

Converting Colors

$Yxy(72.2549, 0.2875, 0.3963)$

Have a look what the booklet for
Yxy(72.2549, 0.2875, 0.3963)
contains.

Yxy(72.2549, 0.2875, 0.3963)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(72.2549, 0.2875, 0.3963)

Conversions

Conversions Part 1

Format	Color
Hex	95F0BA
RGB	149, 240, 186
RGB Percent	58%, 94%, 73%
CMY	0.4157, 0.0588, 0.2705
CMYK	0.38, 0.00, 0.22, 0.06
HSL	144°, 75%, 76%
HSV	144°, 38%, 94%
XYZ	52.4181, 72.2549, 57.6508
YIQ	206.6350, -36.9020, -36.0860

Conversions

Conversions Part 2

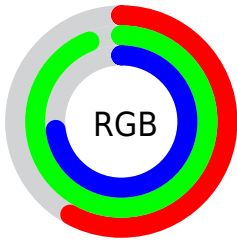
Format	Color
RYB	149, 214, 240
Decimal	9826490
CIELab	88.09, -38.64, 17.67
CIElCh	88, 42.485, 155.427
Yxy	72.2549, 0.2875, 0.3963
Android (android.graphics.Color)	4288016570 (0xFF95F0BA)
YUV	206.6350, -10.1731, -50.5459
Hunter-Lab	85.0029, -38.6808, 19.2903

Details

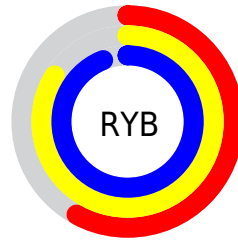
The Yxy color **72.2549, 0.2875, 0.3963** is a light color, and the websafe version is hex **99FFCC**. A complement of this color would be **44.3291, 0.3508, 0.2706**, and the grayscale version is **62.2357, 0.3127, 0.3290**.

A 20% lighter version of the original color is **91.0526, 0.2906, 0.3426**, and **37.9401, 0.2806, 0.4129** is the 20% darker color. If you saturate the color by 10%, you get **69.6527, 0.2824, 0.4181**, and if you desaturate by 10%, it is **75.3885, 0.2935, 0.3760**.

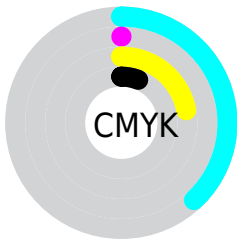
Distribution



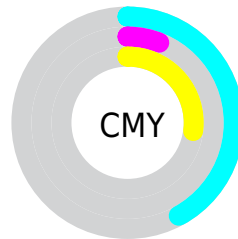
- Red (58%)
- Green (94%)
- Blue (73%)



- Red (58%)
- Yellow (84%)
- Blue (94%)



- Cyan (38%)
- Magenta (0%)
- Yellow (22%)
- Black (6%)





- Cyan (42%)
- Magenta (6%)
- Yellow (27%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 72.2549, 0.2875, 0.3963 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 72.2549, 0.2875, 0.3963 by changing the saturation by 10% instead.

 72.2549, 0.2875,
0.3963


 72.2549, 0.2875,
0.3963


468.4283, 0.2999,
0.3636

 53.3669, 0.2845,
0.4042

 122.4189, 0.2920,
0.3846

 38.0958, 0.2806,
0.4141


 154.4636, 0.2936,
0.3802

 26.0570, 0.2756,
0.4269


191.6628, 0.2951,
0.3764

 16.8663, 0.2688,
0.4444

234.4008, 0.2963,
0.3732

 10.1392, 0.2589,
0.4691

283.0619, 0.2974,
0.3703

 5.4914, 0.2436,
0.5068


338.0306, 0.2983,

 2.5383, 0.2171,


0.3678


0.5704


399.6913, 0.2992,
0.3656


 0.8958, 0.0000,
1.0000


 0.0000, 0.0000,
0.0000


 72.2549, 0.2875,
0.3963


 72.2549, 0.2875,
0.3963


 69.6527, 0.2824,
0.4181

 75.3885, 0.2935,
0.3760


 67.5423, 0.2786,
0.4411

 79.0726, 0.3002,
0.3575

 65.8931, 0.2763,
0.4645

 83.3360, 0.3071,
0.3409

 64.6667, 0.2760,
0.4876

 88.2032, 0.3142,
0.3261

■ 63.8182, 0.2775,
0.5096

■ 90.8028, 0.3134,
0.3146

■ 63.2871, 0.2808,
0.5296

■ 63.1981, 0.2815,
0.5335

Harmonies

Analogous

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



72.2549, 0.3379, 0.4211



72.2549, 0.2875, 0.3963



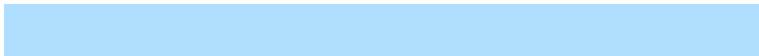
72.2549, 0.2461, 0.3485

Triad

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



72.2549, 0.2875, 0.3963



72.2549, 0.2422, 0.2481



72.2549, 0.4114, 0.3464

Complementary

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



72.2549, 0.2875, 0.3963



44.3291, 0.3508, 0.2706

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.



