

Converting Colors

$Yxy(72.9347, 0.2730, 0.3252)$

Have a look what the booklet for
Yxy(72.9347, 0.2730, 0.3252)
contains.

Yxy(73.1046, 0.2729, 0.3254)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(73.1046, 0.2729, 0.3254)

Conversions

Conversions Part 1

Format	Color
Hex	ACE9EC
RGB	172, 233, 236
RGB Percent	67%, 91%, 93%
CMY	0.3251, 0.0863, 0.0745
CMYK	0.27, 0.01, 0.00, 0.07
HSL	183°, 63%, 80%
HSV	183°, 27%, 93%
XYZ	61.3099, 73.1046, 90.2462
YIQ	215.1030, -37.3190, -11.9990

Conversions

Conversions Part 2

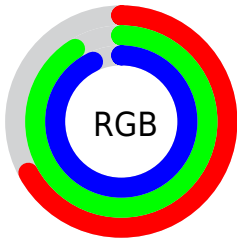
Format	Color
RYB	172, 203, 236
Decimal	11332076
CIELab	88.50, -18.40, -7.70
CIELCh	88, 19.949, 202.704
Yxy	73.1046, 0.2729, 0.3254
Android (android.graphics.Color)	4289522156 (0xFFACE9EC)
YUV	215.1030, 10.3022, -37.8013
Hunter-Lab	85.5012, -21.6311, -2.7295

Details

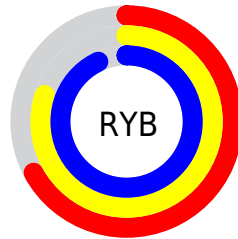
The Yxy color **73.1046, 0.2729, 0.3254** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **51.5291, 0.3705, 0.3326**, and the grayscale version is **67.9913, 0.3127, 0.3290**.

A 20% lighter version of the original color is **95.3980, 0.2970, 0.3290**, and **38.5911, 0.2641, 0.3243** is the 20% darker color. If you saturate the color by 10%, you get **70.0363, 0.2602, 0.3239**, and if you desaturate by 10%, it is **76.6571, 0.2868, 0.3268**.

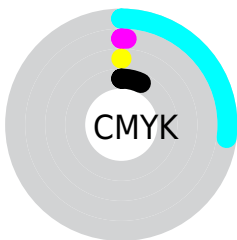
Distribution



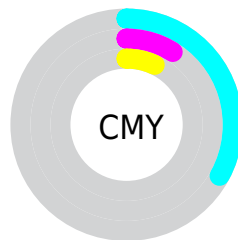
- Red (67%)
- Green (91%)
- Blue (93%)



- Red (67%)
- Yellow (80%)
- Blue (93%)



- Cyan (27%)
- Magenta (1%)
- Yellow (0%)
- Black (7%)





- Cyan (33%)
- Magenta (9%)
- Yellow (7%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 73.1046, 0.2729, 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 73.1046, 0.2729, 0.3254 by changing the saturation by 10% instead.


 73.1046, 0.2729,
0.3254

 73.1046, 0.2729,
0.3254


471.3773, 0.2911,
0.3274

 54.0615, 0.2688,
0.3249


 123.6257, 0.2792,
0.3261

 38.6508, 0.2638,
0.3242


155.8725, 0.2816,
0.3264

 26.4882, 0.2574,
0.3233


193.2893, 0.2837,
0.3266

 17.1892, 0.2493,
0.3221

236.2605, 0.2856,
0.3268

 10.3695, 0.2383,
0.3202

285.1705, 0.2872,
0.3270

 5.6446, 0.2227,
0.3172

340.4037, 0.2886,

 2.6302, 0.1993,

0.3271

402.3445, 0.2899,
0.3272

0.3117

0.9419, 0.1444,
0.3056

0.0000, 0.0000,
0.0000

73.1046, 0.2729,
0.3254

73.1046, 0.2729,
0.3254

70.0363, 0.2602,
0.3239

76.6571, 0.2868,
0.3268

67.4184, 0.2491,
0.3224


80.7082, 0.3018,
0.3281

65.2262, 0.2397,
0.3208

85.2826, 0.3173,
0.3293

63.4295, 0.2322,
0.3191


88.1527, 0.3254,
0.3305


 61.9938, 0.2266,
0.3175


 88.8046, 0.3253,
0.3315

 60.8787, 0.2230,
0.3159


 89.4605, 0.3252,
0.3326

 60.0320, 0.2210,
0.3144

 90.1205, 0.3251,
0.3337

 59.8108, 0.2205,
0.3139

 90.7846, 0.3250,
0.3348

 91.4528, 0.3249,
0.3359

Harmonies

Analogous

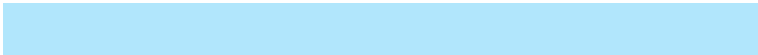
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



73.1046, 0.2890, 0.3479



73.1046, 0.2729, 0.3254



73.1046, 0.2672, 0.3050

Triad

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



73.1046, 0.2729, 0.3254



73.1046, 0.3122, 0.2961



73.1046, 0.3535, 0.3657

Complementary

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



73.1046, 0.2729, 0.3254



51.5291, 0.3705, 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.



