

Converting Colors

$Yxy(73.5889, 0.2459, 0.3211)$

Have a look what the booklet for
Yxy(73.5889, 0.2459, 0.3211)
contains.

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Color

Yxy(73.9111, 0.2462, 0.3217)

Conversions

Conversions Part 1

Format	Color
Hex	7CF1F7
RGB	124, 241, 247
RGB Percent	49%, 95%, 97%
CMY	0.5134, 0.0549, 0.0314
CMYK	0.50, 0.02, 0.00, 0.03
HSL	183°, 88%, 73%
HSV	183°, 50%, 97%
XYZ	56.5649, 73.9111, 99.2757
YIQ	206.7010, -71.6580, -22.9380

Conversions

Conversions Part 2

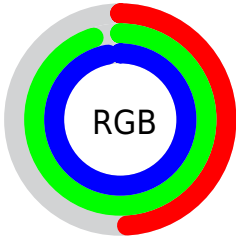
Format	Color
RYB	124, 184, 247
Decimal	8188407
CIELab	88.88, -31.50, -13.11
CIELCh	89, 34.118, 202.592
Yxy	73.9111, 0.2462, 0.3217
Android (android.graphics.Color)	4286378487 (0xFF7CF1F7)
YUV	206.7010, 19.8674, -72.5288
Hunter-Lab	85.9716, -33.0065, -8.2850

Details

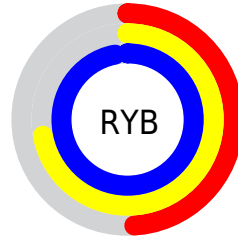
The Yxy color **73.9111, 0.2462, 0.3217** is a light color, and the websafe version is hex **99FFFF**. A complement of this color would be **37.2222, 0.4509, 0.3357**, and the grayscale version is **62.1147, 0.3127, 0.3290**.

A 20% lighter version of the original color is **88.9303, 0.2721, 0.3289**, and **39.3893, 0.2315, 0.3194** is the 20% darker color. If you saturate the color by 10%, you get **71.5850, 0.2373, 0.3200**, and if you desaturate by 10%, it is **76.7085, 0.2569, 0.3233**.

Distribution



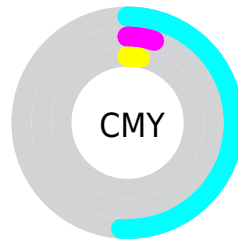
- Red (49%)
- Green (95%)
- Blue (97%)



- Red (49%)
- Yellow (72%)
- Blue (97%)



- Cyan (50%)
- Magenta (2%)
- Yellow (0%)
- Black (3%)





- Cyan (51%)
- Magenta (5%)
- Yellow (3%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 73.9111, 0.2462, 0.3217 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 73.9111, 0.2462, 0.3217 by changing the saturation by 10% instead.


 73.9111, 0.2462,
0.3217

 73.9111, 0.2462,
0.3217

474.1665, 0.2762,
0.3259


 54.7213, 0.2396,
0.3206

 124.7698, 0.2564,
0.3233

 39.1786, 0.2315,
0.3191


 157.2074, 0.2605,
0.3239

 26.8987, 0.2215,
0.3171


 194.8298, 0.2639,
0.3243

 17.4972, 0.2087,
0.3142

238.0213, 0.2670,
0.3247

 10.5896, 0.1919,
0.3100

287.1663, 0.2697,
0.3251

 5.7916, 0.1691,
0.3031


342.6493, 0.2721,

 2.7188, 0.1366,


0.3254


0.2910


404.8545, 0.2742,
0.3256

 0.9867, 0.0467,
0.2785

 0.0000, 0.0000,
0.0000

 73.9111, 0.2462,
0.3217


 73.9111, 0.2462,
0.3217


 71.5850, 0.2373,
0.3200


 76.7085, 0.2569,
0.3233


 69.6866, 0.2303,
0.3184


 80.0002, 0.2693,
0.3249


 68.1786, 0.2253,
0.3167

 83.8176, 0.2829,
0.3264


 67.0134, 0.2221,
0.3151


 88.1873, 0.2976,
0.3278


 66.1139, 0.2204,
0.3135


 93.1339, 0.3131,
0.3290

 66.0933, 0.2204,
0.3134

 95.2520, 0.3178,
0.3302

 95.9971, 0.3177,
0.3314

 96.7469, 0.3176,
0.3325

 97.5016, 0.3175,
0.3337

Harmonies

Analogous

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



73.9111, 0.2723, 0.3618



73.9111, 0.2462, 0.3217



73.9111, 0.2372, 0.2873

Triad

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



73.9111, 0.2462, 0.3217



73.9111, 0.3110, 0.2748



73.9111, 0.3817, 0.3901

Complementary

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



73.9111, 0.2462, 0.3217



37.2222, 0.4509, 0.3357

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.



