

Converting Colors

$Yxy(75.6736, 0.3052, 0.4346)$

Have a look what the booklet for
Yxy(75.6736, 0.3052, 0.4346)
contains.

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Color

Yxy(75.5527, 0.3049, 0.4338)

Conversions

Conversions Part 1

Format	Color
Hex	9CF6A1
RGB	156, 246, 161
RGB Percent	61%, 96%, 63%
CMY	0.3882, 0.0353, 0.3686
CMYK	0.37, 0.00, 0.35, 0.04
HSL	123°, 83%, 79%
HSV	123°, 37%, 96%
XYZ	53.1029, 75.5527, 45.5093
YIQ	209.4000, -26.3550, -45.5150

Conversions

Conversions Part 2

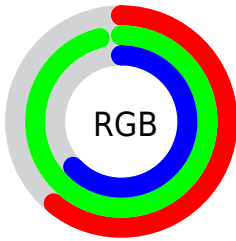
Format	Color
RYB	156, 241, 246
Decimal	10286753
CIELab	89.65, -43.58, 32.62
CIELCh	90, 54.440, 143.185
Yxy	75.5527, 0.3049, 0.4338
Android (android.graphics.Color)	4288476833 (0xFF9CF6A1)
YUV	209.4000, -23.8612, -46.8318
Hunter-Lab	86.9211, -43.0605, 29.8023

Details

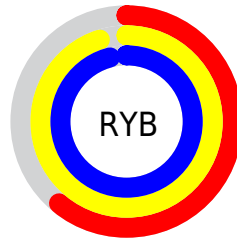
The Yxy color **75.5527, 0.3049, 0.4338** is a light color, and the websafe version is hex **99FF99**. A complement of this color would be **49.7278, 0.3211, 0.2427**, and the grayscale version is **64.2124, 0.3127, 0.3290**.

A 20% lighter version of the original color is **90.6240, 0.3089, 0.3704**, and **40.2086, 0.3004, 0.4607** is the 20% darker color. If you saturate the color by 10%, you get **72.5997, 0.3028, 0.4682**, and if you desaturate by 10%, it is **79.1613, 0.3071, 0.4012**.

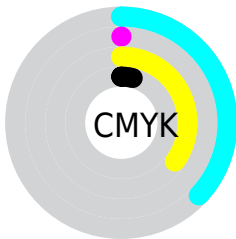
Distribution



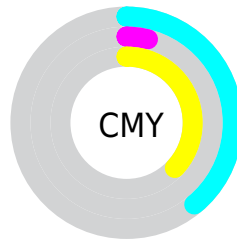
- Red (61%)
- Green (96%)
- Blue (63%)



- Red (61%)
- Yellow (95%)
- Blue (96%)



- Cyan (37%)
- Magenta (0%)
- Yellow (35%)
- Black (4%)





- Cyan (39%)
- Magenta (4%)
- Yellow (37%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 75.5527, 0.3049, 0.4338 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 75.5527, 0.3049, 0.4338 by changing the saturation by 10% instead.


 75.5527, 0.3049,
0.4338


 75.5527, 0.3049,
0.4338


479.8151, 0.3102,
0.3827

 56.0658, 0.3032,
0.4461

 127.0944, 0.3071,
0.4156

 40.2557, 0.3009,
0.4615


 159.9180, 0.3079,
0.4086

 27.7380, 0.2975,
0.4814


197.9560, 0.3085,
0.4027

 18.1282, 0.2924,
0.5081

241.5927, 0.3089,
0.3976

 11.0421, 0.2840,
0.5453

291.2126, 0.3093,
0.3932

 6.0951, 0.2690,
0.5999


347.2001, 0.3097,

 2.9030, 0.2533,


0.3892


0.7248

409.9394, 0.3100,
0.3858


 1.0813, 0.0000,
1.0000


 0.0000, 0.0000,
0.0000


 75.5527, 0.3049,
0.4338


 75.5527, 0.3049,
0.4338


 72.5997, 0.3028,
0.4682


 79.1613, 0.3071,
0.4012


 70.2542, 0.3010,
0.5027

 83.4514, 0.3093,
0.3713

 68.4766, 0.2997,
0.5350

 88.4591, 0.3114,
0.3447

 67.2187, 0.2989,
0.5624

 94.2151, 0.3134,
0.3214

■ 66.4241, 0.2988,
0.5828

■ 94.3921, 0.3131,
0.3204

■ 66.0229, 0.2992,
0.5950

■ 65.9429, 0.2993,
0.5975

Harmonies

Analogous

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



75.5527, 0.3675, 0.4469



75.5527, 0.3049, 0.4338



75.5527, 0.2476, 0.3806

Triad

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



75.5527, 0.3049, 0.4338



75.5527, 0.2125, 0.2334



75.5527, 0.4264, 0.3281

Complementary

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



75.5527, 0.3049, 0.4338



49.7278, 0.3211, 0.2427

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.



