

Converting Colors

$Yxy(71.2231, 0.2620, 0.3399)$

Have a look what the booklet for
Yxy(71.2231, 0.2620, 0.3399)
contains.

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Color

Yxy(71.1997, 0.2617, 0.3397)

Conversions

Conversions Part 1

Format	Color
Hex	8DECE3
RGB	141, 236, 227
RGB Percent	55%, 93%, 89%
CMY	0.4469, 0.0745, 0.1097
CMYK	0.40, 0.00, 0.04, 0.07
HSL	174°, 71%, 74%
HSV	174°, 40%, 93%
XYZ	54.8512, 71.1997, 83.5449
YIQ	206.5690, -53.7310, -22.9390

Conversions

Conversions Part 2

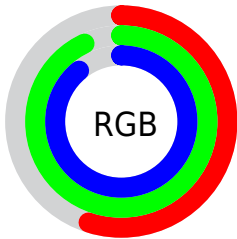
Format	Color
RYB	141, 191, 236
Decimal	9301219
CIELab	87.58, -30.19, -4.51
CIELCh	88, 30.528, 188.492
Yxy	71.1997, 0.2617, 0.3397
Android (android.graphics.Color)	4287491299 (0xFF8DECE3)
YUV	206.5690, 10.0725, -57.5040
Hunter-Lab	84.3799, -31.6308, 0.3627

Details

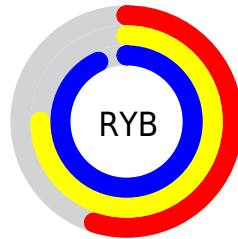
The Yxy color **71.1997, 0.2617, 0.3397** is a light color, and the websafe version is hex **99FFFF**. A complement of this color would be **39.0925, 0.4051, 0.3191**, and the grayscale version is **62.0716, 0.3127, 0.3290**.

A 20% lighter version of the original color is **90.8821, 0.2800, 0.3289**, and **37.5059, 0.2499, 0.3417** is the 20% darker color. If you saturate the color by 10%, you get **69.2267, 0.2523, 0.3428**, and if you desaturate by 10%, it is **73.6207, 0.2727, 0.3368**.

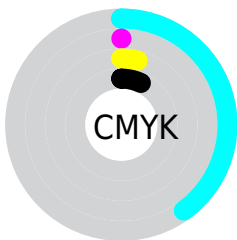
Distribution



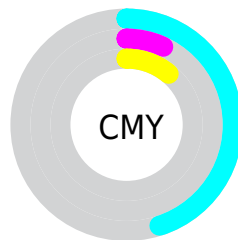
- Red (55%)
- Green (93%)
- Blue (89%)



- Red (55%)
- Yellow (75%)
- Blue (93%)



- Cyan (40%)
- Magenta (0%)
- Yellow (4%)
- Black (7%)





- Cyan (45%)
- Magenta (7%)
- Yellow (11%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 71.1997, 0.2617, 0.3397 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 71.1997, 0.2617, 0.3397 by changing the saturation by 10% instead.


 71.1997, 0.2617,
0.3397


 71.1997, 0.2617,
0.3397


464.7512, 0.2851,
0.3351

 52.5052, 0.2564,
0.3407

 120.9180, 0.2698,
0.3382

 37.4079, 0.2499,
0.3419


 152.7106, 0.2729,
0.3375

 25.5235, 0.2417,
0.3433


189.6381, 0.2757,
0.3370

 16.4675, 0.2310,
0.3450

232.0847, 0.2780,
0.3365

 9.8556, 0.2167,
0.3472

280.4349, 0.2801,
0.3361

 5.3033, 0.1966,
0.3498

335.0732, 0.2820,

 2.4263, 0.1662,

0.3357

396.3838, 0.2836,
0.3354

0.3528

0.8394, 0.0282,
0.3896

0.0000, 0.0000,
0.0000

71.1997, 0.2617,
0.3397

71.1997, 0.2617,
0.3397

69.2267, 0.2523,
0.3428

73.6207, 0.2727,
0.3368

67.6649, 0.2447,
0.3460


76.5070, 0.2850,
0.3340

66.4858, 0.2390,
0.3492


79.8853, 0.2983,
0.3314

65.6532, 0.2353,
0.3525

83.7775, 0.3124,
0.3291

 65.1241, 0.2334,
0.3558


 87.4329, 0.3241,
0.3269

 64.8299, 0.2330,
0.3589

 87.5648, 0.3227,
0.3247

 87.6984, 0.3213,
0.3226

 87.8336, 0.3199,
0.3204

 87.9705, 0.3185,
0.3183

Harmonies

Analogous

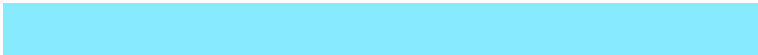
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



71.1997, 0.2915, 0.3735



71.1997, 0.2617, 0.3397



71.1997, 0.2457, 0.3048

Triad

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



71.1997, 0.2617, 0.3397



71.1997, 0.2940, 0.2729



71.1997, 0.3832, 0.3743

Complementary

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



71.1997, 0.2617, 0.3397



39.0925, 0.4051, 0.3191

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.



