

Converting Colors

$Y_{xy}(73.1792, 0.2753, 0.3277)$

Have a look what the booklet for
Yxy(73.1792, 0.2753, 0.3277)
contains.

Yxy(73.2170, 0.2751, 0.3277)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(73.2170, 0.2751, 0.3277)

Conversions

Conversions Part 1

Format	Color
Hex	AEE9EA
RGB	174, 233, 234
RGB Percent	68%, 91%, 92%
CMY	0.3172, 0.0863, 0.0823
CMYK	0.26, 0.00, 0.00, 0.08
HSL	181°, 59%, 80%
HSV	181°, 26%, 92%
XYZ	61.4647, 73.2170, 88.7452
YIQ	215.4730, -35.4850, -12.1970

Conversions

Conversions Part 2

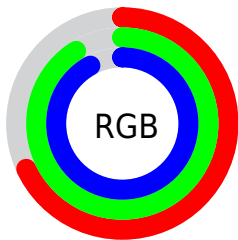
Format	Color
RYB	174, 204, 234
Decimal	11463146
CIELab	88.55, -18.27, -6.56
CIELCh	89, 19.413, 199.750
Yxy	73.2170, 0.2751, 0.3277
Android (android.graphics.Color)	4289653226 (0xFFAEE9EA)
YUV	215.4730, 9.1338, -36.3718
Hunter-Lab	85.5669, -21.5214, -1.5954

Details

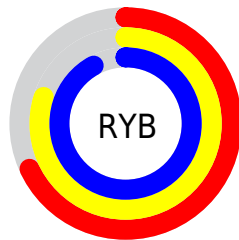
The Yxy color **73.2170, 0.2751, 0.3277** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **51.2705, 0.3669, 0.3303**, and the grayscale version is **68.2632, 0.3127, 0.3290**.

A 20% lighter version of the original color is **95.7289, 0.2982, 0.3290**, and **38.6517, 0.2668, 0.3273** is the 20% darker color. If you saturate the color by 10%, you get **70.5318, 0.2624, 0.3271**, and if you desaturate by 10%, it is **76.3770, 0.2891, 0.3282**.

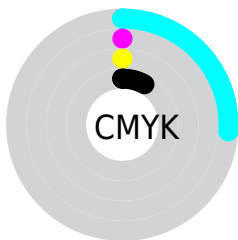
Distribution



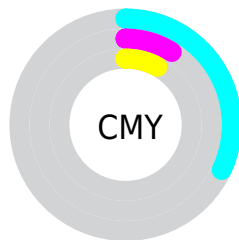
- Red (68%)
- Green (91%)
- Blue (92%)



- Red (68%)
- Yellow (80%)
- Blue (92%)



- Cyan (26%)
- Magenta (0%)
- Yellow (0%)
- Black (8%)





- Cyan (32%)
- Magenta (9%)
- Yellow (8%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 73.2170, 0.2751, 0.3277 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 73.2170, 0.2751, 0.3277 by changing the saturation by 10% instead.

 73.2170, 0.2751,
0.3277

 73.2170, 0.2751,
0.3277


471.7666, 0.2923,
0.3286

 54.1534, 0.2712,
0.3274


 123.7852, 0.2810,
0.3280

 38.7243, 0.2664,
0.3271

156.0587, 0.2833,
0.3282

 26.5453, 0.2604,
0.3266


193.5042, 0.2853,
0.3283

 17.2321, 0.2527,
0.3259

236.5061, 0.2871,
0.3283

 10.4001, 0.2422,
0.3248

285.4490, 0.2886,
0.3284

 5.6650, 0.2274,
0.3229

340.7170, 0.2900,

 2.6425, 0.2050,

0.3285

402.6948, 0.2912,
0.3285

0.3193

0.9481, 0.1516,
0.3168

0.0000, 0.0000,
0.0000

73.2170, 0.2751,
0.3277

73.2170, 0.2751,
0.3277

70.5318, 0.2624,
0.3271

76.3770, 0.2891,
0.3282

68.2881, 0.2513,
0.3266

80.0254, 0.3040,
0.3287


66.4626, 0.2420,
0.3260


84.1862, 0.3197,
0.3292

65.0259, 0.2346,
0.3254

86.3876, 0.3269,
0.3296


 63.9450, 0.2291,
0.3248


 86.6186, 0.3269,
0.3300


 63.1814, 0.2256,
0.3242


 86.8501, 0.3269,
0.3304

 62.6877, 0.2237,
0.3237

 87.0822, 0.3268,
0.3308

 62.5223, 0.2232,
0.3234

 87.3148, 0.3268,
0.3312

 87.5479, 0.3267,
0.3316

Harmonies

Analogous

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



73.2170, 0.2916, 0.3494



73.2170, 0.2751, 0.3277



73.2170, 0.2684, 0.3074

Triad

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



73.2170, 0.2751, 0.3277



73.2170, 0.3099, 0.2959



73.2170, 0.3536, 0.3636

Complementary

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



73.2170, 0.2751, 0.3277



51.2705, 0.3669, 0.3303

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.