75.5527, 0.3760, 0.2825



75.5527, 0.3049, 0.4338



75.5527, 0.2510, 0.2301

Square

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



75.5527, 0.3049, 0.4338



75.5527, 0.1984, 0.2609



75.5527, 0.3099, 0.2478



75.5527, 0.4416, 0.3775

Rectangle

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



75.5527, 0.3049, 0.4338



75.5527, 0.2198, 0.3353



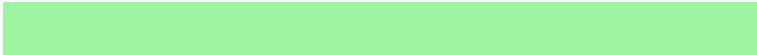
75.5527, 0.3099, 0.2478



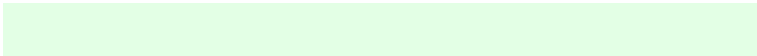
75.5527, 0.4128, 0.3122

Sweetspot

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



75.5559, 0.3049, 0.4338



93.4724, 0.3105, 0.3561



87.1024, 0.3646, 0.4212



19.8493, 0.3102, 0.3597



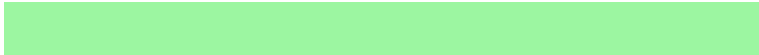
0.0000, 0.0000, 0.0000



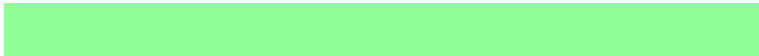
21.4041, 0.3127, 0.3290

Same Dimension

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



75.5559, 0.3049, 0.4338



79.5127, 0.3033, 0.4596



77.4145, 0.2815, 0.3774



18.4869, 0.3108, 0.3521



35.2037, 0.2990, 0.5965



3.0992, 0.2966, 0.5878

Inverse Universe

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



49.7278, 0.3211, 0.2427



47.6701, 0.3230, 0.2261



47.3855, 0.3613, 0.2858



16.7515, 0.3147, 0.3070



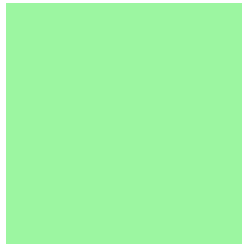
13.5851, 0.3353, 0.1621



1.1988, 0.3334, 0.1610

Previews

White Background



This preview shows how the Yxy color 75.5527, 0.3049, 0.4338 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 75.5527, 0.3049, 0.4338 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

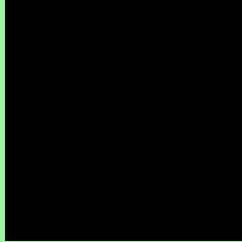
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 75.5527, 0.3049, 0.4338

Background



This preview shows how black text looks on a background with the Yxy color 75.5527, 0.3049, 0.4338.

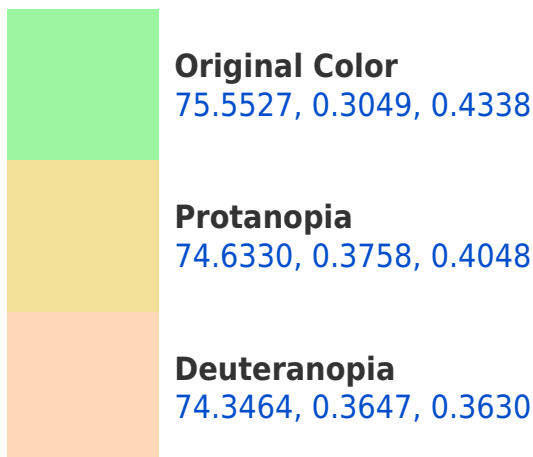


This preview shows how white text looks on a background with the Yxy color 75.5527, 0.3049, 0.4338.

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

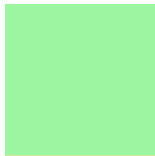




Tritanopia

75.5072, 0.2654, 0.3088

Trichromacy



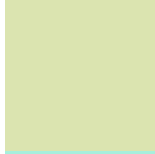
Original Color

75.5527, 0.3049, 0.4338



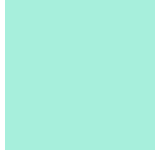
Protanomaly

73.9287, 0.3471, 0.4163



Deuteranomaly

73.6815, 0.3404, 0.3871



Tritanomaly

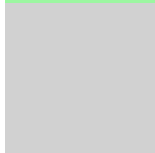
75.1158, 0.2792, 0.3512

Monochromacy



Original Color

75.5527, 0.3049, 0.4338



Achromatopsia

63.7597, 0.3127, 0.3290



Achromatomaly

66.9955, 0.3096, 0.3648

CSS Examples

Text

The CSS property to change the color of the text to Yxy 75.5527, 0.3049, 0.4338 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(156, 246, 161)` looks like.

```
.text, #text, p{  
    color:rgb(156, 246, 161)  
}
```

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(156, 246, 161) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(156, 246, 161) }
```

Border

The CSS property to change the border of an element to Yxy 75.5527, 0.3049, 0.4338 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(156, 246, 161) }
```

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

```
.border{ border-color:rgb(156, 246, 161) }
```

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

Here you see how a box with a 4 pixel rgb(156, 246, 161) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(156, 246, 161); -webkit-box-  
shadow:4px 4px 4px 4px rgb(156, 246, 161);  
box-shadow:4px 4px 4px 4px rgb(156, 246,  
161) }
```


Background

The CSS property to change the background color of an element to Yxy 75.5527, 0.3049, 0.4338 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(156, 246, 161) }
```

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

```
.background{ background-color: rgb(156,  
246, 161) }
```

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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