

Converting Colors

$Y_{xy}(72.8390, 0.2325, 0.3245)$

Have a look what the booklet for
Yxy(72.8390, 0.2325, 0.3245)
contains.

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Color

Yxy(73.0365, 0.2327, 0.3251)

Conversions

Conversions Part 1

Format	Color
Hex	4EF4F7
RGB	78, 244, 247
RGB Percent	31%, 96%, 97%
CMY	0.6943, 0.0431, 0.0313
CMYK	0.68, 0.01, 0.00, 0.03
HSL	181°, 91%, 64%
HSV	181°, 68%, 97%
XYZ	52.2780, 73.0365, 99.3440
YIQ	194.7080, -99.8990, -34.2590

Conversions

Conversions Part 2

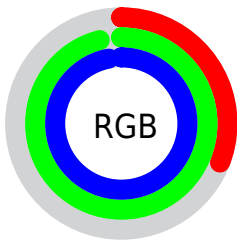
Format	Color
R _Y B	78, 162, 247
Decimal	5174519
CIE Lab	88.47, -40.61, -13.87
CIE LCh	88, 42.917, 198.853
Yxy	73.0365, 0.2327, 0.3251
Android (android.graphics.Color)	4283364599 (0xFF4EF4F7)
YUV	194.7080, 25.7800, -102.3529
Hunter-Lab	85.4614, -40.3662, -9.0983

Details

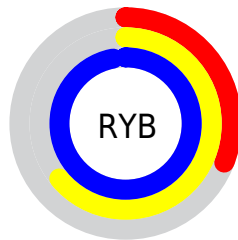
The Yxy color **73.0365, 0.2327, 0.3251** is a light color, and the websafe version is hex **66FFFF**. The color can be described as light washed cyan. A complement of this color would be **26.2021, 0.5410, 0.3322**, and the grayscale version is **54.2715, 0.3127, 0.3290**.

A 20% lighter version of the original color is **85.0359, 0.2553, 0.3288**, and **39.3022, 0.2229, 0.3224** is the 20% darker color. If you saturate the color by 10%, you get **71.9217, 0.2278, 0.3245**, and if you desaturate by 10%, it is **74.5488, 0.2395, 0.3257**.

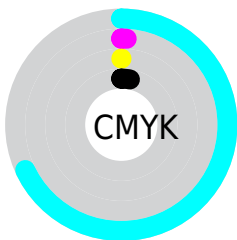
Distribution



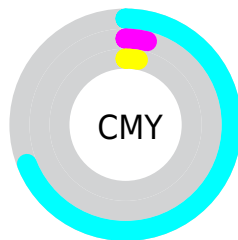
- Red (31%)
- Green (96%)
- Blue (97%)



- Red (31%)
- Yellow (64%)
- Blue (97%)



- Cyan (68%)
- Magenta (1%)
- Yellow (0%)
- Black (3%)




- Cyan (69%)
- Magenta (4%)
- Yellow (3%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 73.0365, 0.2327, 0.3251 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 73.0365, 0.2327, 0.3251 by changing the saturation by 10% instead.

 73.0365, 0.2327,
0.3251


 73.0365, 0.2327,
0.3251


471.1413, 0.2686,
0.3280


 54.0058, 0.2248,
0.3242


 123.5290, 0.2449,
0.3263


 38.6063, 0.2152,
0.3229


 155.7596, 0.2497,
0.3267

 26.4536, 0.2034,
0.3211


 193.1590, 0.2539,
0.3271

 17.1633, 0.1884,
0.3184

 236.1116, 0.2576,
0.3273

 10.3510, 0.1689,
0.3141

285.0017, 0.2608,
0.3276

 5.6323, 0.1428,
0.3069

340.2138, 0.2637,

 2.6228, 0.1070,

0.3277

0.2935

402.1322, 0.2663,
0.3279

■ 0.9381, 0.0000,
0.2813

■ 0.0000, 0.0000,
0.0000

■ 73.0365, 0.2327,
0.3251

■ 73.0365, 0.2327,
0.3251

■ 71.9217, 0.2278,
0.3245

■ 74.5488, 0.2395,
0.3257

■ 71.1498, 0.2248,
0.3239


■ 76.4897, 0.2483,
0.3263


■ 70.6576, 0.2233,
0.3233


■ 78.8966, 0.2590,
0.3269


■ 70.5921, 0.2231,
0.3233


■ 81.8003, 0.2712,
0.3275

 85.2294, 0.2849,
0.3281

 89.2100, 0.2996,
0.3286

 93.7666, 0.3152,
0.3291

 94.8136, 0.3178,
0.3295

 95.0829, 0.3178,
0.3299

Harmonies

Analogous

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



73.0365, 0.2668, 0.3769



73.0365, 0.2327, 0.3251



73.0365, 0.2193, 0.2802

Triad

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



73.0365, 0.2327, 0.3251



73.0365, 0.3035, 0.2594



73.0365, 0.4026, 0.4010

Complementary

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



73.0365, 0.2327, 0.3251



26.2021, 0.5410, 0.3322

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.



