

Converting Colors

$Yxy(73.4578, 0.2726, 0.3413)$

Have a look what the booklet for
Yxy(73.4578, 0.2726, 0.3413)
contains.

Yxy(73.6364, 0.2725, 0.3418)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(73.6364, 0.2725, 0.3418)

Conversions

Conversions Part 1

Format	Color
Hex	A1EDE2
RGB	161, 237, 226
RGB Percent	63%, 93%, 89%
CMY	0.3688, 0.0706, 0.1136
CMYK	0.32, 0.00, 0.05, 0.07
HSL	171°, 68%, 78%
HSV	171°, 32%, 93%
XYZ	58.7066, 73.6364, 83.0941
YIQ	213.0220, -41.7650, -19.5330

Conversions

Conversions Part 2

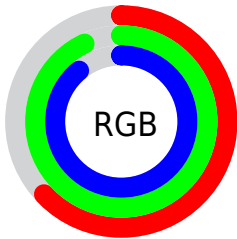
Format	Color
RYB	161, 202, 237
Decimal	10612194
CIELab	88.75, -25.70, -2.16
CIELCh	89, 25.787, 184.813
Yxy	73.6364, 0.2725, 0.3418
Android (android.graphics.Color)	4288802274 (0xFFA1EDE2)
YUV	213.0220, 6.3982, -45.6233
Hunter-Lab	85.8117, -28.0526, 2.6558

Details

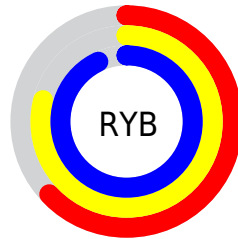
The Yxy color **73.6364, 0.2725, 0.3418** is a light color, and the websafe version is hex **99FFFF**. A complement of this color would be **46.4576, 0.3758, 0.3169**, and the grayscale version is **66.5295, 0.3127, 0.3290**.

A 20% lighter version of the original color is **93.6454, 0.2906, 0.3289**, and **39.0522, 0.2630, 0.3445** is the 20% darker color. If you saturate the color by 10%, you get **71.2208, 0.2622, 0.3464**, and if you desaturate by 10%, it is **76.5283, 0.2841, 0.3374**.

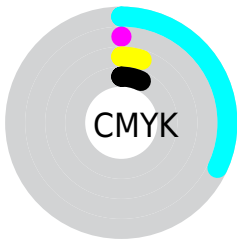
Distribution



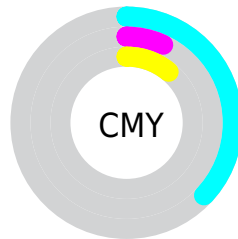
- Red (63%)
- Green (93%)
- Blue (89%)



- Red (63%)
- Yellow (79%)
- Blue (93%)



- Cyan (32%)
- Magenta (0%)
- Yellow (5%)
- Black (7%)




- Cyan (37%)
- Magenta (7%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 73.6364, 0.2725, 0.3418 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 73.6364, 0.2725, 0.3418 by changing the saturation by 10% instead.


 73.6364, 0.2725,
0.3418

 73.6364, 0.2725,
0.3418


473.2175, 0.2910,
0.3360

 54.4965, 0.2683,
0.3431


 124.3802, 0.2789,
0.3398

 38.9987, 0.2632,
0.3446


 156.7530, 0.2814,
0.3391

 26.7587, 0.2567,
0.3466


194.3054, 0.2835,
0.3384

 17.3921, 0.2483,
0.3491

237.4220, 0.2854,
0.3378

 10.5145, 0.2370,
0.3524

286.4871, 0.2870,
0.3373

 5.7414, 0.2209,
0.3569


341.8851, 0.2885,

 2.6885, 0.1964,


0.3368


0.3634


404.0005, 0.2898,
0.3364


 0.9713, 0.1178,
0.3898


 0.0000, 0.0000,
0.0000


 73.6364, 0.2725,
0.3418

 73.6364, 0.2725,
0.3418


 71.2208, 0.2622,
0.3464


 76.5283, 0.2841,
0.3374


 69.2461, 0.2536,
0.3513

 79.9120, 0.2966,
0.3334


 67.6863, 0.2467,
0.3563

 83.8131, 0.3099,
0.3297


 66.5086, 0.2417,
0.3615

 88.1080, 0.3231,
0.3264

 65.6757, 0.2387,
0.3666

 88.3129, 0.3209,
0.3231


 65.1422, 0.2376,
0.3717

 88.5217, 0.3188,
0.3198

 64.8762, 0.2377,
0.3758

 88.7343, 0.3166,
0.3165

 88.9508, 0.3145,
0.3132

 89.0537, 0.3135,
0.3117

Harmonies

Analogous

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



73.6364, 0.2988, 0.3686



73.6364, 0.2725, 0.3418



73.6364, 0.2571, 0.3125

Triad

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



73.6364, 0.2725, 0.3418



73.6364, 0.2936, 0.2805



73.6364, 0.3727, 0.3649

Complementary

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



73.6364, 0.2725, 0.3418



46.4576, 0.3758, 0.3169

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.



