

Converting Colors

$Yxy(70.9691, 0.2544, 0.3182)$

Have a look what the booklet for
Yxy(70.9691, 0.2544, 0.3182)
contains.

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Color

Yxy(71.0675, 0.2541, 0.3182)

Conversions

Conversions Part 1

Format	Color
Hex	8EEAF3
RGB	142, 234, 243
RGB Percent	56%, 92%, 95%
CMY	0.4433, 0.0823, 0.0470
CMYK	0.42, 0.04, 0.00, 0.05
HSL	185°, 81%, 75%
HSV	185°, 42%, 95%
XYZ	56.7513, 71.0675, 95.5235
YIQ	207.5180, -57.7210, -16.7050

Conversions

Conversions Part 2

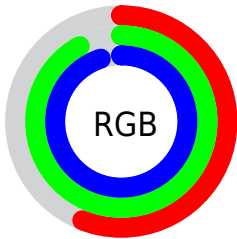
Format	Color
R_{YB}	142, 190, 243
Decimal	9366259
CIE _{Lab}	87.52, -25.16, -12.98
CIE _{LCh}	88, 28.316, 207.288
Yxy	71.0675, 0.2541, 0.3182
Android (android.graphics.Color)	4287556339 (0xFF8EEAF3)
YUV	207.5180, 17.4926, -57.4593
Hunter-Lab	84.3015, -27.3626, -8.1714

Details

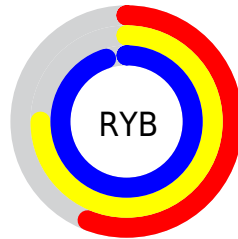
The Yxy color **71.0675, 0.2541, 0.3182** is a light color, and the websafe version is hex **99FFFF**. A complement of this color would be **43.1282, 0.4161, 0.3392**, and the grayscale version is **62.6578, 0.3127, 0.3290**.

A 20% lighter version of the original color is **91.0194, 0.2805, 0.3289**, and **37.3135, 0.2408, 0.3147** is the 20% darker color. If you saturate the color by 10%, you get **67.9262, 0.2432, 0.3152**, and if you desaturate by 10%, it is **74.6978, 0.2665, 0.3211**.

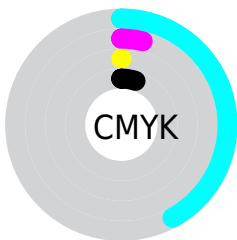
Distribution



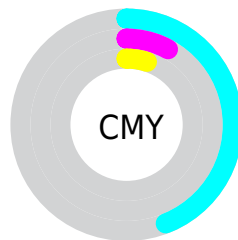
- Red (56%)
- Green (92%)
- Blue (95%)



- Red (56%)
- Yellow (75%)
- Blue (95%)



- Cyan (42%)
- Magenta (4%)
- Yellow (0%)
- Black (5%)




- Cyan (44%)
- Magenta (8%)
- Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 71.0675, 0.2541, 0.3182 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 71.0675, 0.2541, 0.3182 by changing the saturation by 10% instead.


 71.0675, 0.2541,
0.3182


 71.0675, 0.2541,
0.3182

464.2894, 0.2808,
0.3238

 52.3973, 0.2481,
0.3168

 120.7298, 0.2633,
0.3203

 37.3218, 0.2408,
0.3149


 152.4907, 0.2668,
0.3210

 25.4568, 0.2317,
0.3125


189.3840, 0.2699,
0.3217

 16.4177, 0.2200,
0.3091

231.7940, 0.2727,
0.3223

 9.8202, 0.2044,
0.3041

280.1051, 0.2751,
0.3227

 5.2799, 0.1828,
0.2964

334.7018, 0.2772,

 2.4124, 0.1514,

0.3232

0.2829

395.9684, 0.2791,
0.3235

■ 0.8323, 0.0571,
0.2688

■ 0.0000, 0.0000,
0.0000

■ 71.0675, 0.2541,
0.3182

■ 71.0675, 0.2541,
0.3182

■ 67.9262, 0.2432,
0.3152

■ 74.6978, 0.2665,
0.3211

■ 65.2348, 0.2342,
0.3122

■ 78.8369, 0.2802,
0.3238

■ 62.9616, 0.2270,
0.3091

■ 83.5134, 0.2949,
0.3263

■ 61.0669, 0.2218,
0.3060

■ 88.7514, 0.3102,
0.3287

■ 59.5031, 0.2185,
0.3029

■ 92.9318, 0.3204,
0.3308

■ 58.3801, 0.2168,
0.3004

■ 94.2473, 0.3203,
0.3329

■ 95.5782, 0.3201,
0.3349

■ 96.9245, 0.3199,
0.3370

■ 98.2863, 0.3198,
0.3391

Harmonies

Analogous

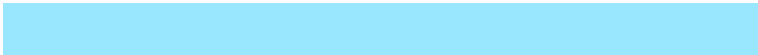
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



71.0675, 0.2745, 0.3514



71.0675, 0.2541, 0.3182



71.0675, 0.2487, 0.2906

Triad

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



71.0675, 0.2541, 0.3182



71.0675, 0.3170, 0.2853



71.0675, 0.3677, 0.3834

Complementary

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



71.0675, 0.2541, 0.3182



43.1282, 0.4161, 0.3392

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.



