

Converting Colors

$Y_{xy}(71.0362, 0.2555, 0.3205)$

Have a look what the booklet for
Yxy(71.0362, 0.2555, 0.3205)
contains.

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Color

Yxy(71.0362, 0.2555, 0.3205)

Conversions

Conversions Part 1

Format	Color
Hex	8FEAF1
RGB	143, 234, 241
RGB Percent	56%, 92%, 95%
CMY	0.4393, 0.0823, 0.0547
CMYK	0.41, 0.03, 0.00, 0.05
HSL	184°, 78%, 75%
HSV	184°, 41%, 95%
XYZ	56.6295, 71.0362, 93.9761
YIQ	207.5890, -56.4830, -17.1150

Conversions

Conversions Part 2

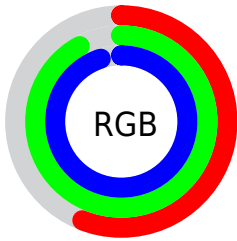
Format	Color
R _Y B	143, 190, 241
Decimal	9431793
CIE Lab	87.50, -25.40, -11.97
CIE LCh	88, 28.079, 205.230
Yxy	71.0362, 0.2555, 0.3205
Android (android.graphics.Color)	4287621873 (0xFF8FEAF1)
YUV	207.5890, 16.4716, -56.6446
Hunter-Lab	84.2830, -27.5616, -7.1107

Details

The Yxy color **71.0362, 0.2555, 0.3205** is a light color, and the websafe version is hex **99FFFF**. A complement of this color would be **42.5092, 0.4136, 0.3371**, and the grayscale version is **62.7157, 0.3127, 0.3290**.

A 20% lighter version of the original color is **91.1575, 0.2811, 0.3289**, and **37.2749, 0.2423, 0.3178** is the 20% darker color. If you saturate the color by 10%, you get **68.1341, 0.2447, 0.3181**, and if you desaturate by 10%, it is **74.4156, 0.2679, 0.3228**.

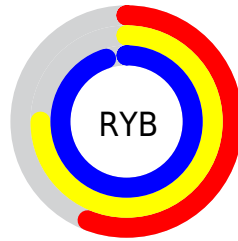
Distribution



Red (56%)

Green (92%)

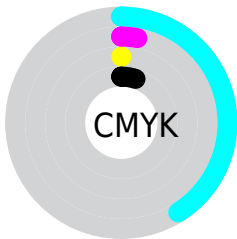
Blue (95%)



Red (56%)

Yellow (75%)

Blue (95%)

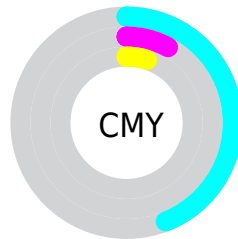


Cyan (41%)

Magenta (3%)

Yellow (0%)

Black (5%)



Cyan (44%)


Magenta (8%)

Yellow (5%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 71.0362, 0.2555, 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 71.0362, 0.2555, 0.3205 by changing the saturation by 10% instead.


 71.0362, 0.2555,
0.3205

 71.0362, 0.2555,
0.3205


464.1800, 0.2816,
0.3250

 52.3717, 0.2497,
0.3193


 120.6853, 0.2645,
0.3222

 37.3015, 0.2425,
0.3178


 152.4387, 0.2680,
0.3228

 25.4410, 0.2336,
0.3157


189.3238, 0.2710,
0.3233

 16.4059, 0.2220,
0.3129

231.7252, 0.2736,
0.3238

 9.8118, 0.2067,
0.3087

280.0270, 0.2760,
0.3242

 5.2744, 0.1854,
0.3019

334.6139, 0.2781,

 2.4091, 0.1543,

0.3245

0.2901

395.8701, 0.2799,
0.3248

0.8306, 0.0571,
0.2798

0.0000, 0.0000,
0.0000

71.0362, 0.2555,
0.3205

71.0362, 0.2555,
0.3205

68.1341, 0.2447,
0.3181

74.4156, 0.2679,
0.3228

65.6710, 0.2357,
0.3157


78.2912, 0.2816,
0.3250


63.6164, 0.2286,
0.3132

82.6909, 0.2963,
0.3270


61.9318, 0.2234,
0.3107

87.6381, 0.3117,
0.3289

 60.5717, 0.2201,
0.3083


 91.5065, 0.3218,
0.3306

 59.5265, 0.2184,
0.3061

 92.5448, 0.3217,
0.3323

 93.5928, 0.3215,
0.3339

 94.6506, 0.3214,
0.3356

 95.7183, 0.3213,
0.3373

Harmonies

Analogous

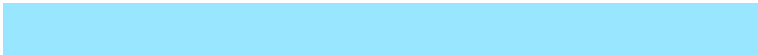
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



71.0362, 0.2766, 0.3535



71.0362, 0.2555, 0.3205



71.0362, 0.2491, 0.2924

Triad

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



71.0362, 0.2555, 0.3205



71.0362, 0.3146, 0.2845



71.0362, 0.3688, 0.3819

Complementary

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



71.0362, 0.2555, 0.3205



42.5092, 0.4136, 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.



