

Converting Colors

$Y_{xy}(75.2963, 0.2846, 0.3845)$

Have a look what the booklet for
Yxy(75.2963, 0.2846, 0.3845)
contains.

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Color

Yxy(75.1470, 0.2846, 0.3836)

Conversions

Conversions Part 1

Format	Color
Hex	9BF3C6
RGB	155, 243, 198
RGB Percent	61%, 95%, 78%
CMY	0.3924, 0.0470, 0.2235
CMYK	0.36, 0.00, 0.19, 0.05
HSL	149°, 79%, 78%
HSV	149°, 36%, 95%
XYZ	55.7530, 75.1470, 64.9994
YIQ	211.5580, -38.0030, -32.6510

Conversions

Conversions Part 2

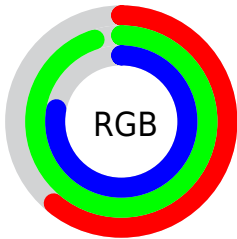
Format	Color
R_{YB}	155, 214, 243
Decimal	10220486
CIE _{Lab}	89.46, -36.03, 13.43
CIE _{LCh}	89, 38.449, 159.557
Yxy	75.1470, 0.2846, 0.3836
Android (android.graphics.Color)	4288410566 (0xFF9BF3C6)
YUV	211.5580, -6.6841, -49.6014
Hunter-Lab	86.6874, -36.9007, 16.2247

Details

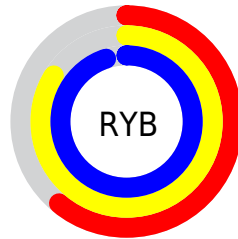
The Yxy color **75.1470, 0.2846, 0.3836** is a light color, and the websafe version is hex **99FFCC**. A complement of this color would be **46.6461, 0.3555, 0.2806**, and the grayscale version is **65.5869, 0.3127, 0.3290**.

A 20% lighter version of the original color is **92.7370, 0.2872, 0.3289**, and **39.8408, 0.2777, 0.3972** is the 20% darker color. If you saturate the color by 10%, you get **72.4342, 0.2785, 0.4020**, and if you desaturate by 10%, it is **78.3966, 0.2917, 0.3665**.

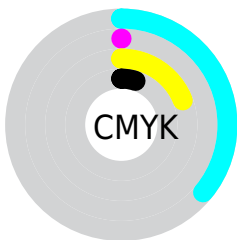
Distribution



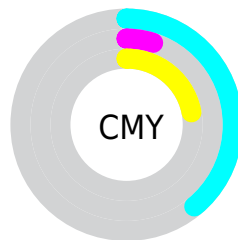
- Red (61%)
- Green (95%)
- Blue (78%)



- Red (61%)
- Yellow (84%)
- Blue (95%)



- Cyan (36%)
- Magenta (0%)
- Yellow (19%)
- Black (5%)




- Cyan (39%)
- Magenta (5%)
- Yellow (22%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 75.1470, 0.2846, 0.3836 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 75.1470, 0.2846, 0.3836 by changing the saturation by 10% instead.


 75.1470, 0.2846,
0.3836


 75.1470, 0.2846,
0.3836


478.4227, 0.2980,
0.3575

 55.7333, 0.2814,
0.3898


 126.5204, 0.2893,
0.3744

 39.9892, 0.2775,
0.3975


 159.2490, 0.2911,
0.3708

 27.5301, 0.2724,
0.4076


197.1846, 0.2927,
0.3678

 17.9717, 0.2656,
0.4210

240.7117, 0.2941,
0.3652

 10.9297, 0.2561,
0.4398

290.2146, 0.2952,
0.3629

 6.0196, 0.2419,
0.4681


346.0779, 0.2963,


 2.8570, 0.2185,


0.3609


408.6857, 0.2972,
0.3591


0.5150

 1.0575, 0.0844,
0.7689


 0.0000, 0.0000,
0.0000

 75.1470, 0.2846,
0.3836


 75.1470, 0.2846,
0.3836


 72.4342, 0.2785,
0.4020


 78.3966, 0.2917,
0.3665


 70.2188, 0.2737,
0.4215

 82.2018, 0.2994,
0.3510

 68.4702, 0.2706,
0.4416

 86.5913, 0.3076,
0.3370

 67.1506, 0.2694,
0.4619

 91.5894, 0.3158,
0.3245

■ 66.2161, 0.2702,
0.4818

■ 92.5899, 0.3133,
0.3175

■ 65.6119, 0.2729,
0.5006

■ 65.4383, 0.2743,
0.5073

Harmonies

Analogous

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



75.1470, 0.3295, 0.4093



75.1470, 0.2846, 0.3836



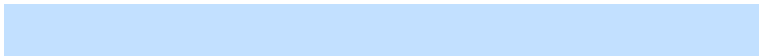
75.1470, 0.2490, 0.3402

Triad

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



75.1470, 0.2846, 0.3836



75.1470, 0.2533, 0.2556



75.1470, 0.4025, 0.3503

Complementary

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



75.1470, 0.2846, 0.3836



46.6461, 0.3555, 0.2806

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.



