

Converting Colors

$Y_{xy}(73.1762, 0.2710, 0.3715)$

Have a look what the booklet for
Yxy(73.1762, 0.2710, 0.3715)
contains.

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Color

Yxy(73.4125, 0.2712, 0.3721)

Conversions

Conversions Part 1

Format	Color
Hex	8AF2CF
RGB	138, 242, 207
RGB Percent	54%, 95%, 81%
CMY	0.4585, 0.0510, 0.1883
CMYK	0.43, 0.00, 0.14, 0.05
HSL	160°, 80%, 75%
HSV	160°, 43%, 95%
XYZ	53.5057, 73.4125, 70.3742
YIQ	206.9140, -50.7490, -32.9330

Conversions

Conversions Part 2

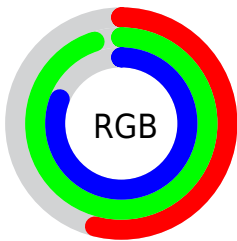
Format	Color
R_{YB}	138, 201, 242
Decimal	9106127
CIE _{Lab}	88.64, -38.20, 7.50
CIE _{LCh}	89, 38.933, 168.893
Yxy	73.4125, 0.2712, 0.3721
Android (android.graphics.Color)	4287296207 (0xFF8AF2CF)
YUV	206.9140, 0.0424, -60.4376
Hunter-Lab	85.6811, -38.4731, 11.2789

Details

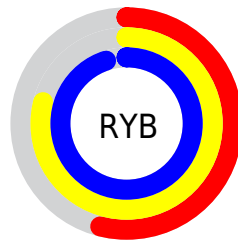
The Yxy color **73.4125, 0.2712, 0.3721** is a light color, and the websafe version is hex **99FFCC**. A complement of this color would be **40.1002, 0.3863, 0.2908**, and the grayscale version is **62.3772, 0.3127, 0.3290**.

A 20% lighter version of the original color is **90.4758, 0.2784, 0.3289**, and **38.7033, 0.2606, 0.3820** is the 20% darker color. If you saturate the color by 10%, you get **71.1860, 0.2643, 0.3843**, and if you desaturate by 10%, it is **76.1254, 0.2795, 0.3606**.

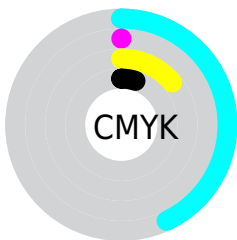
Distribution



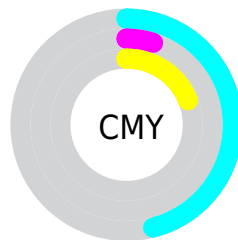
- Red (54%)
- Green (95%)
- Blue (81%)



- Red (54%)
- Yellow (79%)
- Blue (95%)



- Cyan (43%)
- Magenta (0%)
- Yellow (14%)
- Black (5%)





- Cyan (46%)
- Magenta (5%)
- Yellow (19%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 73.4125, 0.2712, 0.3721 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 73.4125, 0.2712, 0.3721 by changing the saturation by 10% instead.


 73.4125, 0.2712,
0.3721

 73.4125, 0.2712,
0.3721


472.4432, 0.2906,
0.3516

 54.3133, 0.2667,
0.3769

 124.0626, 0.2780,
0.3649

 38.8522, 0.2612,
0.3829


 156.3824, 0.2806,
0.3621

 26.6448, 0.2541,
0.3906


193.8778, 0.2828,
0.3597

 17.3066, 0.2448,
0.4009

236.9332, 0.2848,
0.3577

 10.4533, 0.2321,
0.4153

285.9331, 0.2865,
0.3559

 5.7006, 0.2137,
0.4367


341.2618, 0.2880,

 2.6639, 0.1848,


0.3543


0.4718


403.3037, 0.2894,
0.3529


 0.9589, 0.0000,
0.6494


 0.0000, 0.0000,
0.0000


 73.4125, 0.2712,
0.3721


 73.4125, 0.2712,
0.3721

 71.1860, 0.2643,
0.3843


 76.1254, 0.2795,
0.3606


 69.4059, 0.2591,
0.3970


 79.3441, 0.2888,
0.3500


 68.0401, 0.2559,
0.4100

 83.0978, 0.2989,
0.3402


 67.0482, 0.2547,
0.4231

 87.4106, 0.3095,
0.3314

 66.3814, 0.2555,
0.4361

 91.5217, 0.3177,
0.3235

 66.0543, 0.2570,
0.4451

 91.9798, 0.3133,
0.3165

Harmonies

Analogous

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



73.4125, 0.3152, 0.4057



73.4125, 0.2712, 0.3721



73.4125, 0.2398, 0.3258

Triad

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



73.4125, 0.2712, 0.3721



73.4125, 0.2625, 0.2542



73.4125, 0.4062, 0.3622

Complementary

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



73.4125, 0.2712, 0.3721



40.1002, 0.3863, 0.2908

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.