73.9111, 0.3945, 0.3628



73.9111, 0.2462, 0.3217



73.9111, 0.3523, 0.2985

Square

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



73.9111, 0.2462, 0.3217



73.9111, 0.2726, 0.2633



73.9111, 0.3837, 0.3298



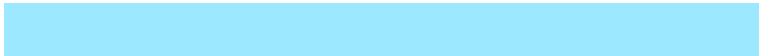
73.9111, 0.3504, 0.4027

Rectangle

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



73.9111, 0.2462, 0.3217



73.9111, 0.2414, 0.2720



73.9111, 0.3837, 0.3298



73.9111, 0.3884, 0.3822

Sweetspot

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



73.9139, 0.2462, 0.3217



92.2673, 0.2898, 0.3270



72.3745, 0.3034, 0.4827



19.5403, 0.2867, 0.3267



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

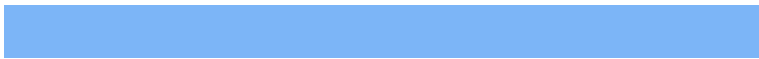
The Same Dimension uses a secret algorithm to generate beautiful new colors.



73.9139, 0.2462, 0.3217



76.8896, 0.2370, 0.3200



44.2378, 0.2314, 0.2454



18.6109, 0.2981, 0.3278



35.0191, 0.2205, 0.3137



3.1198, 0.2210, 0.3157

Inverse Universe

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



40.5630, 0.3237, 0.2137



37.5108, 0.3262, 0.1946



57.9030, 0.4152, 0.3984



16.7535, 0.3146, 0.3068



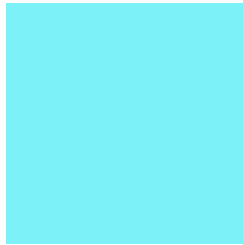
13.6346, 0.3335, 0.1611



1.2026, 0.3318, 0.1602

Previews

White Background



This preview shows how the Yxy color 73.9111, 0.2462, 0.3217 looks on a white background.

Color Contrast Check

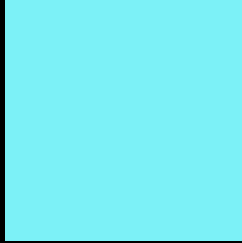
Large Text (above 18pt) WCAG AA × Fail

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 73.9111, 0.2462, 0.3217 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

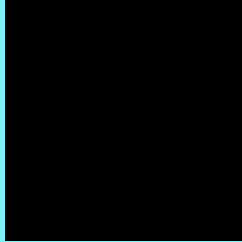
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 73.9111, 0.2462, 0.3217

Background



This preview shows how black text looks on a background with the Yxy color 73.9111, 0.2462, 0.3217.

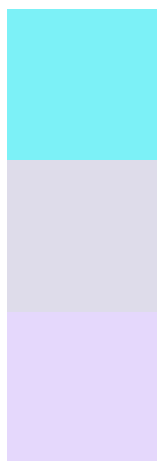


This preview shows how white text looks on a background with the Yxy color 73.9111, 0.2462, 0.3217.

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

73.9111, 0.2462, 0.3217

Protanopia

72.6565, 0.3050, 0.3140

Deuteranopia

72.7980, 0.2984, 0.2918



Tritanopia

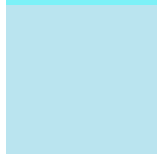
73.4511, 0.2488, 0.3081

Trichromacy



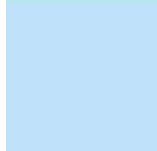
Original Color

73.9111, 0.2462, 0.3217



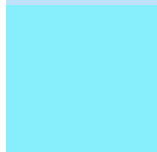
Protanomaly

72.1579, 0.2789, 0.3165



Deuteranomaly

71.8289, 0.2755, 0.3014



Tritanomaly

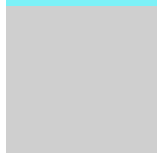
73.3282, 0.2478, 0.3125

Monochromacy



Original Color

73.9111, 0.2462, 0.3217



Achromatopsia

62.3960, 0.3127, 0.3290



Achromatomaly

65.2841, 0.2823, 0.3254

CSS Examples

Text

The CSS property to change the color of the text to Yxy 73.9111, 0.2462, 0.3217 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(124, 241, 247)` looks like.

```
.text, #text, p{  
    color:rgb(124, 241, 247)  
}
```

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(124, 241, 247) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(124, 241, 247) }
```

Border

The CSS property to change the border of an element to Yxy 73.9111, 0.2462, 0.3217 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(124, 241, 247) }
```

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

```
.border{ border-color:rgb(124, 241, 247) }
```

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

Here you see how a box with a 4 pixel `rgb(124, 241, 247)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(124, 241, 247); -webkit-box-shadow:4px 4px 4px 4px rgb(124, 241, 247); box-shadow:4px 4px 4px 4px rgb(124, 241, 247) }
```


Background

The CSS property to change the background color of an element to Yxy 73.9111, 0.2462, 0.3217 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(124, 241, 247) }
```

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

```
.background{ background-color: rgb(124,  
241, 247) }
```

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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