71.0362, 0.3807, 0.3603



71.0362, 0.2555, 0.3205



71.0362, 0.3485, 0.3055

Square

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



71.0362, 0.2555, 0.3205



71.0362, 0.2818, 0.2738



71.0362, 0.3733, 0.3326



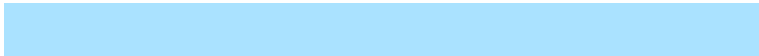
71.0362, 0.3418, 0.3902

Rectangle

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



71.0362, 0.2555, 0.3205



71.0362, 0.2536, 0.2801



71.0362, 0.3733, 0.3326



71.0362, 0.3747, 0.3759

Sweetspot

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



71.0390, 0.2555, 0.3205



93.2582, 0.2942, 0.3267



70.9591, 0.3035, 0.4462



19.8158, 0.2923, 0.3265



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

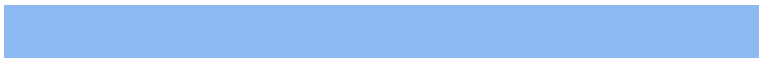
The Same Dimension uses a secret algorithm to generate beautiful new colors.



71.0390, 0.2555, 0.3205



77.9017, 0.2462, 0.3185



47.0879, 0.2457, 0.2591



17.7234, 0.2981, 0.3272



32.3529, 0.2185, 0.3064



2.7491, 0.2193, 0.3096

Inverse Universe

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



44.2881, 0.3235, 0.2350



43.8944, 0.3261, 0.2173



61.3298, 0.3910, 0.3895



16.0107, 0.3149, 0.3074



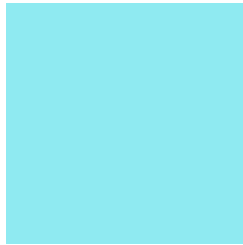
13.0594, 0.3398, 0.1645



1.0922, 0.3370, 0.1630

Previews

White Background



This preview shows how the Yxy color 71.0362, 0.2555, 0.3205 looks on a white background.

Color Contrast Check

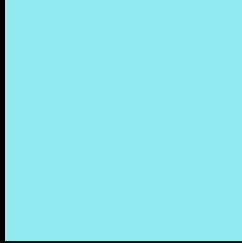
Large Text (above 18pt) WCAG AA × Fail

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 71.0362, 0.2555, 0.3205 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

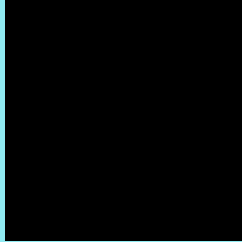
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 71.0362, 0.2555, 0.3205

Background



This preview shows how black text looks on a background with the Yxy color 71.0362, 0.2555, 0.3205.

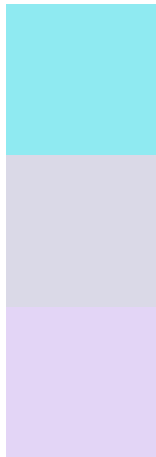


This preview shows how white text looks on a background with the Yxy color 71.0362, 0.2555, 0.3205.

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



Original Color

71.0362, 0.2555, 0.3205

Protanopia

70.3007, 0.3042, 0.3138

Deuteranopia

70.5732, 0.3008, 0.2944



Tritanopia

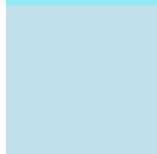
70.7893, 0.2519, 0.3067

Trichromacy



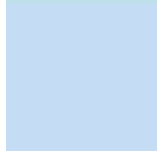
Original Color

71.0362, 0.2555, 0.3205



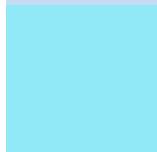
Protanomaly

69.8499, 0.2839, 0.3154



Deuteranomaly

69.9803, 0.2817, 0.3035



Tritanomaly

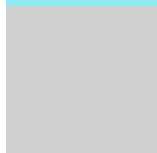
71.0130, 0.2534, 0.3124

Monochromacy



Original Color

71.0362, 0.2555, 0.3205



Achromatopsia

63.0757, 0.3127, 0.3290



Achromatomaly

64.9834, 0.2879, 0.3254

CSS Examples

Text

The CSS property to change the color of the text to Yxy 71.0362, 0.2555, 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(143, 234, 241)` looks like.

```
.text, #text, p{  
    color:rgb(143, 234, 241)  
}
```

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(143, 234, 241) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(143, 234, 241) }
```

Border

The CSS property to change the border of an element to Yxy 71.0362, 0.2555, 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(143, 234, 241) }
```

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

```
.border{ border-color:rgb(143, 234, 241) }
```

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

Here you see how a box with a 4 pixel rgb(143, 234, 241) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(143, 234, 241); -webkit-box-  
shadow:4px 4px 4px 4px rgb(143, 234, 241);  
box-shadow:4px 4px 4px 4px rgb(143, 234,  
241) }
```


Background

The CSS property to change the background color of an element to Yxy 71.0362, 0.2555, 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(143, 234, 241) }
```

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

```
.background{ background-color: rgb(143,  
234, 241) }
```

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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