71.0675, 0.3810, 0.3623



71.0675, 0.2541, 0.3182



71.0675, 0.3510, 0.3071

Square

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



71.0675, 0.2541, 0.3182



71.0675, 0.2835, 0.2737



71.0675, 0.3749, 0.3346



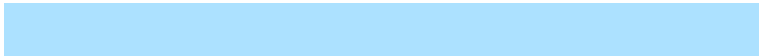
71.0675, 0.3398, 0.3906

Rectangle

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



71.0675, 0.2541, 0.3182



71.0675, 0.2540, 0.2787



71.0675, 0.3749, 0.3346



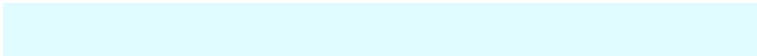
71.0675, 0.3741, 0.3776

Sweetspot

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



71.0703, 0.2541, 0.3182



92.9253, 0.2942, 0.3262



72.0666, 0.3024, 0.4472



19.7369, 0.2923, 0.3259



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.



71.0703, 0.2541, 0.3182



76.2605, 0.2447, 0.3157



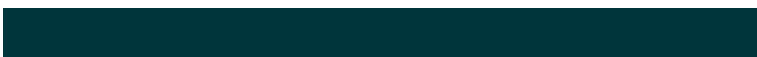
46.5271, 0.2438, 0.2550



18.4906, 0.2981, 0.3268



32.1426, 0.2169, 0.3009



2.8976, 0.2180, 0.3047

Inverse Universe

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



44.3323, 0.3253, 0.2346



43.0785, 0.3284, 0.2171



62.7368, 0.3924, 0.3925



16.7414, 0.3152, 0.3077



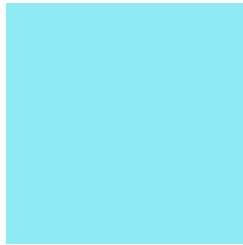
13.3442, 0.3447, 0.1672



1.1801, 0.3413, 0.1654

Previews

White Background



This preview shows how the Yxy color 71.0675, 0.2541, 0.3182 looks on a white background.

Color Contrast Check

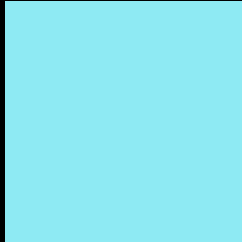
Large Text (above 18pt) WCAG AA × Fail

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 71.0675, 0.2541, 0.3182 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

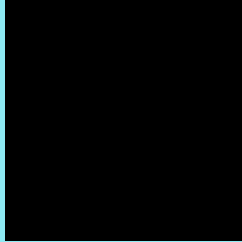
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 71.0675, 0.2541, 0.3182

Background



This preview shows how black text looks on a background with the Yxy color 71.0675, 0.2541, 0.3182.

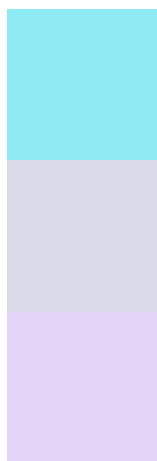


This preview shows how white text looks on a background with the Yxy color 71.0675, 0.2541, 0.3182.

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

71.0675, 0.2541, 0.3182

Protanopia

70.3573, 0.3036, 0.3127

Deuteranopia

70.5346, 0.2989, 0.2924



Tritanopia

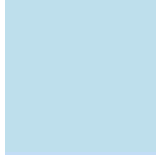
71.1722, 0.2511, 0.3079

Trichromacy



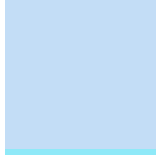
Original Color

71.0675, 0.2541, 0.3182



Protanomaly

69.7786, 0.2826, 0.3142



Deuteranomaly

69.9688, 0.2799, 0.3013



Tritanomaly

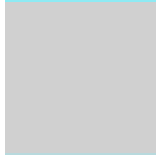
70.8948, 0.2521, 0.3113

Monochromacy



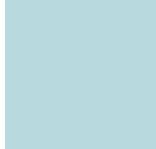
Original Color

71.0675, 0.2541, 0.3182



Achromatopsia

63.0757, 0.3127, 0.3290



Achromatomaly

65.0365, 0.2873, 0.3242

CSS Examples

Text

The CSS property to change the color of the text to Yxy 71.0675, 0.2541, 0.3182 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(142, 234, 243)` looks like.

```
.text, #text, p{  
    color:rgb(142, 234, 243)  
}
```

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(142, 234, 243) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(142, 234, 243) }
```

Border

The CSS property to change the border of an element to Yxy 71.0675, 0.2541, 0.3182 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(142, 234, 243) }
```

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

```
.border{ border-color:rgb(142, 234, 243) }
```

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

Here you see how a box with a 4 pixel `rgb(142, 234, 243)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(142, 234, 243); -webkit-box-  
shadow:4px 4px 4px 4px rgb(142, 234, 243);  
box-shadow:4px 4px 4px 4px rgb(142, 234,  
243) }
```


Background

The CSS property to change the background color of an element to Yxy 71.0675, 0.2541, 0.3182 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(142, 234, 243) }
```

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

```
.background{ background-color: rgb(142,  
234, 243) }
```

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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