71.1997, 0.3848, 0.3462



71.1997, 0.2617, 0.3397



71.1997, 0.3315, 0.2898

Square

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



71.1997, 0.2617, 0.3397



71.1997, 0.2634, 0.2689



71.1997, 0.3654, 0.3159



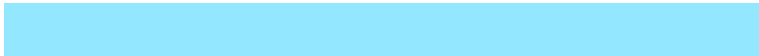
71.1997, 0.3620, 0.3927

Rectangle

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



71.1997, 0.2617, 0.3397



71.1997, 0.2442, 0.2865



71.1997, 0.3654, 0.3159



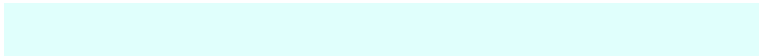
71.1997, 0.3861, 0.3657

Sweetspot

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



71.2025, 0.2617, 0.3397



94.4665, 0.2958, 0.3319



68.4476, 0.3127, 0.4508



20.1024, 0.2941, 0.3322



0.0000, 0.0000, 0.0000



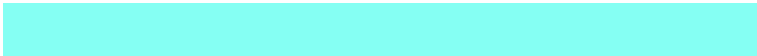
21.4041, 0.3127, 0.3290

Same Dimension

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



71.2025, 0.2617, 0.3397



82.9718, 0.2541, 0.3422



52.1139, 0.2499, 0.2811



17.0959, 0.2994, 0.3312



35.7467, 0.2329, 0.3584



2.8141, 0.2316, 0.3539

Inverse Universe

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



39.0925, 0.4051, 0.3191



39.9442, 0.4340, 0.3174



52.0031, 0.3970, 0.3719



15.0771, 0.3278, 0.3268



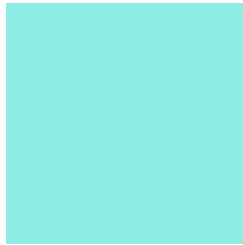
9.8706, 0.6291, 0.3239



0.7830, 0.6042, 0.3102

Previews

White Background



This preview shows how the Yxy color 71.1997, 0.2617, 0.3397 looks on a white background.

Color Contrast Check

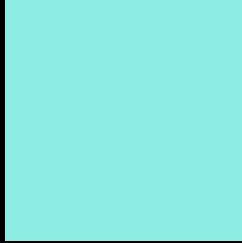
Large Text (above 18pt) WCAG AA × Fail

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 71.1997, 0.2617, 0.3397 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

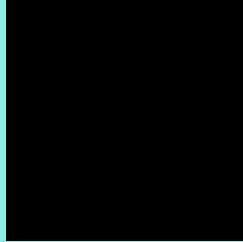
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 71.1997, 0.2617, 0.3397

Background



This preview shows how black text looks on a background with the Yxy color 71.1997, 0.2617, 0.3397.

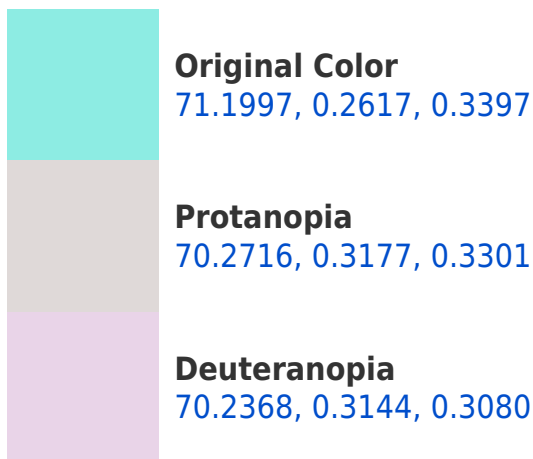


This preview shows how white text looks on a background with the Yxy color 71.1997, 0.2617, 0.3397.

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

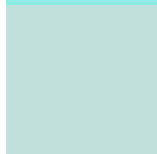
70.9742, 0.2528, 0.3068

Trichromacy



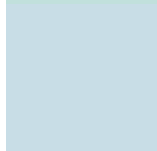
Original Color

71.1997, 0.2617, 0.3397



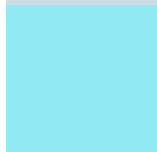
Protanomaly

69.8161, 0.2941, 0.3335



Deuteranomaly

69.7054, 0.2926, 0.3189



Tritanomaly

70.7084, 0.2558, 0.3182

Monochromacy



Original Color

71.1997, 0.2617, 0.3397



Achromatopsia

62.3960, 0.3127, 0.3290



Achromatomaly

65.0651, 0.2910, 0.3337

CSS Examples

Text

The CSS property to change the color of the text to Yxy 71.1997, 0.2617, 0.3397 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, 236, 227)` looks like.

```
.text, #text, p{  
    color:rgb(141, 236, 227)  
}
```

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, 236, 227) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(141, 236, 227) }
```

Border

The CSS property to change the border of an element to Yxy 71.1997, 0.2617, 0.3397 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, 236, 227) }
```

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

```
.border{ border-color:rgb(141, 236, 227) }
```

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

Here you see how a box with a 4 pixel rgb(141, 236, 227) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(141, 236, 227); -webkit-box-  
shadow:4px 4px 4px 4px rgb(141, 236, 227);  
box-shadow:4px 4px 4px 4px rgb(141, 236,  
227) }
```


Background

The CSS property to change the background color of an element to Yxy 71.1997, 0.2617, 0.3397 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(141, 236, 227) }
```

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

```
.background{ background-color: rgb(141,  
236, 227) }
```

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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