

Converting Colors

$Yxy(74.3975, 0.2716, 0.3347)$

Have a look what the booklet for
Yxy(74.3975, 0.2716, 0.3347)
contains.

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Color

Yxy(74.3939, 0.2716, 0.3347)

Conversions

Conversions Part 1

Format	Color
Hex	A5EDE8
RGB	165, 237, 232
RGB Percent	65%, 93%, 91%
CMY	0.3528, 0.0706, 0.0903
CMYK	0.30, 0.00, 0.02, 0.07
HSL	176°, 67%, 79%
HSV	176°, 30%, 93%
XYZ	60.3686, 74.3939, 87.5079
YIQ	214.9020, -41.3070, -16.8190

Conversions

Conversions Part 2

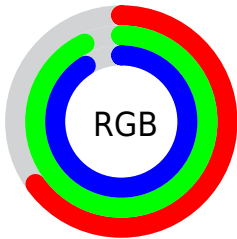
Format	Color
RYB	165, 202, 237
Decimal	10874344
CIELab	89.11, -23.26, -4.73
CIELCh	89, 23.734, 191.488
Yxy	74.3939, 0.2716, 0.3347
Android (android.graphics.Color)	4289064424 (0xFFA5EDE8)
YUV	214.9020, 8.4293, -43.7641
Hunter-Lab	86.2519, -26.0067, 0.2230

Details

The Yxy color **74.3939, 0.2716, 0.3347** is a light color, and the websafe version is hex **99FFFF**. A complement of this color would be **47.8296, 0.3764, 0.3235**, and the grayscale version is **67.8530, 0.3127, 0.3290**.

A 20% lighter version of the original color is **94.2696, 0.2929, 0.3289**, and **39.4973, 0.2624, 0.3365** is the 20% darker color. If you saturate the color by 10%, you get **71.9926, 0.2604, 0.3369**, and if you desaturate by 10%, it is **77.2730, 0.2842, 0.3327**.

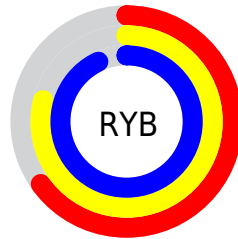
Distribution



Red (65%)

Green (93%)

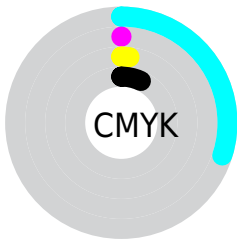
Blue (91%)



Red (65%)

Yellow (79%)

Blue (93%)

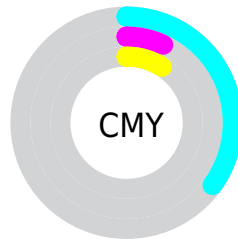


Cyan (30%)

Magenta (0%)

Yellow (2%)

Black (7%)



Cyan (35%)


Magenta (7%)


Yellow (9%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 74.3939, 0.2716, 0.3347 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 74.3939, 0.2716, 0.3347 by changing the saturation by 10% instead.

 74.3939, 0.2716,
0.3347

 74.3939, 0.2716,
0.3347

475.8317, 0.2904,
0.3323

 55.1165, 0.2674,
0.3352


 125.4540, 0.2781,
0.3339

 39.4950, 0.2622,
0.3358


 158.0055, 0.2806,
0.3336

 27.1450, 0.2557,
0.3364


195.7505, 0.2828,
0.3333

 17.6822, 0.2472,
0.3372

239.0734, 0.2847,
0.3331

 10.7220, 0.2359,
0.3381

288.3586, 0.2864,
0.3329

 5.8803, 0.2200,
0.3392

343.9904, 0.2878,

 2.7724, 0.1959,

0.3327

0.3401

406.3534, 0.2892,
0.3325

1.0141, 0.1342,
0.3483

0.0000, 0.0000,
0.0000

74.3939, 0.2716,
0.3347

74.3939, 0.2716,
0.3347

71.9926, 0.2604,
0.3369

77.2730, 0.2842,
0.3327

70.0340, 0.2508,
0.3391


80.6450, 0.2978,
0.3308


68.4926, 0.2431,
0.3414


84.5352, 0.3122,
0.3291

67.3364, 0.2373,
0.3438


88.0372, 0.3238,
0.3275


 66.5291, 0.2334,
0.3462


 88.1351, 0.3227,
0.3259


 66.0269, 0.2313,
0.3485

 88.2339, 0.3217,
0.3243

 65.7618, 0.2308,
0.3508

 88.3336, 0.3207,
0.3227

 88.4342, 0.3196,
0.3211

 88.5357, 0.3186,
0.3195

Harmonies

Analogous

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



74.3939, 0.2940, 0.3604



74.3939, 0.2716, 0.3347



74.3939, 0.2601, 0.3086

Triad

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



74.3939, 0.2716, 0.3347



74.3939, 0.3013, 0.2862



74.3939, 0.3658, 0.3663

Complementary

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



74.3939, 0.2716, 0.3347



47.8296, 0.3764, 0.3235

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.