73.1046, 0.3605, 0.3503



73.1046, 0.2729, 0.3254



73.1046, 0.3362, 0.3109

Square

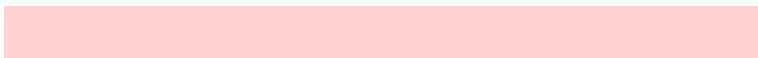
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



73.1046, 0.2729, 0.3254



73.1046, 0.2892, 0.2892



73.1046, 0.3541, 0.3304



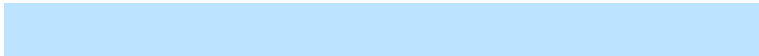
73.1046, 0.3354, 0.3717

Rectangle

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



73.1046, 0.2729, 0.3254



73.1046, 0.2698, 0.2954



73.1046, 0.3541, 0.3304



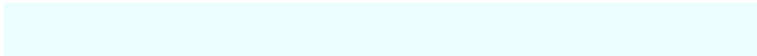
73.1046, 0.3572, 0.3614

Sweetspot

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



73.1075, 0.2729, 0.3254



95.7184, 0.3003, 0.3280



71.8465, 0.3078, 0.4043



20.3250, 0.2980, 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.



73.1075, 0.2729, 0.3254



85.2255, 0.2663, 0.3247



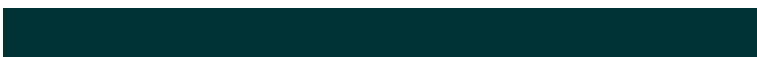
57.0459, 0.2692, 0.2883



16.9922, 0.2981, 0.3278



33.0200, 0.2206, 0.3142



2.6307, 0.2212, 0.3163

Inverse Universe

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



53.2610, 0.3183, 0.2646



58.2740, 0.3194, 0.2526



65.0511, 0.3616, 0.3665



15.3007, 0.3145, 0.3069



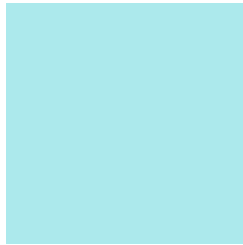
12.8262, 0.3331, 0.1609



1.0110, 0.3313, 0.1599

Previews

White Background



This preview shows how the Yxy color 73.1046, 0.2729, 0.3254 looks on a white background.

Color Contrast Check

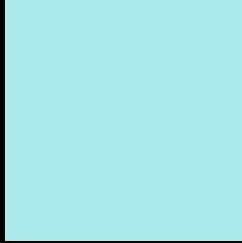
Large Text (above 18pt) WCAG AA × Fail

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 73.1046, 0.2729, 0.3254 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

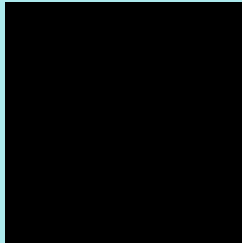
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 73.1046, 0.2729, 0.3254

Background



This preview shows how black text looks on a background with the Yxy color 73.1046, 0.2729, 0.3254.

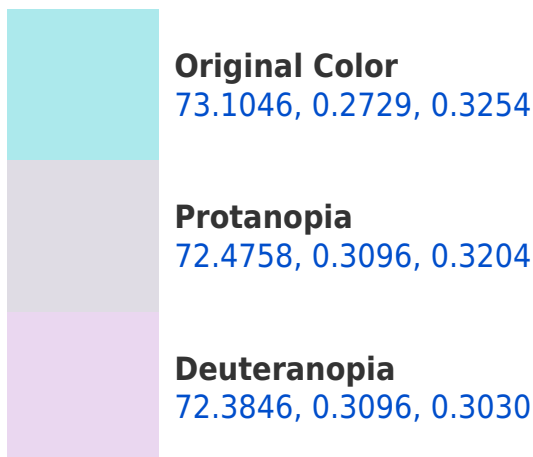


This preview shows how white text looks on a background with the Yxy color 73.1046, 0.2729, 0.3254.

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

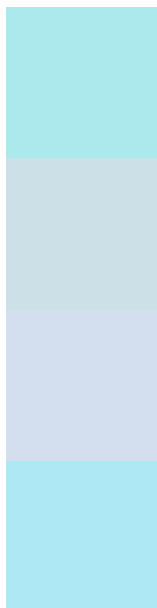




Tritanopia

73.1053, 0.2675, 0.3087

Trichromacy



Original Color

73.1046, 0.2729, 0.3254

Protanomaly

72.4573, 0.2947, 0.3223

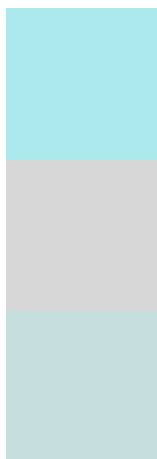
Deuteranomaly

72.3234, 0.2944, 0.3105

Tritanomaly

73.2435, 0.2696, 0.3153

Monochromacy



Original Color

73.1046, 0.2729, 0.3254

Achromatopsia

67.9542, 0.3127, 0.3290

Achromatomaly

69.7124, 0.2962, 0.3278

CSS Examples

Text

The CSS property to change the color of the text to Yxy 73.1046, 0.2729, 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(172, 233, 236)` looks like.

```
.text, #text, p{  
    color:rgb(172, 233, 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(172, 233, 236) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(172, 233, 236) }
```

Border

The CSS property to change the border of an element to Yxy 73.1046, 0.2729, 0.3254 is called "border". The border property can be set on classes, ids or directly on the HTML element.

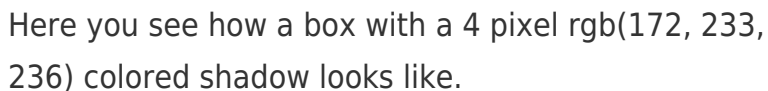
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(172, 233, 236) }
```

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

```
.border{ border-color:rgb(172, 233, 236) }
```

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



Here you see how a box with a 4 pixel `rgb(172, 233, 236)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(172, 233, 236); -webkit-box-shadow:4px 4px 4px 4px rgb(172, 233, 236); box-shadow:4px 4px 4px 4px rgb(172, 233, 236) }
```


Background

The CSS property to change the background color of an element to Yxy 73.1046, 0.2729, 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(172, 233, 236) }
```

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

```
.background{ background-color: rgb(172,  
233, 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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