73.0365, 0.4160, 0.3647



73.0365, 0.2327, 0.3251



73.0365, 0.3562, 0.2866

Square

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



73.0365, 0.2327, 0.3251



73.0365, 0.2574, 0.2472



73.0365, 0.3989, 0.3239



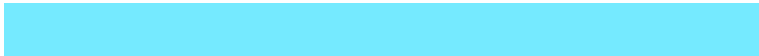
73.0365, 0.3649, 0.4217

Rectangle

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



73.0365, 0.2327, 0.3251



73.0365, 0.2226, 0.2602



73.0365, 0.3989, 0.3239



73.0365, 0.4102, 0.3900

Sweetspot

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



73.0392, 0.2327, 0.3251



90.6148, 0.2812, 0.3279



68.7351, 0.3015, 0.5472



19.1736, 0.2774, 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.



73.0392, 0.2327, 0.3251



76.9725, 0.2265, 0.3243



33.3570, 0.2046, 0.2104



18.7043, 0.2981, 0.3285



37.3545, 0.2232, 0.3233



3.2989, 0.2234, 0.3241

Inverse Universe

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



31.7489, 0.3228, 0.1785



30.1894, 0.3242, 0.1640



47.3419, 0.4666, 0.4149



16.7629, 0.3141, 0.3061



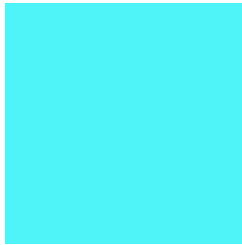
13.8703, 0.3254, 0.1566



1.2207, 0.3248, 0.1563

Previews

White Background



This preview shows how the Yxy color 73.0365, 0.2327, 0.3251 looks on a white background.

Color Contrast Check

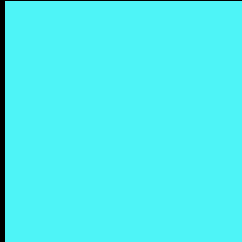
Large Text (above 18pt) WCAG AA × Fail

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 73.0365, 0.2327, 0.3251 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

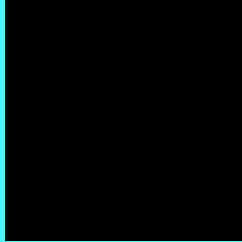
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 73.0365, 0.2327, 0.3251

Background



This preview shows how black text looks on a background with the Yxy color 73.0365, 0.2327, 0.3251.

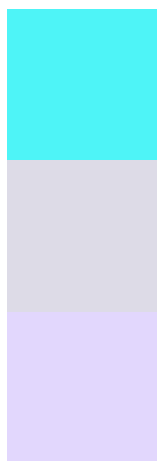


This preview shows how white text looks on a background with the Yxy color 73.0365, 0.2327, 0.3251.

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

73.0365, 0.2327, 0.3251

Protanopia

71.8047, 0.3063, 0.3161

Deuteranopia

71.8615, 0.2957, 0.2895



Tritanopia

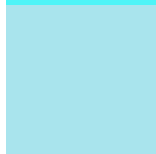
72.5066, 0.2413, 0.3088

Trichromacy



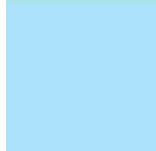
Original Color

73.0365, 0.2327, 0.3251



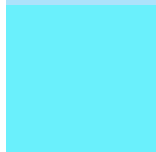
Protanomaly

70.0362, 0.2700, 0.3184



Deuteranomaly

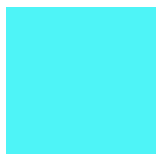
70.1284, 0.2641, 0.3006



Tritanomaly

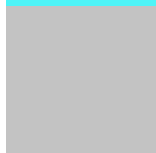
72.4126, 0.2374, 0.3145

Monochromacy



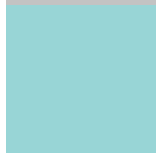
Original Color

73.0365, 0.2327, 0.3251



Achromatopsia

54.5724, 0.3127, 0.3290



Achromatomaly

59.1189, 0.2709, 0.3276

CSS Examples

Text

The CSS property to change the color of the text to Yxy 73.0365, 0.2327, 0.3251 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(78, 244, 247)` looks like.

```
.text, #text, p{  
    color:rgb(78, 244, 247)  
}
```

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(78, 244, 247) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(78, 244, 247) }
```

Border

The CSS property to change the border of an element to Yxy 73.0365, 0.2327, 0.3251 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(78, 244, 247) }
```

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

```
.border{ border-color:rgb(78, 244, 247) }
```

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

Here you see how a box with a 4 pixel `rgb(78, 244, 247)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(78, 244, 247); -webkit-box-  
shadow:4px 4px 4px 4px rgb(78, 244, 247);  
box-shadow:4px 4px 4px 4px rgb(78, 244,  
247) }
```


Background

The CSS property to change the background color of an element to Yxy 73.0365, 0.2327, 0.3251 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(78, 244, 247) }
```

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

```
.background{ background-color: rgb(78, 244,  
247) }
```

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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