

Converting Colors

$Y_{xy}(73.6244, 0.2865, 0.3920)$

Have a look what the booklet for
Yxy(73.6244, 0.2865, 0.3920)
contains.

Yxy(73.8452, 0.2861, 0.3918)	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(73.8452, 0.2861, 0.3918)

Conversions

Conversions Part 1

Format	Color
Hex	97F2BF
RGB	151, 242, 191
RGB Percent	59%, 95%, 75%
CMY	0.4077, 0.0510, 0.2509
CMYK	0.38, 0.00, 0.21, 0.05
HSL	146°, 78%, 77%
HSV	146°, 38%, 95%
XYZ	53.9232, 73.8452, 60.7084
YIQ	208.9770, -37.8650, -35.1530

Conversions

Conversions Part 2

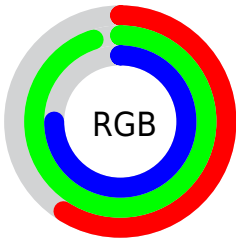
Format	Color
RYB	151, 214, 242
Decimal	9958079
CIELab	88.85, -38.02, 16.16
CIElCh	89, 41.310, 156.967
Yxy	73.8452, 0.2861, 0.3918
Android (android.graphics.Color)	4288148159 (0xFF97F2BF)
YUV	208.9770, -8.8627, -50.8458
Hunter-Lab	85.9332, -38.3742, 18.2673

Details

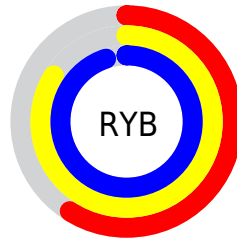
The Yxy color **73.8452, 0.2861, 0.3918** is a light color, and the websafe version is hex **99FFCC**. A complement of this color would be **45.2844, 0.3532, 0.2741**, and the grayscale version is **63.8281, 0.3127, 0.3290**.

A 20% lighter version of the original color is **91.6453, 0.2891, 0.3372**, and **38.9909, 0.2796, 0.4084** is the 20% darker color. If you saturate the color by 10%, you get **71.1952, 0.2806, 0.4123**, and if you desaturate by 10%, it is **77.0318, 0.2925, 0.3728**.

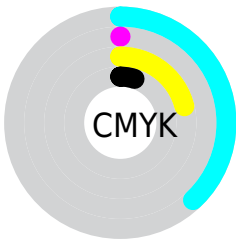
Distribution



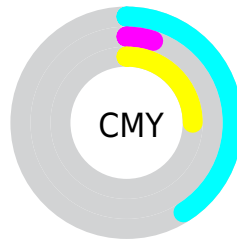
- Red (59%)
- Green (95%)
- Blue (75%)



- Red (59%)
- Yellow (84%)
- Blue (95%)



- Cyan (38%)
- Magenta (0%)
- Yellow (21%)
- Black (5%)





- Cyan (41%)
- Magenta (5%)
- Yellow (25%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 73.8452, 0.2861, 0.3918 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 73.8452, 0.2861, 0.3918 by changing the saturation by 10% instead.


 73.8452, 0.2861,
0.3918

 73.8452, 0.2861,
0.3918


473.9389, 0.2990,
0.3615

 54.6673, 0.2830,
0.3990


 124.6763, 0.2907,
0.3810

 39.1355, 0.2791,
0.4081


 157.0984, 0.2925,
0.3769

 26.8651, 0.2740,
0.4199


194.7040, 0.2940,
0.3734

 17.4719, 0.2672,
0.4358

237.8776, 0.2952,
0.3704

 10.5715, 0.2574,
0.4582

287.0035, 0.2964,
0.3677

 5.7795, 0.2426,
0.4922


342.4660, 0.2974,

 2.7115, 0.2174,

0.3654

0.5490


404.6497, 0.2982,
0.3633


 0.9830, 0.0031,
0.9969


 0.0000, 0.0000,
0.0000


 73.8452, 0.2861,
0.3918

 73.8452, 0.2861,
0.3918


 71.1952, 0.2806,
0.4123


 77.0318, 0.2925,
0.3728


 69.0419, 0.2765,
0.4339

 80.7741, 0.2996,
0.3554

 67.3544, 0.2740,
0.4561

 85.1013, 0.3070,
0.3397

 66.0939, 0.2734,
0.4782

 90.0379, 0.3145,
0.3258

■ 65.2155, 0.2747,
0.4994

■ 91.9841, 0.3133,
0.3165

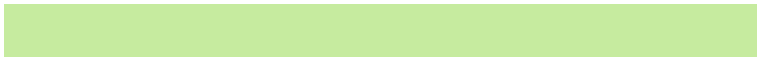
■ 64.6595, 0.2779,
0.5190

■ 64.5523, 0.2788,
0.5235

Harmonies

Analogous

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



73.8452, 0.3347, 0.4172



73.8452, 0.2861, 0.3918



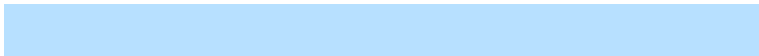
73.8452, 0.2467, 0.3453

Triad

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



73.8452, 0.2861, 0.3918



73.8452, 0.2460, 0.2504



73.8452, 0.4087, 0.3481

Complementary

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



73.8452, 0.2861, 0.3918



45.2844, 0.3532, 0.2741

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.



