271

 38.1091, 0.2596,
0.3255

 154.4975, 0.2790,
0.3273

 26.0674, 0.2527,
0.3248


191.7019, 0.2813,
0.3275

 16.8740, 0.2438,
0.3236

234.4455, 0.2833,
0.3276

 10.1447, 0.2318,
0.3219

283.1126, 0.2850,
0.3277

 5.4950, 0.2149,
0.3191

338.0877, 0.2866,

 2.5405, 0.1895,

0.3278

0.3137

399.7551, 0.2880,
0.3279

0.8969, 0.1211,
0.3110

0.0000, 0.0000,
0.0000

72.2753, 0.2695,
0.3265

72.2753, 0.2695,
0.3265

69.5980, 0.2574,
0.3256

75.4231, 0.2830,
0.3274

67.3570, 0.2469,
0.3246

79.0560, 0.2976,
0.3282

65.5274, 0.2382,
0.3236

83.1990, 0.3130,
0.3290

64.0781, 0.2314,
0.3226

87.0998, 0.3262,
0.3297

■ 62.9738, 0.2266,
0.3216

■ 87.4943, 0.3261,
0.3304

■ 62.1723, 0.2237,
0.3207

■ 87.8902, 0.3260,
0.3311

■ 61.6034, 0.2222,
0.3197

■ 88.2877, 0.3260,
0.3317

■ 61.5924, 0.2222,
0.3197

■ 88.6867, 0.3259,
0.3324

■ 89.0872, 0.3258,
0.3331

Harmonies

Analogous

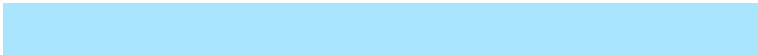
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



72.2753, 0.2879, 0.3516



72.2753, 0.2695, 0.3265



72.2753, 0.2624, 0.3035

Triad

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



72.2753, 0.2695, 0.3265



72.2753, 0.3103, 0.2919



72.2753, 0.3588, 0.3687

Complementary

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



72.2753, 0.2695, 0.3265



48.0438, 0.3788, 0.3315

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.



72.2753, 0.3657, 0.3511



72.2753, 0.2695, 0.3265



72.2753, 0.3371, 0.3077

Square

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



72.2753, 0.2695, 0.3265



72.2753, 0.2852, 0.2849



72.2753, 0.3577, 0.3289



72.2753, 0.3394, 0.3764

Rectangle

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



72.2753, 0.2695, 0.3265



72.2753, 0.2648, 0.2925



72.2753, 0.3577, 0.3289



72.2753, 0.3627, 0.3637

Sweetspot

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



72.2782, 0.2695, 0.3265



95.4784, 0.2988, 0.3283



70.1993, 0.3080, 0.4146



20.2901, 0.2966, 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.



72.2782, 0.2695, 0.3265



84.8533, 0.2616, 0.3259



54.7839, 0.2649, 0.2850



17.0422, 0.2981, 0.3283



34.3011, 0.2222, 0.3199



2.7172, 0.2226, 0.3212

Inverse Universe

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



50.4678, 0.3178, 0.2569



54.5744, 0.3190, 0.2418



62.2497, 0.3677, 0.3692



15.3058, 0.3142, 0.3065



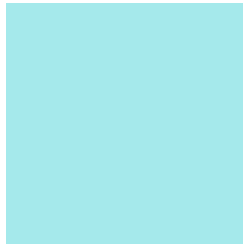
12.9555, 0.3283, 0.1582



1.0197, 0.3272, 0.1576

Previews

White Background



This preview shows how the Yxy color 72.2753, 0.2695, 0.3265 looks on a white background.

Color Contrast Check

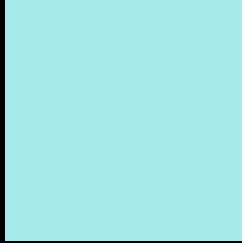
Large Text (above 18pt) WCAG AA × Fail

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 72.2753, 0.2695, 0.3265 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

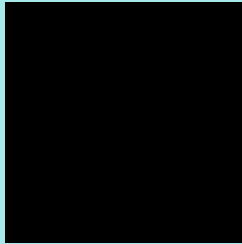
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 72.2753, 0.2695, 0.3265

Background



This preview shows how black text looks on a background with the Yxy color 72.2753, 0.2695, 0.3265.

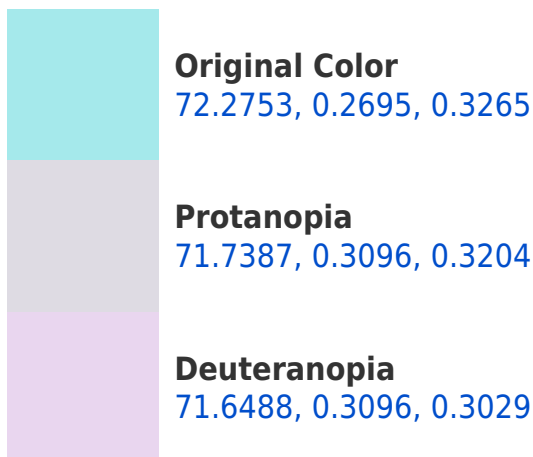


This preview shows how white text looks on a background with the Yxy color 72.2753, 0.2695, 0.3265.

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

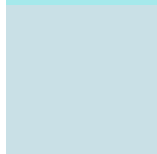
72.3162, 0.2637, 0.3084

Trichromacy



Original Color

72.2753, 0.2695, 0.3265



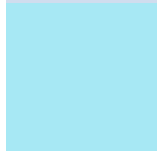
Protanomaly

71.4420, 0.2933, 0.3223



Deuteranomaly

71.2958, 0.2930, 0.3104



Tritanomaly

72.4604, 0.2658, 0.3151

Monochromacy



Original Color

72.2753, 0.2695, 0.3265



Achromatopsia

66.5387, 0.3127, 0.3290



Achromatomaly

68.1426, 0.2954, 0.3278

CSS Examples

Text

The CSS property to change the color of the text to Yxy 72.2753, 0.2695, 0.3265 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(165, 233, 235)` looks like.

```
.text, #text, p{  
    color:rgb(165, 233, 235)  
}
```

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(165, 233, 235) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(165, 233, 235) }
```

Border

The CSS property to change the border of an element to Yxy 72.2753, 0.2695, 0.3265 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(165, 233, 235) }
```

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

```
.border{ border-color:rgb(165, 233, 235) }
```

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

Here you see how a box with a 4 pixel `rgb(165, 233, 235)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(165, 233, 235); -webkit-box-  
shadow:4px 4px 4px 4px rgb(165, 233, 235);  
box-shadow:4px 4px 4px 4px rgb(165, 233,  
235) }
```


Background

The CSS property to change the background color of an element to $\text{Yxy } 72.2753, 0.2695, 0.3265$ is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(165, 233, 235) }
```

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

```
.background{ background-color: rgb(165,  
233, 235) }
```

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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