

Converting Colors

$Y_{xy}(71.6297, 0.2824, 0.3950)$

Have a look what the booklet for
Yxy(71.6297, 0.2824, 0.3950)
contains.

Yxy(71.6137, 0.2822, 0.3945)	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(71.6137, 0.2822, 0.3945)

Conversions

Conversions Part 1

Format	Color
Hex	8DF0BC
RGB	141, 240, 188
RGB Percent	55%, 94%, 74%
CMY	0.4468, 0.0588, 0.2628
CMYK	0.41, 0.00, 0.22, 0.06
HSL	148°, 77%, 75%
HSV	148°, 41%, 94%
XYZ	51.2278, 71.6137, 58.6887
YIQ	204.4710, -42.3120, -37.1600

Conversions

Conversions Part 2

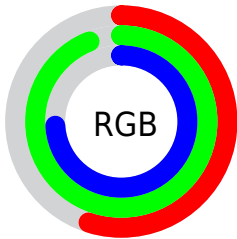
Format	Color
RYB	141, 208, 240
Decimal	9302204
CIELab	87.78, -40.43, 16.17
CIELCh	88, 43.546, 158.203
Yxy	71.6137, 0.2822, 0.3945
Android (android.graphics.Color)	4287492284 (0xFF8DF0BC)
YUV	204.4710, -8.1202, -55.6641
Hunter-Lab	84.6249, -40.0382, 18.1188

Details

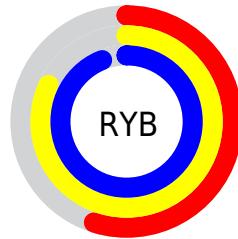
The Yxy color **71.6137, 0.2822, 0.3945** is a light color, and the websafe version is hex **99FFCC**. A complement of this color would be **41.4472, 0.3622, 0.2724**, and the grayscale version is **60.7793, 0.3127, 0.3290**.

A 20% lighter version of the original color is **90.0574, 0.2851, 0.3406**, and **37.5475, 0.2740, 0.4106** is the 20% darker color. If you saturate the color by 10%, you get **69.2141, 0.2769, 0.4141**, and if you desaturate by 10%, it is **74.5226, 0.2887, 0.3762**.

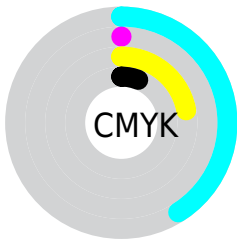
Distribution



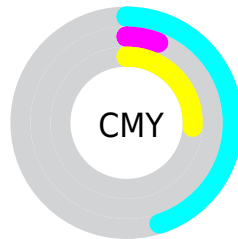
- Red (55%)
- Green (94%)
- Blue (74%)



- Red (55%)
- Yellow (82%)
- Blue (94%)



- Cyan (41%)
- Magenta (0%)
- Yellow (22%)
- Black (6%)





- Cyan (45%)
- Magenta (6%)
- Yellow (26%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 71.6137, 0.2822, 0.3945 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 71.6137, 0.2822, 0.3945 by changing the saturation by 10% instead.

 71.6137, 0.2822,
0.3945


 71.6137, 0.2822,
0.3945

466.1959, 0.2970,
0.3627

 52.8432, 0.2786,
0.4022

 121.5072, 0.2875,
0.3831

 37.6776, 0.2741,
0.4118

 153.3989, 0.2895,
0.3788

 25.7326, 0.2683,
0.4244


190.4331, 0.2912,
0.3751

 16.6237, 0.2603,
0.4414

232.9943, 0.2927,
0.3720

 9.9665, 0.2490,
0.4656

281.4667, 0.2940,
0.3692

 5.3768, 0.2318,
0.5027


336.2349, 0.2951,

 2.4700, 0.2025,


0.3668


0.5654


397.6832, 0.2961,
0.3646

 0.8616, 0.0000,
1.0000


 0.0000, 0.0000,
0.0000


 71.6137, 0.2822,
0.3945


 71.6137, 0.2822,
0.3945


 69.2141, 0.2769,
0.4141


 74.5226, 0.2887,
0.3762

 67.2840, 0.2730,
0.4345

 77.9603, 0.2960,
0.3594


 65.7919, 0.2709,
0.4554

 81.9558, 0.3037,
0.3442

 64.6984, 0.2708,
0.4761

 86.5334, 0.3117,
0.3306

 63.9562, 0.2726,
0.4959

 90.5478, 0.3158,
0.3183

 63.5289, 0.2756,
0.5122

 90.7982, 0.3134,
0.3146

Harmonies

Analogous

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



71.6137, 0.3336, 0.4228



71.6137, 0.2822, 0.3945



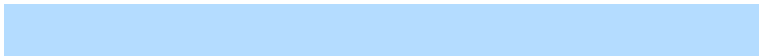
71.6137, 0.2412, 0.3439

Triad

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



71.6137, 0.2822, 0.3945



71.6137, 0.2433, 0.2456



71.6137, 0.4156, 0.3505

Complementary

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



71.6137, 0.2822, 0.3945



41.4472, 0.3622, 0.2724

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.