75.1470, 0.3793, 0.3138



75.1470, 0.2846, 0.3836



75.1470, 0.2908, 0.2614

Square

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



75.1470, 0.2846, 0.3836



75.1470, 0.2322, 0.2673



75.1470, 0.3372, 0.2822



75.1470, 0.3991, 0.3848

Rectangle

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



75.1470, 0.2846, 0.3836



75.1470, 0.2345, 0.3104



75.1470, 0.3372, 0.2822



75.1470, 0.3975, 0.3380

Sweetspot

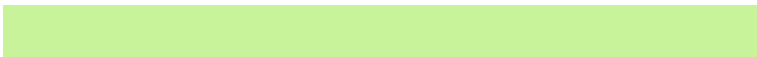
The Sweet Spot groups the original color and five complimentary colors.



75.1501, 0.2846, 0.3836



94.1738, 0.3036, 0.3435



78.8149, 0.3371, 0.4292



20.0155, 0.3025, 0.3454



0.0000, 0.0000, 0.0000



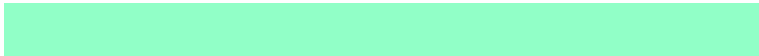
21.4041, 0.3127, 0.3290

Same Dimension

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



75.1501, 0.2846, 0.3836



81.6941, 0.2803, 0.3961



77.4558, 0.2625, 0.3305



18.6071, 0.3049, 0.3414



35.9371, 0.2735, 0.5045



3.1792, 0.2670, 0.4813

Inverse Universe

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



46.6461, 0.3555, 0.2806



45.8525, 0.3671, 0.2714



44.8930, 0.3993, 0.3276



16.6239, 0.3213, 0.3170



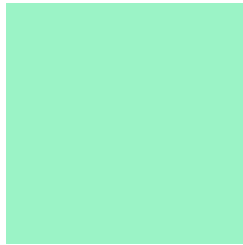
11.2861, 0.4914, 0.2481



1.0127, 0.4642, 0.2331

Previews

White Background



This preview shows how the Yxy color 75.1470, 0.2846, 0.3836 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 75.1470, 0.2846, 0.3836 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

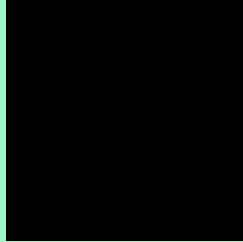
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 75.1470, 0.2846, 0.3836

Background



This preview shows how black text looks on a background with the Yxy color 75.1470, 0.2846, 0.3836.



This preview shows how white text looks on a background with the Yxy color 75.1470, 0.2846, 0.3836.

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

75.1470, 0.2846, 0.3836

Protanopia

74.2391, 0.3459, 0.3666

Deuteranopia

74.3540, 0.3488, 0.3414



Tritanopia

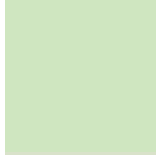
74.7879, 0.2613, 0.3075

Trichromacy



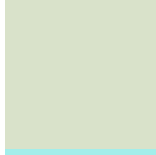
Original Color

75.1470, 0.2846, 0.3836



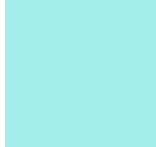
Protanomaly

73.6648, 0.3210, 0.3721



Deuteranomaly

73.4087, 0.3220, 0.3556



Tritanomaly

74.8761, 0.2696, 0.3335

Monochromacy



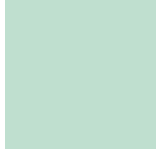
Original Color

75.1470, 0.2846, 0.3836



Achromatopsia

65.8375, 0.3127, 0.3290



Achromatomaly

68.3567, 0.3008, 0.3477

CSS Examples

Text

The CSS property to change the color of the text to Yxy 75.1470, 0.2846, 0.3836 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(155, 243, 198)` looks like.

```
.text, #text, p{  
    color:rgb(155, 243, 198)  
}
```

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(155, 243, 198) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(155, 243, 198) }
```

Border

The CSS property to change the border of an element to Yxy 75.1470, 0.2846, 0.3836 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(155, 243, 198) }
```

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

```
.border{ border-color:rgb(155, 243, 198) }
```

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

Here you see how a box with a 4 pixel `rgb(155, 243, 198)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(155, 243, 198); -webkit-box-  
shadow:4px 4px 4px 4px rgb(155, 243, 198);  
box-shadow:4px 4px 4px 4px rgb(155, 243,  
198) }
```


Background

The CSS property to change the background color of an element to Yxy 75.1470, 0.2846, 0.3836 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(155, 243, 198) }
```

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

```
.background{ background-color: rgb(155,  
243, 198) }
```

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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