

Converting Colors

$Yxy(71.3161, 0.2641, 0.3207)$

Have a look what the booklet for
Yxy(71.3161, 0.2641, 0.3207)
contains.

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Color

Yxy(71.3161, 0.2641, 0.3207)

Conversions

Conversions Part 1

Format	Color
Hex	9FE8EF
RGB	159, 232, 239
RGB Percent	62%, 91%, 94%
CMY	0.3766, 0.0902, 0.0627
CMYK	0.33, 0.03, 0.00, 0.06
HSL	185°, 71%, 78%
HSV	185°, 33%, 94%
XYZ	58.7296, 71.3161, 92.3307
YIQ	210.9710, -45.7550, -13.2990

Conversions

Conversions Part 2

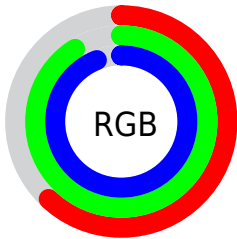
Format	Color
RYB	159, 197, 239
Decimal	10479855
CIELab	87.64, -20.85, -10.62
CIElCh	88, 23.395, 206.987
Yxy	71.3161, 0.2641, 0.3207
Android (android.graphics.Color)	4288669935 (0xFF9FE8EF)
YUV	210.9710, 13.8183, -45.5786
Hunter-Lab	84.4489, -23.6484, -5.7095

Details

The Yxy color **71.3161, 0.2641, 0.3207** is a light color, and the websafe version is hex **99FFFF**. A complement of this color would be **48.1110, 0.3887, 0.3370**, and the grayscale version is **65.0483, 0.3127, 0.3290**.

A 20% lighter version of the original color is **93.3389, 0.2894, 0.3289**, and **37.4126, 0.2531, 0.3180** is the 20% darker color. If you saturate the color by 10%, you get **67.9394, 0.2520, 0.3179**, and if you desaturate by 10%, it is **75.1848, 0.2776, 0.3234**.

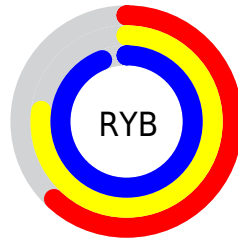
Distribution



Red (62%)

Green (91%)

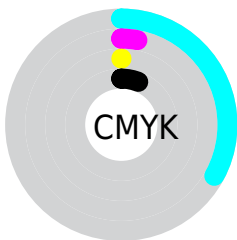
Blue (94%)



Red (62%)

Yellow (77%)

Blue (94%)

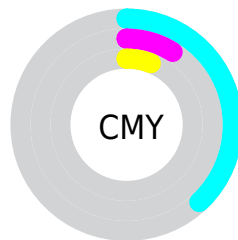


Cyan (33%)

Magenta (3%)

Yellow (0%)

Black (6%)



Cyan (38%)


Magenta (9%)


Yellow (6%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 71.3161, 0.2641, 0.3207 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 71.3161, 0.2641, 0.3207 by changing the saturation by 10% instead.


 71.3161, 0.2641,
0.3207

 71.3161, 0.2641,
0.3207


465.1577, 0.2863,
0.3250

 52.6002, 0.2591,
0.3196


 121.0837, 0.2717,
0.3223

 37.4837, 0.2530,
0.3182


 152.9042, 0.2747,
0.3229

 25.5822, 0.2453,
0.3164


189.8617, 0.2773,
0.3234

 16.5114, 0.2353,
0.3138

232.3405, 0.2796,
0.3238

 9.8867, 0.2220,
0.3101

280.7252, 0.2816,
0.3241

 5.3239, 0.2033,
0.3043

335.4000, 0.2833,

 2.4385, 0.1755,

0.3245

0.2942

396.7494, 0.2849,
0.3247

0.8456, 0.0987,
0.2832

0.0000, 0.0000,
0.0000

71.3161, 0.2641,
0.3207

71.3161, 0.2641,
0.3207

67.9394, 0.2520,
0.3179

75.1848, 0.2776,
0.3234

65.0187, 0.2415,
0.3149

79.5621, 0.2921,
0.3259

62.5268, 0.2328,
0.3119

84.4743, 0.3073,
0.3282

60.4298, 0.2260,
0.3089

89.9433, 0.3230,
0.3304

■ 58.6883, 0.2212,
0.3059

■ 91.2634, 0.3231,
0.3324

■ 57.2549, 0.2182,
0.3029

■ 92.5163, 0.3229,
0.3344

■ 56.4397, 0.2169,
0.3010

■ 93.7834, 0.3227,
0.3364

■ 95.0648, 0.3225,
0.3384

■ 96.3605, 0.3224,
0.3404

Harmonies

Analogous

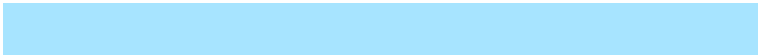
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



71.3161, 0.2813, 0.3478



71.3161, 0.2641, 0.3207



71.3161, 0.2594, 0.2976

Triad

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



71.3161, 0.2641, 0.3207



71.3161, 0.3161, 0.2924



71.3161, 0.3585, 0.3740

Complementary

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



71.3161, 0.2641, 0.3207



48.1110, 0.3887, 0.3370

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.



