

Converting Colors

$Yxy(72.3737, 0.2588, 0.3312)$

Have a look what the booklet for
Yxy(72.3737, 0.2588, 0.3312)
contains.

Yxy(72.4062, 0.2590, 0.3312)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(72.4062, 0.2590, 0.3312)

Conversions

Conversions Part 1

Format	Color
Hex	8FEDEB
RGB	143, 237, 235
RGB Percent	56%, 93%, 92%
CMY	0.4388, 0.0706, 0.0784
CMYK	0.40, 0.00, 0.01, 0.07
HSL	179°, 72%, 75%
HSV	179°, 40%, 93%
XYZ	56.6220, 72.4062, 89.5896
YIQ	208.6660, -55.3820, -20.5500

Conversions

Conversions Part 2

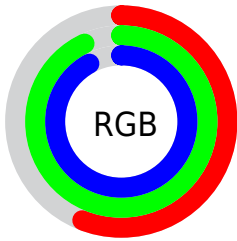
Format	Color
RYB	143, 191, 237
Decimal	9432555
CIELab	88.16, -28.27, -7.82
CIELCh	88, 29.330, 195.460
Yxy	72.4062, 0.2590, 0.3312
Android (android.graphics.Color)	4287622635 (0xFF8FEDEB)
YUV	208.6660, 12.9827, -57.5891
Hunter-Lab	85.0918, -30.1328, -2.8596

Details

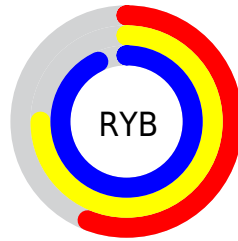
The Yxy color **72.4062, 0.2590, 0.3312** is a light color, and the websafe version is hex **99FFFF**. A complement of this color would be **39.7299, 0.4106, 0.3271**, and the grayscale version is **63.4908, 0.3127, 0.3290**.

A 20% lighter version of the original color is **91.1575, 0.2811, 0.3289**, and **38.2809, 0.2471, 0.3320** is the 20% darker color. If you saturate the color by 10%, you get **70.4816, 0.2489, 0.3319**, and if you desaturate by 10%, it is **74.7834, 0.2707, 0.3306**.

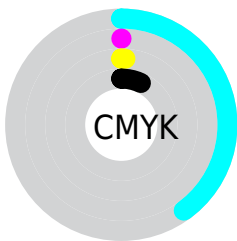
Distribution



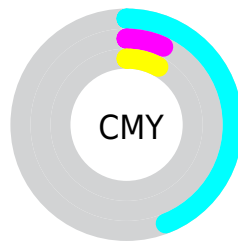
- Red (56%)
- Green (93%)
- Blue (92%)



- Red (56%)
- Yellow (75%)
- Blue (93%)



- Cyan (40%)
- Magenta (0%)
- Yellow (1%)
- Black (7%)





- Cyan (44%)
- Magenta (7%)
- Yellow (8%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 72.4062, 0.2590, 0.3312 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 72.4062, 0.2590, 0.3312 by changing the saturation by 10% instead.


 72.4062, 0.2590,
0.3312


 72.4062, 0.2590,
0.3312


468.9542, 0.2835,
0.3307

 53.4906, 0.2535,
0.3312


 122.6339, 0.2674,
0.3311

 38.1945, 0.2468,
0.3312


 154.7147, 0.2707,
0.3310

 26.1337, 0.2383,
0.3310


191.9527, 0.2736,
0.3310

 16.9237, 0.2274,
0.3307

234.7323, 0.2761,
0.3309

 10.1801, 0.2129,
0.3299

283.4378, 0.2783,
0.3308

 5.5185, 0.1926,
0.3282

338.4537, 0.2802,

 2.5546, 0.1626,

0.3308

400.1644, 0.2819,
0.3307

0.3243

0.9039, 0.0621,
0.3321

0.0000, 0.0000,
0.0000

72.4062, 0.2590,
0.3312

72.4062, 0.2590,
0.3312

70.4816, 0.2489,
0.3319

74.7834, 0.2707,
0.3306

68.9728, 0.2407,
0.3325

77.6306, 0.2839,
0.3300

67.8510, 0.2344,
0.3332

80.9744, 0.2982,
0.3295

67.0800, 0.2301,
0.3339

84.8373, 0.3133,
0.3290

■ 66.6171, 0.2276,
0.3346

■ 87.9647, 0.3245,
0.3285

■ 66.3926, 0.2265,
0.3352

■ 87.9941, 0.3242,
0.3280

■ 66.3855, 0.2265,
0.3353

■ 88.0236, 0.3238,
0.3275

■ 88.0532, 0.3235,
0.3271

■ 88.0828, 0.3232,
0.3266

Harmonies

Analogous

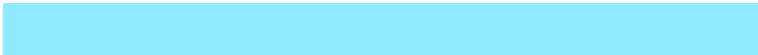
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



72.4062, 0.2850, 0.3647



72.4062, 0.2590, 0.3312



72.4062, 0.2472, 0.2993

Triad

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



72.4062, 0.2590, 0.3312



72.4062, 0.3029, 0.2780



72.4062, 0.3769, 0.3777

Complementary

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



72.4062, 0.2590, 0.3312



39.7299, 0.4106, 0.3271

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.