74.3939, 0.3684, 0.3453



74.3939, 0.2716, 0.3347



74.3939, 0.3301, 0.3003

Square

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



74.3939, 0.2716, 0.3347



74.3939, 0.2766, 0.2821



74.3939, 0.3551, 0.3215



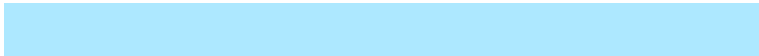
74.3939, 0.3486, 0.3785

Rectangle

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



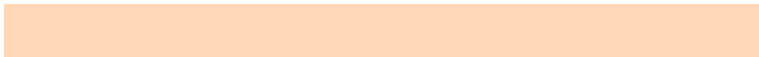
74.3939, 0.2716, 0.3347



74.3939, 0.2598, 0.2949



74.3939, 0.3551, 0.3215



74.3939, 0.3684, 0.3600

Sweetspot

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



74.3969, 0.2716, 0.3347



95.8015, 0.2997, 0.3305



71.9478, 0.3124, 0.4171



20.3704, 0.2976, 0.3308



0.0000, 0.0000, 0.0000



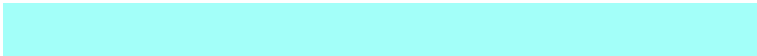
21.4041, 0.3127, 0.3290

Same Dimension

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



74.3969, 0.2716, 0.3347



86.1422, 0.2650, 0.3359



58.7489, 0.2649, 0.2930



17.1027, 0.2991, 0.3306



35.9112, 0.2307, 0.3504



2.8253, 0.2298, 0.3471

Inverse Universe

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



47.8296, 0.3764, 0.3235



50.4127, 0.3940, 0.3225



59.7605, 0.3713, 0.3624



15.0711, 0.3282, 0.3274



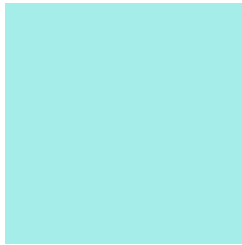
9.8579, 0.6325, 0.3258



0.7801, 0.6131, 0.3151

Previews

White Background



This preview shows how the Yxy color 74.3939, 0.2716, 0.3347 looks on a white background.

Color Contrast Check

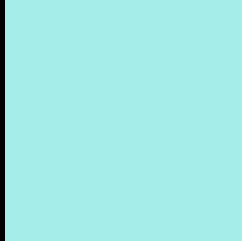
Large Text (above 18pt) WCAG AA × Fail

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 74.3939, 0.2716, 0.3347 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

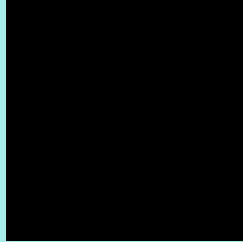
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 74.3939, 0.2716, 0.3347

Background



This preview shows how black text looks on a background with the Yxy color 74.3939, 0.2716, 0.3347.

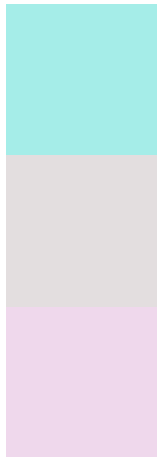


This preview shows how white text looks on a background with the Yxy color 74.3939, 0.2716, 0.3347.

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

74.3939, 0.2716, 0.3347

Protanopia

73.9012, 0.3156, 0.3279

Deuteranopia

73.5186, 0.3158, 0.3084



Tritanopia

74.4835, 0.2632, 0.3076

Trichromacy



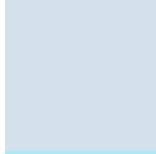
Original Color

74.3939, 0.2716, 0.3347



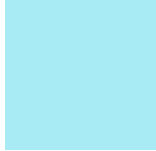
Protanomaly

73.2665, 0.2978, 0.3301



Deuteranomaly

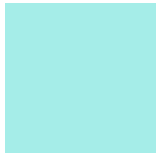
73.3065, 0.2976, 0.3170



Tritanomaly

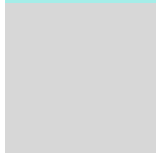
74.3341, 0.2663, 0.3175

Monochromacy



Original Color

74.3939, 0.2716, 0.3347



Achromatopsia

67.9542, 0.3127, 0.3290



Achromatomaly

69.8661, 0.2961, 0.3312

CSS Examples

Text

The CSS property to change the color of the text to Yxy 74.3939, 0.2716, 0.3347 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, 237, 232)` looks like.

```
.text, #text, p{  
    color:rgb(165, 237, 232)  
}
```

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, 237, 232) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(165, 237, 232) }
```

Border

The CSS property to change the border of an element to Yxy 74.3939, 0.2716, 0.3347 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, 237, 232) }
```

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

```
.border{ border-color:rgb(165, 237, 232) }
```

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

Here you see how a box with a 4 pixel rgb(165, 237, 232) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(165, 237, 232); -webkit-box-  
shadow:4px 4px 4px 4px rgb(165, 237, 232);  
box-shadow:4px 4px 4px 4px rgb(165, 237,  
232) }
```


Background

The CSS property to change the background color of an element to Yxy 74.3939, 0.2716, 0.3347 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(165, 237, 232) }
```

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

```
.background{ background-color: rgb(165,  
237, 232) }
```

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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