71.6137, 0.3876, 0.3094



71.6137, 0.2822, 0.3945



71.6137, 0.2851, 0.2517

Square

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



71.6137, 0.2822, 0.3945



71.6137, 0.2206, 0.2592



71.6137, 0.3382, 0.2744



71.6137, 0.4126, 0.3903

Rectangle

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



71.6137, 0.2822, 0.3945



71.6137, 0.2245, 0.3091



71.6137, 0.3382, 0.2744



71.6137, 0.4095, 0.3365

Sweetspot

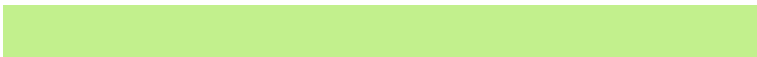
The Sweet Spot groups the original color and five complimentary colors.



71.6166, 0.2822, 0.3945



93.6581, 0.3031, 0.3454



75.6898, 0.3409, 0.4436



19.9116, 0.3020, 0.3473



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.



71.6166, 0.2822, 0.3945



79.9572, 0.2778, 0.4099



74.0834, 0.2578, 0.3327



17.7812, 0.3051, 0.3417



34.8043, 0.2748, 0.5092



2.9154, 0.2679, 0.4844

Inverse Universe

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



41.4472, 0.3622, 0.2724



41.2124, 0.3762, 0.2620



39.6182, 0.4153, 0.3256



15.8977, 0.3211, 0.3167



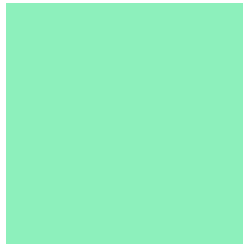
10.9953, 0.4849, 0.2445



0.9348, 0.4574, 0.2293

Previews

White Background



This preview shows how the Yxy color 71.6137, 0.2822, 0.3945 looks on a white background.

Color Contrast Check

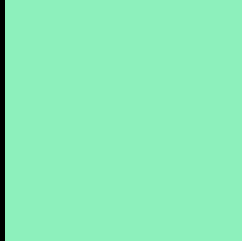
Large Text (above 18pt) WCAG AA × Fail

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 71.6137, 0.2822, 0.3945 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

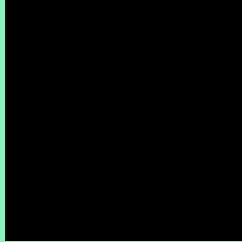
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 71.6137, 0.2822, 0.3945

Background



This preview shows how black text looks on a background with the Yxy color 71.6137, 0.2822, 0.3945.

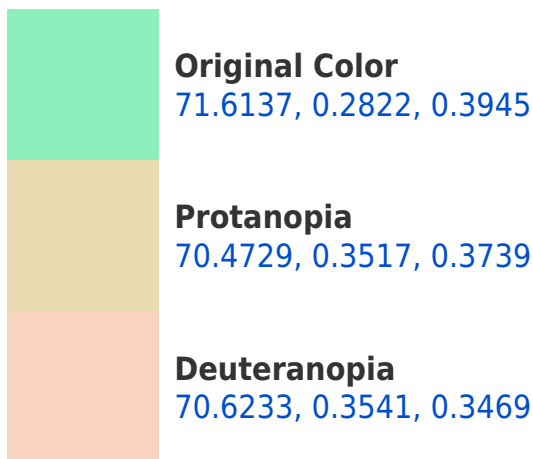


This preview shows how white text looks on a background with the Yxy color 71.6137, 0.2822, 0.3945.

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

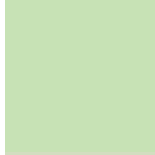
71.6833, 0.2572, 0.3081

Trichromacy



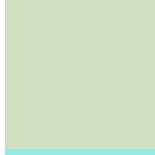
Original Color

71.6137, 0.2822, 0.3945



Protanomaly

69.8710, 0.3228, 0.3817



Deuteranomaly

69.7500, 0.3240, 0.3632



Tritanomaly

71.5420, 0.2665, 0.3384

Monochromacy



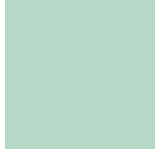
Original Color

71.6137, 0.2822, 0.3945



Achromatopsia

60.3827, 0.3127, 0.3290



Achromatomaly

63.5267, 0.2996, 0.3521

CSS Examples

Text

The CSS property to change the color of the text to Yxy 71.6137, 0.2822, 0.3945 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(141, 240, 188)` looks like.

```
.text, #text, p{  
    color:rgb(141, 240, 188)  
}
```

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(141, 240, 188) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(141, 240, 188) }
```

Border

The CSS property to change the border of an element to Yxy 71.6137, 0.2822, 0.3945 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(141, 240, 188) }
```

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

```
.border{ border-color:rgb(141, 240, 188) }
```

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

Here you see how a box with a 4 pixel `rgb(141, 240, 188)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(141, 240, 188); -webkit-box-  
shadow:4px 4px 4px 4px rgb(141, 240, 188);  
box-shadow:4px 4px 4px 4px rgb(141, 240,  
188) }
```


Background

The CSS property to change the background color of an element to Yxy 71.6137, 0.2822, 0.3945 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(141, 240, 188) }
```

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

```
.background{ background-color: rgb(141,  
240, 188) }
```

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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