73.4125, 0.3907, 0.3248



73.4125, 0.2712, 0.3721



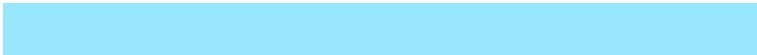
73.4125, 0.3046, 0.2653

Square

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



73.4125, 0.2712, 0.3721



73.4125, 0.2353, 0.2603



73.4125, 0.3523, 0.2904



73.4125, 0.3944, 0.3950

Rectangle

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



73.4125, 0.2712, 0.3721



73.4125, 0.2292, 0.2971



73.4125, 0.3523, 0.2904



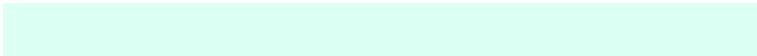
73.4125, 0.4041, 0.3498

Sweetspot

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



73.4155, 0.2712, 0.3721



93.5474, 0.2988, 0.3403



74.3887, 0.3289, 0.4539



19.8116, 0.2965, 0.3424



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.



73.4155, 0.2712, 0.3721



80.3564, 0.2648, 0.3833



66.4361, 0.2512, 0.3101



17.8332, 0.3026, 0.3371



35.5139, 0.2564, 0.4430



2.9729, 0.2517, 0.4261

Inverse Universe

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



40.1002, 0.3863, 0.2908



38.0701, 0.4112, 0.2834



43.7184, 0.4178, 0.3465



15.8467, 0.3240, 0.3211



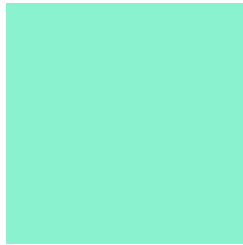
10.4872, 0.5626, 0.2873



0.8903, 0.5258, 0.2670

Previews

White Background



This preview shows how the Yxy color 73.4125, 0.2712, 0.3721 looks on a white background.

Color Contrast Check

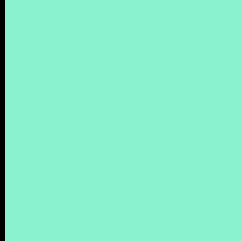
Large Text (above 18pt) WCAG AA × Fail

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 73.4125, 0.2712, 0.3721 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 73.4125, 0.2712, 0.3721

Background



This preview shows how black text looks on a background with the Yxy color 73.4125, 0.2712, 0.3721.

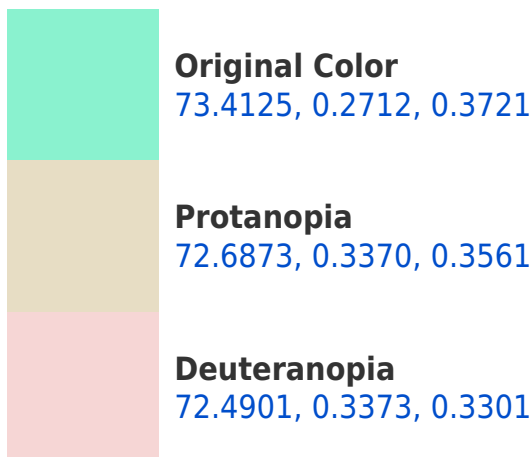


This preview shows how white text looks on a background with the Yxy color 73.4125, 0.2712, 0.3721.

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

73.0564, 0.2529, 0.3071

Trichromacy



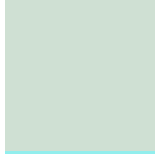
Original Color

73.4125, 0.2712, 0.3721



Protanomaly

72.0791, 0.3091, 0.3625



Deuteranomaly

71.2799, 0.3092, 0.3436



Tritanomaly

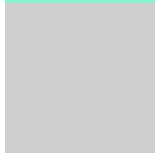
73.3745, 0.2596, 0.3300

Monochromacy



Original Color

73.4125, 0.2712, 0.3721



Achromatopsia

62.3960, 0.3127, 0.3290



Achromatomaly

65.6365, 0.2947, 0.3445

CSS Examples

Text

The CSS property to change the color of the text to Yxy 73.4125, 0.2712, 0.3721 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(138, 242, 207)` looks like.

```
.text, #text, p{  
    color:rgb(138, 242, 207)  
}
```

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(138, 242, 207) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(138, 242, 207) }
```

Border

The CSS property to change the border of an element to Yxy 73.4125, 0.2712, 0.3721 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(138, 242, 207) }
```

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

```
.border{ border-color:rgb(138, 242, 207) }
```

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

Here you see how a box with a 4 pixel rgb(138, 242, 207) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(138, 242, 207); -webkit-box-  
shadow:4px 4px 4px 4px rgb(138, 242, 207);  
box-shadow:4px 4px 4px 4px rgb(138, 242,  
207) }
```


Background

The CSS property to change the background color of an element to Yxy 73.4125, 0.2712, 0.3721 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(138, 242, 207) }
```

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

```
.background{ background-color: rgb(138,  
242, 207) }
```

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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