

Converting Colors

$Yxy(72.0653, 0.2560, 0.3288)$

Have a look what the booklet for
Yxy(72.0653, 0.2560, 0.3288)
contains.

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Color

Yxy(72.1718, 0.2561, 0.3288)

Conversions

Conversions Part 1

Format	Color
Hex	8BEDED
RGB	139, 237, 237
RGB Percent	55%, 93%, 93%
CMY	0.4551, 0.0705, 0.0704
CMYK	0.41, 0.00, 0.00, 0.07
HSL	180°, 73%, 74%
HSV	180°, 41%, 93%
XYZ	56.2141, 72.1718, 91.1147
YIQ	207.6980, -58.4080, -20.7760

Conversions

Conversions Part 2

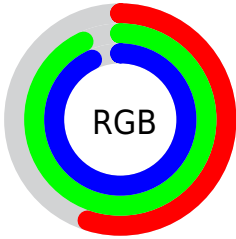
Format	Color
RYB	139, 188, 237
Decimal	9170413
CIELab	88.05, -28.80, -9.07
CIELCh	88, 30.191, 197.483
Yxy	72.1718, 0.2561, 0.3288
Android (android.graphics.Color)	4287360493 (0xFF8BEDED)
YUV	207.6980, 14.4459, -60.2481
Hunter-Lab	84.9540, -30.5559, -4.1218

Details

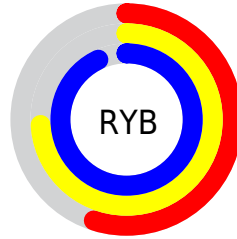
The Yxy color **72.1718, 0.2561, 0.3288** is a light color, and the websafe version is hex **99FFFF**. A complement of this color would be **38.3293, 0.4195, 0.3293**, and the grayscale version is **62.7983, 0.3127, 0.3290**.

A 20% lighter version of the original color is **90.6103, 0.2789, 0.3289**, and **38.1333, 0.2436, 0.3288** is the 20% darker color. If you saturate the color by 10%, you get **70.3480, 0.2462, 0.3288**, and if you desaturate by 10%, it is **74.4435, 0.2677, 0.3288**.

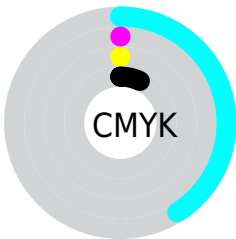
Distribution



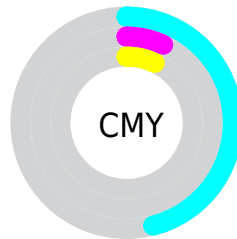
- Red (55%)
- Green (93%)
- Blue (93%)



- Red (55%)
- Yellow (74%)
- Blue (93%)



- Cyan (41%)
- Magenta (0%)
- Yellow (0%)
- Black (7%)





- Cyan (46%)
- Magenta (7%)
- Yellow (7%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 72.1718, 0.2561, 0.3288 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 72.1718, 0.2561, 0.3288 by changing the saturation by 10% instead.


 72.1718, 0.2561,
0.3288


 72.1718, 0.2561,
0.3288


468.1394, 0.2819,
0.3294

 53.2990, 0.2503,
0.3285


 122.3008, 0.2650,
0.3291

 38.0415, 0.2433,
0.3281


 154.3257, 0.2684,
0.3292

 26.0149, 0.2344,
0.3275


191.5036, 0.2714,
0.3293

 16.8348, 0.2230,
0.3265

234.2186, 0.2740,
0.3293

 10.1168, 0.2078,
0.3248

282.8554, 0.2764,
0.3294

 5.4765, 0.1867,
0.3218

337.7981, 0.2784,

 2.5294, 0.1558,

0.3294

399.4313, 0.2802,
0.3294

0.3155

0.8913, 0.0516,
0.3192

0.0000, 0.0000,
0.0000

72.1718, 0.2561,
0.3288

72.1718, 0.2561,
0.3288

70.3480, 0.2462,
0.3288

74.4435, 0.2677,
0.3288

68.9348, 0.2382,
0.3287

77.1808, 0.2809,
0.3289


67.9026, 0.2321,
0.3287

80.4110, 0.2953,
0.3289

67.2144, 0.2280,
0.3287

84.1565, 0.3105,
0.3290


 66.8256, 0.2256,
0.3287


 87.9688, 0.3248,
0.3290

 66.6693, 0.2246,
0.3287

 87.9724, 0.3248,
0.3290

 87.9760, 0.3248,
0.3291

 87.9797, 0.3248,
0.3291

 87.9833, 0.3248,
0.3291

Harmonies

Analogous

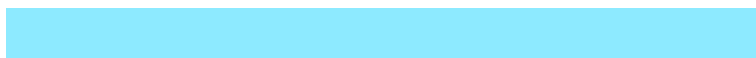
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



72.1718, 0.2820, 0.3638



72.1718, 0.2561, 0.3288



72.1718, 0.2451, 0.2965

Triad

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



72.1718, 0.2561, 0.3288



72.1718, 0.3050, 0.2775



72.1718, 0.3777, 0.3805

Complementary

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



72.1718, 0.2561, 0.3288



38.3293, 0.4195, 0.3293

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.