72.2549, 0.3817, 0.3065



72.2549, 0.2875, 0.3963



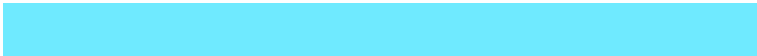
72.2549, 0.2815, 0.2523

Square

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



72.2549, 0.2875, 0.3963



72.2549, 0.2219, 0.2634



72.2549, 0.3326, 0.2732



72.2549, 0.4115, 0.3856

Rectangle

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



72.2549, 0.2875, 0.3963



72.2549, 0.2284, 0.3142



72.2549, 0.3326, 0.2732



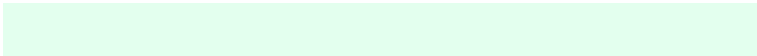
72.2549, 0.4046, 0.3328

Sweetspot

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



72.2579, 0.2875, 0.3963



94.0372, 0.3049, 0.3459



77.2734, 0.3433, 0.4323



19.9830, 0.3040, 0.3481



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.



72.2579, 0.2875, 0.3963



80.4186, 0.2832, 0.4142



74.4757, 0.2643, 0.3396



17.7630, 0.3060, 0.3433



34.6190, 0.2807, 0.5305



2.8992, 0.2734, 0.5043

Inverse Universe

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



44.3291, 0.3508, 0.2706



43.8693, 0.3625, 0.2582



42.4905, 0.3970, 0.3191



15.9162, 0.3200, 0.3151



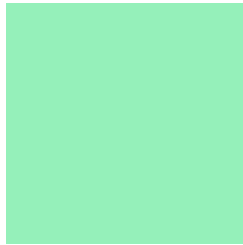
11.2429, 0.4568, 0.2290



0.9550, 0.4340, 0.2164

Previews

White Background



This preview shows how the Yxy color 72.2549, 0.2875, 0.3963 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 72.2549, 0.2875, 0.3963 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 72.2549, 0.2875, 0.3963

Background



This preview shows how black text looks on a background with the Yxy color 72.2549, 0.2875, 0.3963.

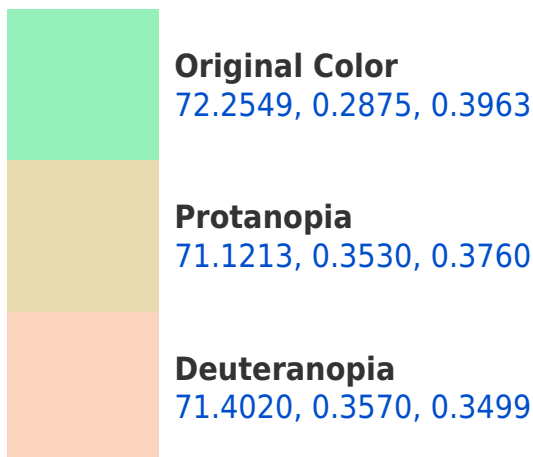


This preview shows how white text looks on a background with the Yxy color 72.2549, 0.2875, 0.3963.

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

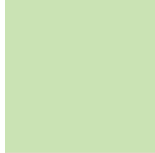
71.8405, 0.2605, 0.3072

Trichromacy



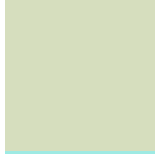
Original Color

72.2549, 0.2875, 0.3963



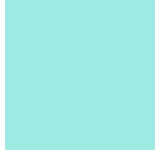
Protanomaly

70.7900, 0.3255, 0.3836



Deuteranomaly

70.2564, 0.3283, 0.3653



Tritanomaly

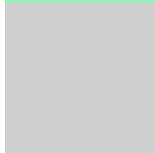
71.6608, 0.2700, 0.3372

Monochromacy



Original Color

72.2549, 0.2875, 0.3963



Achromatopsia

62.3960, 0.3127, 0.3290



Achromatomaly

65.2257, 0.3024, 0.3530

CSS Examples

Text

The CSS property to change the color of the text to Yxy 72.2549, 0.2875, 0.3963 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(149, 240, 186)` looks like.

```
.text, #text, p{  
    color:rgb(149, 240, 186)  
}
```

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(149, 240, 186) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(149, 240, 186) }
```

Border

The CSS property to change the border of an element to Yxy 72.2549, 0.2875, 0.3963 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(149, 240, 186) }
```

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

```
.border{ border-color:rgb(149, 240, 186) }
```

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

Here you see how a box with a 4 pixel `rgb(149, 240, 186)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(149, 240, 186); -webkit-box-shadow:4px 4px 4px 4px rgb(149, 240, 186); box-shadow:4px 4px 4px 4px rgb(149, 240, 186) }
```


Background

The CSS property to change the background color of an element to Yxy 72.2549, 0.2875, 0.3963 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(149, 240, 186) }
```

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

```
.background{ background-color: rgb(149,  
240, 186) }
```

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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