73.8452, 0.3814, 0.3092



73.8452, 0.2861, 0.3918



73.8452, 0.2849, 0.2553

Square

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



73.8452, 0.2861, 0.3918



73.8452, 0.2253, 0.2644



73.8452, 0.3347, 0.2763



73.8452, 0.4074, 0.3857

Rectangle

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



73.8452, 0.2861, 0.3918



73.8452, 0.2302, 0.3125



73.8452, 0.3347, 0.2763



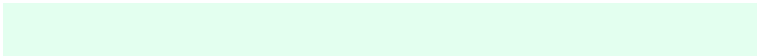
73.8452, 0.4026, 0.3349

Sweetspot

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



73.8482, 0.2861, 0.3918



94.0913, 0.3044, 0.3449



78.3768, 0.3410, 0.4321



19.9959, 0.3034, 0.3470



0.0000, 0.0000, 0.0000



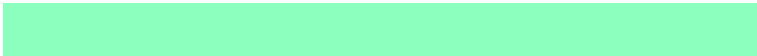
21.4041, 0.3127, 0.3290

Same Dimension

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



73.8482, 0.2861, 0.3918



80.8650, 0.2819, 0.4071



76.1384, 0.2632, 0.3359



17.7718, 0.3056, 0.3425



34.7046, 0.2779, 0.5204



2.9068, 0.2708, 0.4947

Inverse Universe

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



45.2844, 0.3532, 0.2741



44.4760, 0.3648, 0.2633



43.4569, 0.3992, 0.3225



15.9072, 0.3205, 0.3158



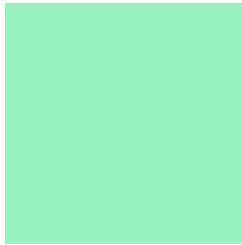
11.1183, 0.4703, 0.2365



0.9449, 0.4452, 0.2226

Previews

White Background



This preview shows how the Yxy color 73.8452, 0.2861, 0.3918 looks on a white background.

Color Contrast Check

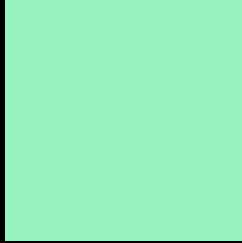
Large Text (above 18pt) WCAG AA × Fail

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 73.8452, 0.2861, 0.3918 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

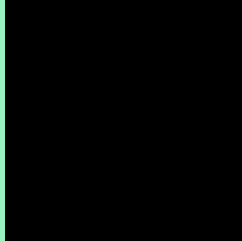
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 73.8452, 0.2861, 0.3918

Background



This preview shows how black text looks on a background with the Yxy color 73.8452, 0.2861, 0.3918.

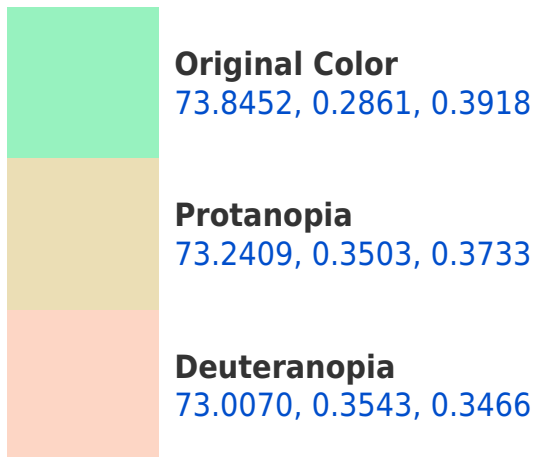


This preview shows how white text looks on a background with the Yxy color 73.8452, 0.2861, 0.3918.

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

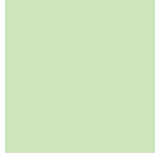
73.8732, 0.2611, 0.3085

Trichromacy



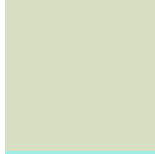
Original Color

73.8452, 0.2861, 0.3918



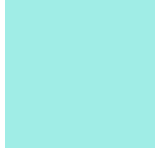
Protanomaly

72.3788, 0.3235, 0.3796



Deuteranomaly

71.8504, 0.3262, 0.3615



Tritanomaly

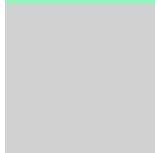
73.7551, 0.2699, 0.3371

Monochromacy



Original Color

73.8452, 0.2861, 0.3918



Achromatopsia

63.7597, 0.3127, 0.3290



Achromatomaly

66.6685, 0.3019, 0.3515

CSS Examples

Text

The CSS property to change the color of the text to Yxy 73.8452, 0.2861, 0.3918 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(151, 242, 191)` looks like.

```
.text, #text, p{  
    color:rgb(151, 242, 191)  
}
```

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(151, 242, 191) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(151, 242, 191) }
```

Border

The CSS property to change the border of an element to Yxy 73.8452, 0.2861, 0.3918 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(151, 242, 191) }
```

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

```
.border{ border-color:rgb(151, 242, 191) }
```

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

Here you see how a box with a 4 pixel `rgb(151, 242, 191)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(151, 242, 191); -webkit-box-  
shadow:4px 4px 4px 4px rgb(151, 242, 191);  
box-shadow:4px 4px 4px 4px rgb(151, 242,  
191) }
```


Background

The CSS property to change the background color of an element to Yxy 73.8452, 0.2861, 0.3918 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(151, 242, 191) }
```

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

```
.background{ background-color: rgb(151,  
242, 191) }
```

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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