73.6364, 0.3717, 0.3408



73.6364, 0.2725, 0.3418



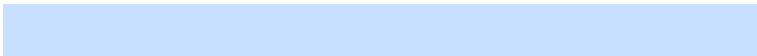
73.6364, 0.3247, 0.2937

Square

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



73.6364, 0.2725, 0.3418



73.6364, 0.2688, 0.2788



73.6364, 0.3537, 0.3152



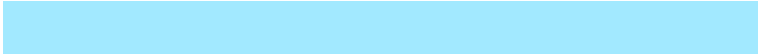
73.6364, 0.3570, 0.3811

Rectangle

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



73.6364, 0.2725, 0.3418



73.6364, 0.2547, 0.2962



73.6364, 0.3537, 0.3152



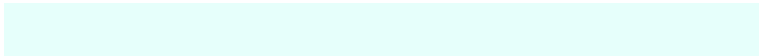
73.6364, 0.3744, 0.3574

Sweetspot

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



73.6394, 0.2725, 0.3418



95.2456, 0.2993, 0.3326



71.9576, 0.3156, 0.4220



20.2542, 0.2974, 0.3332



0.0000, 0.0000, 0.0000



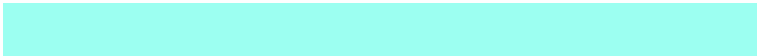
21.4041, 0.3127, 0.3290

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



73.6394, 0.2725, 0.3418



84.8730, 0.2651, 0.3451



59.9746, 0.2630, 0.2969



17.0823, 0.3000, 0.3324



35.4320, 0.2375, 0.3749



2.7925, 0.2355, 0.3678

Inverse Universe

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



46.4576, 0.3758, 0.3169



47.7847, 0.3964, 0.3141



56.3637, 0.3772, 0.3588



15.0895, 0.3270, 0.3256



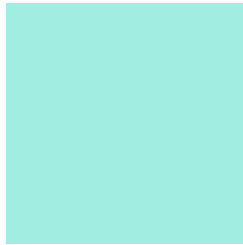
9.9050, 0.6203, 0.3191



0.7888, 0.5873, 0.3009

Previews

White Background



This preview shows how the Yxy color 73.6364, 0.2725, 0.3418 looks on a white background.

Color Contrast Check

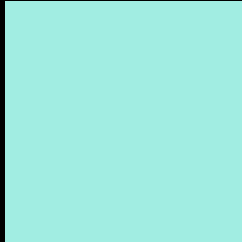
Large Text (above 18pt) WCAG AA × Fail

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 73.6364, 0.2725, 0.3418 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

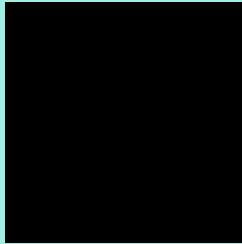
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

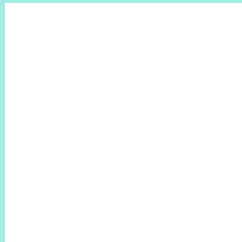
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 73.6364, 0.2725, 0.3418

Background



This preview shows how black text looks on a background with the Yxy color 73.6364, 0.2725, 0.3418.

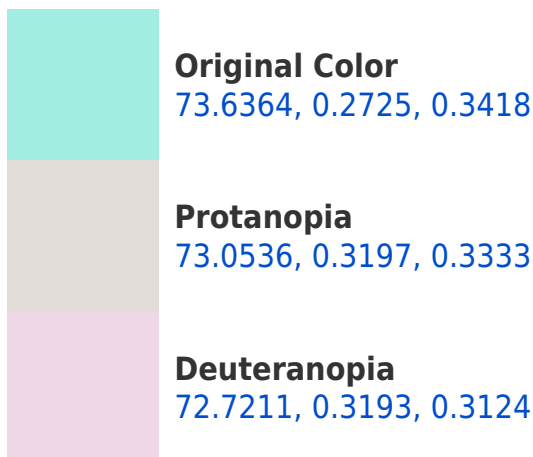


This preview shows how white text looks on a background with the Yxy color 73.6364, 0.2725, 0.3418.

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

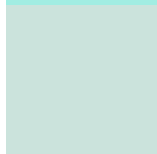
73.5216, 0.2620, 0.3074

Trichromacy



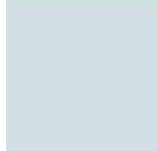
Original Color

73.6364, 0.2725, 0.3418



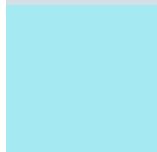
Protanomaly

72.8020, 0.3008, 0.3368



Deuteranomaly

72.2814, 0.3006, 0.3224



Tritanomaly

73.3160, 0.2655, 0.3185

Monochromacy



Original Color

73.6364, 0.2725, 0.3418



Achromatopsia

66.5387, 0.3127, 0.3290



Achromatomaly

68.7738, 0.2960, 0.3336

CSS Examples

Text

The CSS property to change the color of the text to Yxy 73.6364, 0.2725, 0.3418 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(161, 237, 226)` looks like.

```
.text, #text, p{  
    color:rgb(161, 237, 226)  
}
```

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(161, 237, 226) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(161, 237, 226) }
```

Border

The CSS property to change the border of an element to Yxy 73.6364, 0.2725, 0.3418 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(161, 237, 226) }
```

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

```
.border{ border-color:rgb(161, 237, 226) }
```

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

Here you see how a box with a 4 pixel `rgb(161, 237, 226)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(161, 237, 226); -webkit-box-shadow:4px 4px 4px 4px rgb(161, 237, 226); box-shadow:4px 4px 4px 4px rgb(161, 237, 226) }
```


Background

The CSS property to change the background color of an element to Yxy 73.6364, 0.2725, 0.3418 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(161, 237, 226) }
```

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

```
.background{ background-color: rgb(161,  
237, 226) }
```

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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