72.4062, 0.3830, 0.3523



72.4062, 0.2590, 0.3312



72.4062, 0.3389, 0.2967

Square

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



72.4062, 0.2590, 0.3312



72.4062, 0.2713, 0.2711



72.4062, 0.3689, 0.3232



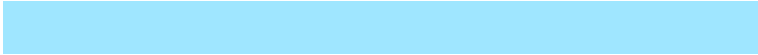
72.4062, 0.3532, 0.3917

Rectangle

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



72.4062, 0.2590, 0.3312



72.4062, 0.2483, 0.2837



72.4062, 0.3689, 0.3232



72.4062, 0.3812, 0.3701

Sweetspot

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



72.4091, 0.2590, 0.3312



94.6097, 0.2946, 0.3296



68.6809, 0.3089, 0.4500



20.1363, 0.2927, 0.3297



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.



72.4091, 0.2590, 0.3312



83.5285, 0.2502, 0.3318



50.1838, 0.2495, 0.2738



17.1161, 0.2984, 0.3295



36.2513, 0.2264, 0.3352



2.8484, 0.2262, 0.3342

Inverse Universe

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



39.7299, 0.4106, 0.3271



39.6803, 0.4443, 0.3267



55.4970, 0.3925, 0.3779



15.0592, 0.3290, 0.3285



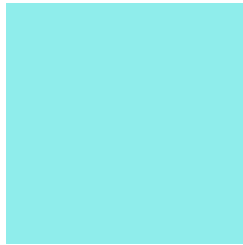
9.8382, 0.6378, 0.3287



0.7744, 0.6316, 0.3253

Previews

White Background



This preview shows how the Yxy color 72.4062, 0.2590, 0.3312 looks on a white background.

Color Contrast Check

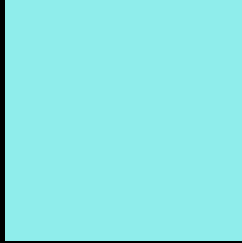
Large Text (above 18pt) WCAG AA × Fail

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 72.4062, 0.2590, 0.3312 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

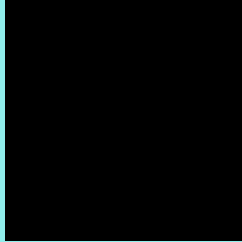
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 72.4062, 0.2590, 0.3312

Background



This preview shows how black text looks on a background with the Yxy color 72.4062, 0.2590, 0.3312.

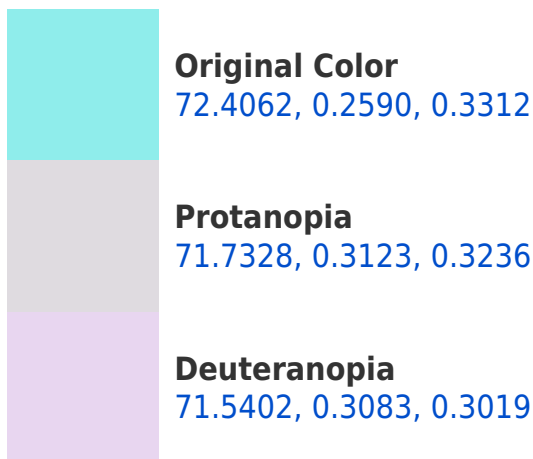


This preview shows how white text looks on a background with the Yxy color 72.4062, 0.2590, 0.3312.

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

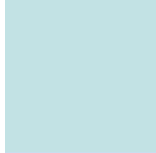
72.2334, 0.2523, 0.3069

Trichromacy



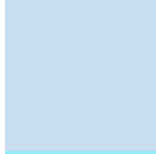
Original Color

72.4062, 0.2590, 0.3312



Protanomaly

71.4635, 0.2900, 0.3267



Deuteranomaly

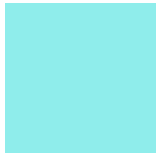
70.6950, 0.2878, 0.3112



Tritanomaly

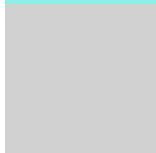
72.1815, 0.2548, 0.3160

Monochromacy



Original Color

72.4062, 0.2590, 0.3312



Achromatopsia

63.7597, 0.3127, 0.3290



Achromatomaly

66.0393, 0.2899, 0.3301

CSS Examples

Text

The CSS property to change the color of the text to Yxy 72.4062, 0.2590, 0.3312 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, 237, 235)` looks like.

```
.text, #text, p{  
    color:rgb(143, 237, 235)  
}
```

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, 237, 235) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(143, 237, 235) }
```

Border

The CSS property to change the border of an element to Yxy 72.4062, 0.2590, 0.3312 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, 237, 235) }
```

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

```
.border{ border-color:rgb(143, 237, 235) }
```

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

Here you see how a box with a 4 pixel `rgb(143, 237, 235)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(143, 237, 235); -webkit-box-  
shadow:4px 4px 4px 4px rgb(143, 237, 235);  
box-shadow:4px 4px 4px 4px rgb(143, 237,  
235) }
```


Background

The CSS property to change the background color of an element to Yxy 72.4062, 0.2590, 0.3312 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(143, 237, 235) }
```

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

```
.background{ background-color: rgb(143,  
237, 235) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor