

Converting Colors

$Y_{xy}(73.0341, 0.2274, 0.3289)$

Have a look what the booklet for
Yxy(73.0341, 0.2274, 0.3289)
contains.

Yxy(73.0368, 0.2273, 0.3287)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

Yxy(73.0368, 0.2273, 0.3287)

Conversions

Conversions Part 1

Format	Color
Hex	29F6F6
RGB	41, 246, 246
RGB Percent	16%, 96%, 96%
CMY	0.8396, 0.0353, 0.0351
CMYK	0.83, 0.00, 0.00, 0.04
HSL	180°, 92%, 56%
HSV	180°, 83%, 96%
XYZ	50.5058, 73.0368, 98.6563
YIQ	184.7050, -122.1800, -43.4600

Conversions

Conversions Part 2

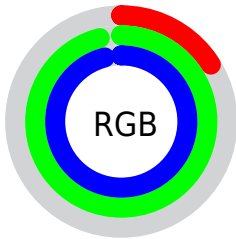
Format	Color
R _Y B	41, 144, 246
Decimal	2750198
CIE Lab	88.47, -45.30, -13.42
CIE LCh	88, 47.243, 196.501
Yxy	73.0368, 0.2273, 0.3287
Android (android.graphics.Color)	4280940278 (0xFF29F6F6)
YUV	184.7050, 30.2184, -126.0293
Hunter-Lab	85.4616, -44.0683, -8.6209

Details

The Yxy color **73.0368, 0.2273, 0.3287** is a light color, and the websafe version is hex **33FFFF**. The color can be described as light washed cyan. A complement of this color would be **21.3407, 0.6061, 0.3299**, and the grayscale version is **48.2081, 0.3127, 0.3290**.

A 20% lighter version of the original color is **83.3292, 0.2475, 0.3288**, and **40.1129, 0.2242, 0.3271** is the 20% darker color. If you saturate the color by 10%, you get **72.6803, 0.2253, 0.3287**, and if you desaturate by 10%, it is **73.7139, 0.2311, 0.3287**.

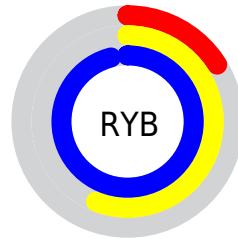
Distribution



Red (16%)

Green (96%)

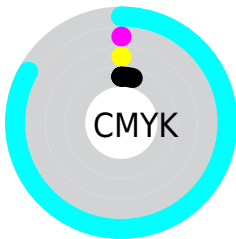
Blue (96%)



Red (16%)

Yellow (56%)

Blue (96%)

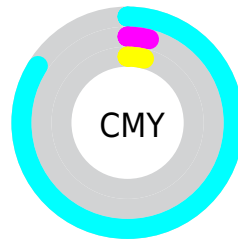


Cyan (83%)

Magenta (0%)

Yellow (0%)

Black (4%)



Cyan (84%)


Magenta (4%)


Yellow (4%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 73.0368, 0.2273, 0.3287 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 73.0368, 0.2273, 0.3287 by changing the saturation by 10% instead.


 73.0368, 0.2273,
0.3287


 73.0368, 0.2273,
0.3287

471.1423, 0.2656,
0.3301


 54.0061, 0.2189,
0.3281


 123.5295, 0.2403,
0.3294

 38.6065, 0.2087,
0.3272


 155.7601, 0.2454,
0.3296

 26.4537, 0.1962,
0.3258

 193.1596, 0.2499,
0.3298

 17.1634, 0.1804,
0.3236

 236.1122, 0.2538,
0.3299

 10.3511, 0.1599,
0.3200

285.0024, 0.2573,
0.3300

 5.6323, 0.1327,
0.3135

340.2146, 0.2603,

 2.6228, 0.0960,

0.3300

0.3008

402.1331, 0.2631,
0.3301

■ 0.9382, 0.0000,
0.2862

■ 0.0000, 0.0000,
0.0000

■ 73.0368, 0.2273,
0.3287

■ 73.0368, 0.2273,
0.3287

■ 72.6803, 0.2253,
0.3287

■ 73.7139, 0.2311,
0.3287

■ 72.5658, 0.2246,
0.3287


■ 74.7545, 0.2367,
0.3287

■ 76.2033, 0.2443,
0.3288


■ 78.0968, 0.2539,
0.3288

 80.4672, 0.2652,
0.3288

 83.3438, 0.2781,
0.3289

 86.7537, 0.2923,
0.3289

 90.7218, 0.3074,
0.3290

 93.8549, 0.3185,
0.3290

Harmonies

Analogous

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



73.0368, 0.2658, 0.3862



73.0368, 0.2273, 0.3287



73.0368, 0.2111, 0.2782

Triad

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



73.0368, 0.2273, 0.3287



73.0368, 0.2979, 0.2515



73.0368, 0.4134, 0.4045

Complementary

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



73.0368, 0.2273, 0.3287



21.3407, 0.6061, 0.3299

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.



73.0368, 0.4261, 0.3637



73.0368, 0.2273, 0.3287



73.0368, 0.3560, 0.2798

Square

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



73.0368, 0.2273, 0.3287



73.0368, 0.2488, 0.2397



73.0368, 0.4048, 0.3195



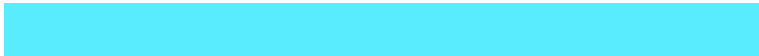
73.0368, 0.3734, 0.4302

Rectangle

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



73.0368, 0.2273, 0.3287



73.0368, 0.2136, 0.2554



73.0368, 0.4048, 0.3195



73.0368, 0.4212, 0.3919

Sweetspot

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



73.0395, 0.2273, 0.3287



89.8414, 0.2759, 0.3289



66.5653, 0.3007, 0.5840



18.9880, 0.2712, 0.3289



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.



73.0395, 0.2273, 0.3287



78.7103, 0.2246, 0.3287



26.9109, 0.1888, 0.1852



18.7573, 0.2981, 0.3290



38.7183, 0.2246, 0.3287



3.4031, 0.2246, 0.3287

Inverse Universe

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



27.8328, 0.3206, 0.1610



28.4770, 0.3210, 0.1542



39.5450, 0.5084, 0.4161



16.7683, 0.3138, 0.3057



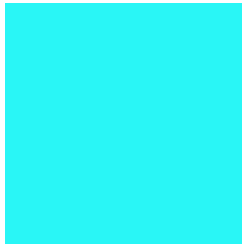
14.0080, 0.3210, 0.1542



1.2312, 0.3210, 0.1542

Previews

White Background



This preview shows how the Yxy color 73.0368, 0.2273, 0.3287 looks on a white background.

Color Contrast Check

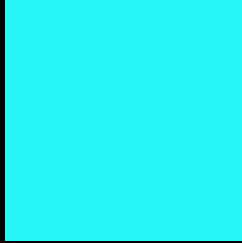
Large Text (above 18pt) WCAG AA × Fail

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 73.0368, 0.2273, 0.3287 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 73.0368, 0.2273, 0.3287

Background



This preview shows how black text looks on a background with the Yxy color 73.0368, 0.2273, 0.3287.

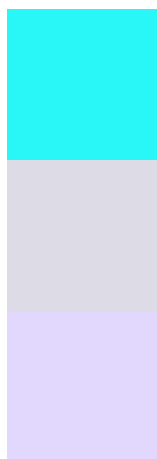


This preview shows how white text looks on a background with the Yxy color 73.0368, 0.2273, 0.3287.

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

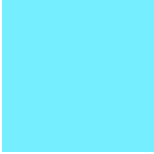
73.0368, 0.2273, 0.3287

Protanopia

71.6923, 0.3076, 0.3182

Deuteranopia

71.8615, 0.2957, 0.2895



Tritanopia

72.7349, 0.2397, 0.3099

Trichromacy



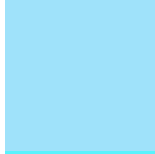
Original Color

73.0368, 0.2273, 0.3287



Protanomaly

69.1047, 0.2641, 0.3218



Deuteranomaly

68.6658, 0.2577, 0.3011



Tritanomaly

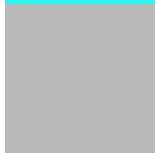
72.6564, 0.2330, 0.3167

Monochromacy



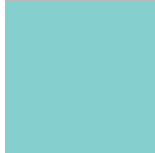
Original Color

73.0368, 0.2273, 0.3287



Achromatopsia

48.5150, 0.3127, 0.3290



Achromatomaly

54.1172, 0.2628, 0.3289

CSS Examples

Text

The CSS property to change the color of the text to Yxy 73.0368, 0.2273, 0.3287 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(41, 246, 246)` looks like.

```
.text, #text, p{  
    color:rgb(41, 246, 246)  
}
```

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(41, 246, 246) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(41, 246, 246) }
```

Border

The CSS property to change the border of an element to Yxy 73.0368, 0.2273, 0.3287 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(41, 246, 246) }
```

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

```
.border{ border-color:rgb(41, 246, 246) }
```

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

Here you see how a box with a 4 pixel `rgb(41, 246, 246)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(41, 246, 246); -webkit-box-  
shadow:4px 4px 4px 4px rgb(41, 246, 246);  
box-shadow:4px 4px 4px 4px rgb(41, 246,  
246) }
```


Background

The CSS property to change the background color of an element to Yxy 73.0368, 0.2273, 0.3287 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(41, 246, 246) }
```

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

```
.background{ background-color: rgb(41, 246,  
246) }
```

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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