72.1718, 0.3854, 0.3549



72.1718, 0.2561, 0.3288



72.1718, 0.3421, 0.2974

Square

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



72.1718, 0.2561, 0.3288



72.1718, 0.2720, 0.2695



72.1718, 0.3722, 0.3249



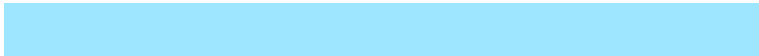
72.1718, 0.3522, 0.3940

Rectangle

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



72.1718, 0.2561, 0.3288



72.1718, 0.2470, 0.2810



72.1718, 0.3722, 0.3249



72.1718, 0.3825, 0.3729

Sweetspot

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



72.1746, 0.2561, 0.3288



94.6461, 0.2943, 0.3289



67.9356, 0.3067, 0.4571



20.1450, 0.2923, 0.3289



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.



72.1746, 0.2561, 0.3288



83.2690, 0.2473, 0.3288



47.5624, 0.2460, 0.2665



17.1212, 0.2981, 0.3290



36.3868, 0.2246, 0.3287



2.8575, 0.2246, 0.3287

Inverse Universe

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



42.5744, 0.3175, 0.2274



43.7860, 0.3184, 0.2083



55.8350, 0.3955, 0.3836



15.3137, 0.3138, 0.3058



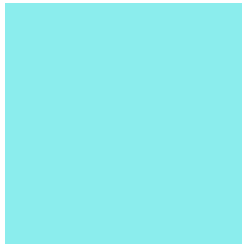
13.1661, 0.3210, 0.1542



1.0339, 0.3210, 0.1542

Previews

White Background



This preview shows how the Yxy color 72.1718, 0.2561, 0.3288 looks on a white background.

Color Contrast Check

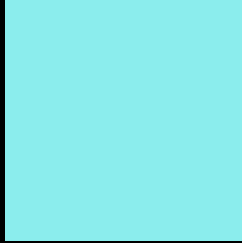
Large Text (above 18pt) WCAG AA × Fail

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 72.1718, 0.2561, 0.3288 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

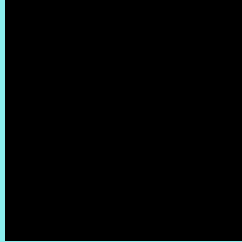
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 72.1718, 0.2561, 0.3288

Background



This preview shows how black text looks on a background with the Yxy color 72.1718, 0.2561, 0.3288.

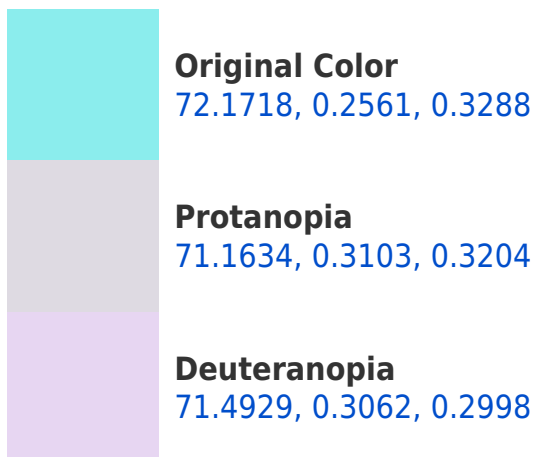


This preview shows how white text looks on a background with the Yxy color 72.1718, 0.2561, 0.3288.

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

71.8668, 0.2504, 0.3068

Trichromacy



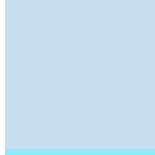
Original Color

72.1718, 0.2561, 0.3288



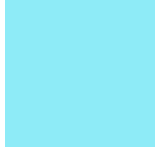
Protanomaly

70.7701, 0.2875, 0.3233



Deuteranomaly

70.5396, 0.2853, 0.3090



Tritanomaly

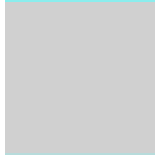
71.8828, 0.2525, 0.3148

Monochromacy



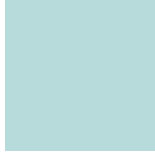
Original Color

72.1718, 0.2561, 0.3288



Achromatopsia

63.0757, 0.3127, 0.3290



Achromatomaly

65.8448, 0.2880, 0.3289

CSS Examples

Text

The CSS property to change the color of the text to Yxy 72.1718, 0.2561, 0.3288 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(139, 237, 237)` looks like.

```
.text, #text, p{  
    color:rgb(139, 237, 237)  
}
```

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(139, 237, 237) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(139, 237, 237) }
```

Border

The CSS property to change the border of an element to Yxy 72.1718, 0.2561, 0.3288 is called "border". The border property can be set on classes, ids or directly on the HTML element.

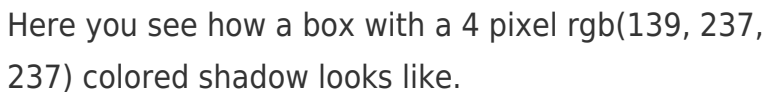
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(139, 237, 237) }
```

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

```
.border{ border-color:rgb(139, 237, 237) }
```

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



Here you see how a box with a 4 pixel `rgb(139, 237, 237)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(139, 237, 237); -webkit-box-shadow:4px 4px 4px 4px rgb(139, 237, 237); box-shadow:4px 4px 4px 4px rgb(139, 237, 237) }
```


Background

The CSS property to change the background color of an element to Yxy 72.1718, 0.2561, 0.3288 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(139, 237, 237) }
```

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

```
.background{ background-color: rgb(139,  
237, 237) }
```

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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