73.2170, 0.3591, 0.3480



73.2170, 0.2751, 0.3277



73.2170, 0.3334, 0.3097

Square

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



73.2170, 0.2751, 0.3277



73.2170, 0.2879, 0.2901



73.2170, 0.3517, 0.3284



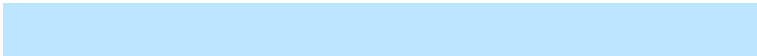
73.2170, 0.3369, 0.3704

Rectangle

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



73.2170, 0.2751, 0.3277



73.2170, 0.2703, 0.2974



73.2170, 0.3517, 0.3284



73.2170, 0.3568, 0.3591

Sweetspot

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



73.2200, 0.2751, 0.3277



96.1097, 0.3003, 0.3286



70.9649, 0.3087, 0.4008



20.4245, 0.2980, 0.3285



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.



73.2200, 0.2751, 0.3277



87.0970, 0.2679, 0.3274



57.6943, 0.2718, 0.2920



17.0746, 0.2981, 0.3285



35.1494, 0.2232, 0.3235



2.7744, 0.2234, 0.3243

Inverse Universe

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



53.6911, 0.3165, 0.2664



59.4235, 0.3174, 0.2529



64.2467, 0.3587, 0.3633



15.3090, 0.3141, 0.3062



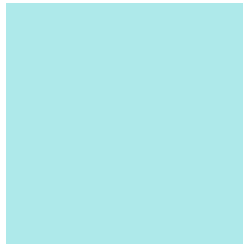
13.0412, 0.3253, 0.1565



1.0255, 0.3246, 0.1562

Previews

White Background



This preview shows how the Yxy color 73.2170, 0.2751, 0.3277 looks on a white background.

Color Contrast Check

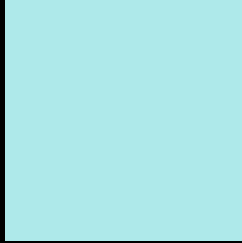
Large Text (above 18pt) WCAG AA × Fail

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 73.2170, 0.2751, 0.3277 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

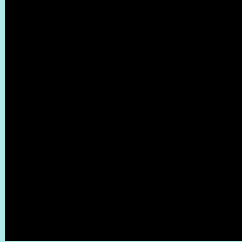
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 73.2170, 0.2751, 0.3277

Background



This preview shows how black text looks on a background with the Yxy color 73.2170, 0.2751, 0.3277.

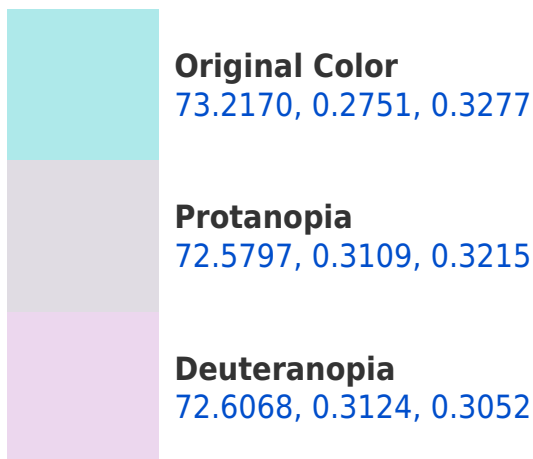


This preview shows how white text looks on a background with the Yxy color 73.2170, 0.2751, 0.3277.

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

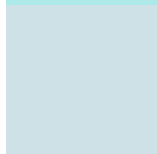
73.3385, 0.2686, 0.3087

Trichromacy



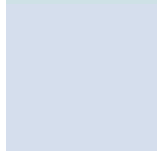
Original Color

73.2170, 0.2751, 0.3277



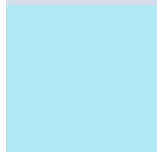
Protanomaly

72.6854, 0.2966, 0.3234



Deuteranomaly

72.5031, 0.2970, 0.3127



Tritanomaly

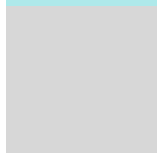
73.4750, 0.2708, 0.3153

Monochromacy



Original Color

73.2170, 0.2751, 0.3277



Achromatopsia

67.9542, 0.3127, 0.3290



Achromatomaly

69.7958, 0.2975, 0.3290

CSS Examples

Text

The CSS property to change the color of the text to Yxy 73.2170, 0.2751, 0.3277 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(174, 233, 234)` looks like.

```
.text, #text, p{  
    color:rgb(174, 233, 234)  
}
```

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(174, 233, 234) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(174, 233, 234) }
```

Border

The CSS property to change the border of an element to Yxy 73.2170, 0.2751, 0.3277 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(174, 233, 234) }
```

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

```
.border{ border-color:rgb(174, 233, 234) }
```

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

Here you see how a box with a 4 pixel `rgb(174, 233, 234)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(174, 233, 234); -webkit-box-  
shadow:4px 4px 4px 4px rgb(174, 233, 234);  
box-shadow:4px 4px 4px 4px rgb(174, 233,  
234) }
```


Background

The CSS property to change the background color of an element to Yxy 73.2170, 0.2751, 0.3277 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(174, 233, 234) }
```

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

```
.background{ background-color: rgb(174,  
233, 234) }
```

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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