

Converting Colors

$Yxy(71.5913, 0.2543, 0.3206)$

Have a look what the booklet for
Yxy(71.5913, 0.2543, 0.3206)
contains.

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Color

Yxy(71.4902, 0.2543, 0.3205)

Conversions

Conversions Part 1

Format	Color
Hex	8DEBF2
RGB	141, 235, 242
RGB Percent	55%, 92%, 95%
CMY	0.4471, 0.0784, 0.0508
CMYK	0.42, 0.03, 0.00, 0.05
HSL	184°, 80%, 75%
HSV	184°, 42%, 95%
XYZ	56.7237, 71.4902, 94.8444
YIQ	207.6920, -58.2710, -17.7510

Conversions

Conversions Part 2

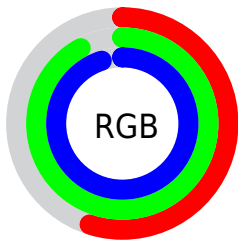
Format	Color
R _Y B	141, 190, 242
Decimal	9300978
CIE Lab	87.72, -26.12, -12.17
CIE LCh	88, 28.814, 204.993
Yxy	71.4902, 0.2543, 0.3205
Android (android.graphics.Color)	4287491058 (0xFF8DEBF2)
YUV	207.6920, 16.9138, -58.4889
Hunter-Lab	84.5519, -28.2146, -7.3211

Details

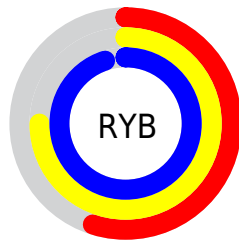
The Yxy color **71.4902, 0.2543, 0.3205** is a light color, and the websafe version is hex **99FFFF**. A complement of this color would be **41.9991, 0.4176, 0.3371**, and the grayscale version is **62.7859, 0.3127, 0.3290**.

A 20% lighter version of the original color is **90.8821, 0.2800, 0.3289**, and **37.6244, 0.2412, 0.3178** is the 20% darker color. If you saturate the color by 10%, you get **68.6370, 0.2437, 0.3182**, and if you desaturate by 10%, it is **74.8217, 0.2665, 0.3227**.

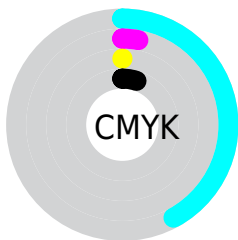
Distribution



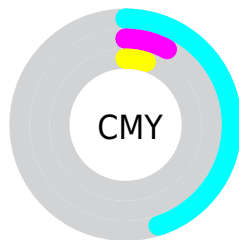
- Red (55%)
- Green (92%)
- Blue (95%)



- Red (55%)
- Yellow (75%)
- Blue (95%)



- Cyan (42%)
- Magenta (3%)
- Yellow (0%)
- Black (5%)





- Cyan (45%)
- Magenta (8%)
- Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 71.4902, 0.2543, 0.3205 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 71.4902, 0.2543, 0.3205 by changing the saturation by 10% instead.


 71.4902, 0.2543,
0.3205


 71.4902, 0.2543,
0.3205


465.7652, 0.2809,
0.3251

 52.7423, 0.2484,
0.3193


 121.3315, 0.2634,
0.3222

 37.5971, 0.2411,
0.3178


 153.1936, 0.2670,
0.3228

 25.6701, 0.2320,
0.3157


190.1960, 0.2701,
0.3234

 16.5770, 0.2203,
0.3128

232.7230, 0.2728,
0.3238

 9.9334, 0.2048,
0.3086

281.1591, 0.2752,
0.3242

 5.3548, 0.1833,
0.3018

335.8885, 0.2773,

 2.4569, 0.1521,

0.3245

0.2898

397.2958, 0.2792,
0.3248

0.8549, 0.0571,
0.2789

0.0000, 0.0000,
0.0000

71.4902, 0.2543,
0.3205

71.4902, 0.2543,
0.3205

68.6370, 0.2437,
0.3182

74.8217, 0.2665,
0.3227

66.2233, 0.2349,
0.3158

78.6509, 0.2801,
0.3249

64.2175, 0.2280,
0.3134

83.0062, 0.2947,
0.3269

62.5804, 0.2231,
0.3110

87.9115, 0.3100,
0.3287

61.2647, 0.2200,
0.3086

92.0335, 0.3211,
0.3304

60.3598, 0.2185,
0.3067

93.0499, 0.3210,
0.3320

94.0755, 0.3209,
0.3336

95.1105, 0.3207,
0.3352

96.1549, 0.3206,
0.3369

Harmonies

Analogous

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



71.4902, 0.2760, 0.3543



71.4902, 0.2543, 0.3205



71.4902, 0.2476, 0.2917

Triad

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



71.4902, 0.2543, 0.3205



71.4902, 0.3143, 0.2834



71.4902, 0.3702, 0.3830

Complementary

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



71.4902, 0.2543, 0.3205



41.9991, 0.4176, 0.3371

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.