71.3161, 0.3690, 0.3568



71.3161, 0.2641, 0.3207



71.3161, 0.3441, 0.3107

Square

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



71.3161, 0.2641, 0.3207



71.3161, 0.2884, 0.2828



71.3161, 0.3638, 0.3338



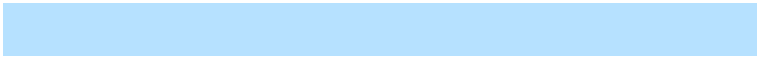
71.3161, 0.3356, 0.3795

Rectangle

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



71.3161, 0.2641, 0.3207



71.3161, 0.2637, 0.2875



71.3161, 0.3638, 0.3338



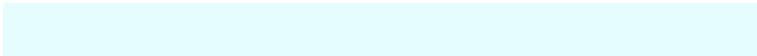
71.3161, 0.3636, 0.3693

Sweetspot

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



71.3189, 0.2641, 0.3207



94.0675, 0.2972, 0.3267



71.8412, 0.3044, 0.4204



19.9668, 0.2951, 0.3264



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.



71.3189, 0.2641, 0.3207



79.9591, 0.2559, 0.3188



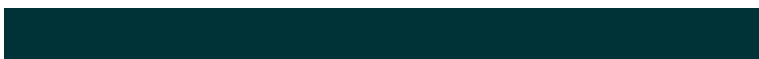
51.4381, 0.2578, 0.2718



17.6790, 0.2981, 0.3269



31.2882, 0.2171, 0.3014



2.6717, 0.2182, 0.3053

Inverse Universe

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



48.9636, 0.3224, 0.2524



50.7019, 0.3247, 0.2376



64.8295, 0.3742, 0.3800



16.0062, 0.3151, 0.3077



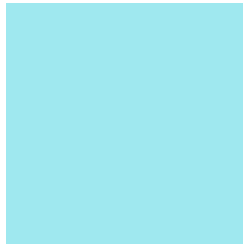
12.9519, 0.3442, 0.1670



1.0844, 0.3407, 0.1651

Previews

White Background



This preview shows how the Yxy color 71.3161, 0.2641, 0.3207 looks on a white background.

Color Contrast Check

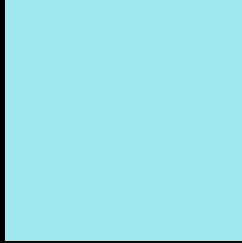
Large Text (above 18pt) WCAG AA × Fail

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 71.3161, 0.2641, 0.3207 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

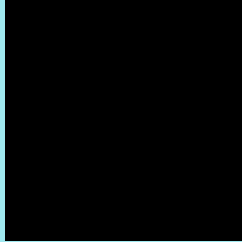
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 71.3161, 0.2641, 0.3207

Background



This preview shows how black text looks on a background with the Yxy color 71.3161, 0.2641, 0.3207.

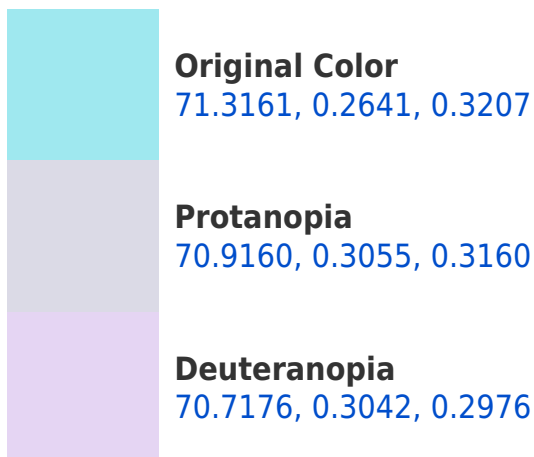


This preview shows how white text looks on a background with the Yxy color 71.3161, 0.2641, 0.3207.

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

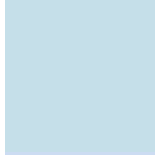
71.0102, 0.2598, 0.3071

Trichromacy



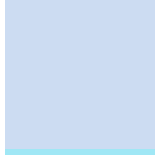
Original Color

71.3161, 0.2641, 0.3207



Protanomaly

70.5289, 0.2889, 0.3177



Deuteranomaly

70.4346, 0.2879, 0.3048



Tritanomaly

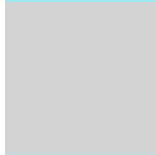
71.2180, 0.2615, 0.3127

Monochromacy



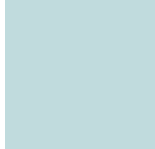
Original Color

71.3161, 0.2641, 0.3207



Achromatopsia

65.1406, 0.3127, 0.3290



Achromatomaly

67.0900, 0.2927, 0.3266

CSS Examples

Text

The CSS property to change the color of the text to Yxy 71.3161, 0.2641, 0.3207 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(159, 232, 239)` looks like.

```
.text, #text, p{  
    color:rgb(159, 232, 239)  
}
```

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(159, 232, 239) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(159, 232, 239) }
```

Border

The CSS property to change the border of an element to Yxy 71.3161, 0.2641, 0.3207 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(159, 232, 239) }
```

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

```
.border{ border-color:rgb(159, 232, 239) }
```

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

Here you see how a box with a 4 pixel `rgb(159, 232, 239)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(159, 232, 239); -webkit-box-shadow:4px 4px 4px 4px rgb(159, 232, 239); box-shadow:4px 4px 4px 4px rgb(159, 232, 239) }
```


Background

The CSS property to change the background color of an element to Yxy 71.3161, 0.2641, 0.3207 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(159, 232, 239) }
```

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

```
.background{ background-color: rgb(159,  
232, 239) }
```

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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