71.4902, 0.3823, 0.3608



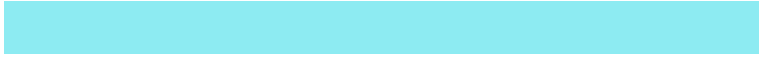
71.4902, 0.2543, 0.3205



71.4902, 0.3491, 0.3048

Square

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



71.4902, 0.2543, 0.3205



71.4902, 0.2808, 0.2725



71.4902, 0.3746, 0.3324



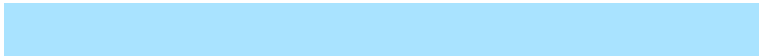
71.4902, 0.3427, 0.3917

Rectangle

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



71.4902, 0.2543, 0.3205



71.4902, 0.2521, 0.2790



71.4902, 0.3746, 0.3324



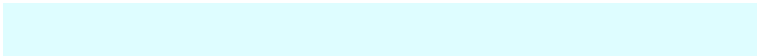
71.4902, 0.3763, 0.3767

Sweetspot

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



71.4930, 0.2543, 0.3205



92.7812, 0.2927, 0.3266



71.3207, 0.3032, 0.4499



19.6192, 0.2894, 0.3262



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

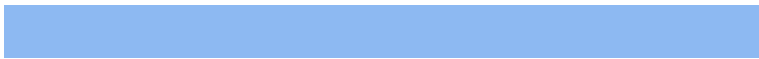
The Same Dimension uses a secret algorithm to generate beautiful new colors.



71.4930, 0.2543, 0.3205



77.7533, 0.2453, 0.3186



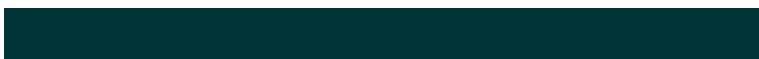
46.6831, 0.2439, 0.2569



17.7293, 0.2981, 0.3273



32.4975, 0.2187, 0.3071



2.7596, 0.2195, 0.3102

Inverse Universe

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



43.9318, 0.3237, 0.2325



43.2292, 0.3262, 0.2151



61.3125, 0.3935, 0.3911



16.0113, 0.3149, 0.3073



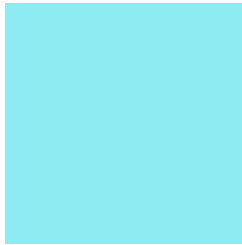
13.0740, 0.3392, 0.1642



1.0933, 0.3365, 0.1628

Previews

White Background



This preview shows how the Yxy color 71.4902, 0.2543, 0.3205 looks on a white background.

Color Contrast Check

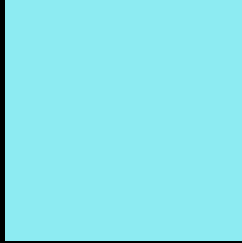
Large Text (above 18pt) WCAG AA × Fail

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 71.4902, 0.2543, 0.3205 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

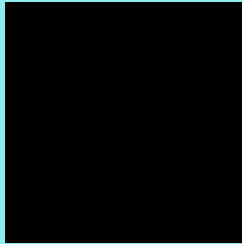
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 71.4902, 0.2543, 0.3205

Background



This preview shows how black text looks on a background with the Yxy color 71.4902, 0.2543, 0.3205.

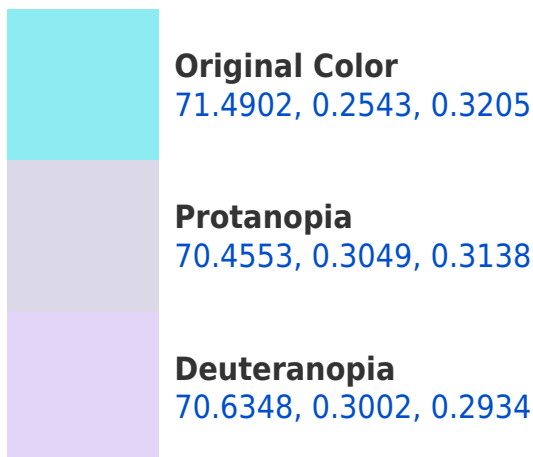


This preview shows how white text looks on a background with the Yxy color 71.4902, 0.2543, 0.3205.

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

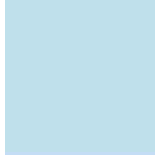
71.2354, 0.2507, 0.3068

Trichromacy



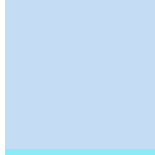
Original Color

71.4902, 0.2543, 0.3205



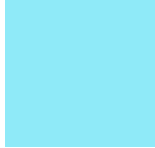
Protanomaly

70.3858, 0.2839, 0.3165



Deuteranomaly

70.0412, 0.2811, 0.3024



Tritanomaly

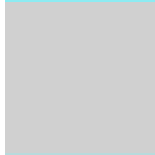
71.4626, 0.2523, 0.3125

Monochromacy



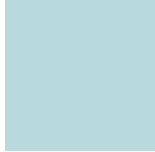
Original Color

71.4902, 0.2543, 0.3205



Achromatopsia

63.0757, 0.3127, 0.3290



Achromatomaly

65.5005, 0.2880, 0.3266

CSS Examples

Text

The CSS property to change the color of the text to Yxy 71.4902, 0.2543, 0.3205 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, 235, 242)` looks like.

```
.text, #text, p{  
    color:rgb(141, 235, 242)  
}
```

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, 235, 242) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(141, 235, 242) }
```

Border

The CSS property to change the border of an element to Yxy 71.4902, 0.2543, 0.3205 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, 235, 242) }
```

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

```
.border{ border-color:rgb(141, 235, 242) }
```

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

Here you see how a box with a 4 pixel `rgb(141, 235, 242)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(141, 235, 242); -webkit-box-shadow:4px 4px 4px 4px rgb(141, 235, 242); box-shadow:4px 4px 4px 4px rgb(141, 235, 242) }
```


Background

The CSS property to change the background color of an element to Yxy 71.4902, 0.2543, 0.3205 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(141, 235, 242) }
```

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

```
.background{ background-color: rgb(141,  
235, 242) }
```

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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