

Converting Colors

$Y_{xy}(72.1012, 0.2569, 0.3289)$

Have a look what the booklet for
Yxy(72.1012, 0.2569, 0.3289)
contains.

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Color

Yxy(72.2582, 0.2566, 0.3288)

Conversions

Conversions Part 1

| Format | Color |
|-------------|------------------------------|
| Hex | 8CEDED |
| RGB | 140, 237, 237 |
| RGB Percent | 55%, 93%, 93% |
| CMY | 0.4509, 0.0706, 0.0705 |
| CMYK | 0.41, 0.00, 0.00, 0.07 |
| HSL | 180°, 73%, 74% |
| HSV | 180°, 41%, 93% |
| XYZ | 56.3913, 72.2582, 91.1139 |
| YIQ | 207.9970, -57.8120, -20.5640 |

Conversions

Conversions Part 2

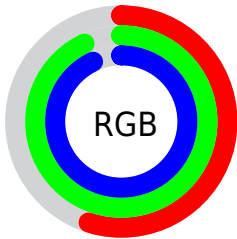
| Format | Color |
|-------------------------------------|--------------------------------|
| R _{YB} | 140, 189, 237 |
| Decimal | 9235949 |
| CIE Lab | 88.09, -28.54, -9.00 |
| CIE LCh | 88, 29.920, 197.502 |
| Yxy | 72.2582, 0.2566, 0.3288 |
| Android (android.graphics.Color) | 4287426029 (0xFF8CEDED) |
| YUV | 207.9970, 14.2985, -59.6334 |
| Hunter-Lab | 85.0048, -30.3435, -4.0476 |

Details

The Yxy color **72.2582, 0.2566, 0.3288** is a light color, and the websafe version is hex **99FFFF**. A complement of this color would be **38.6758, 0.4177, 0.3293**, and the grayscale version is **63.0145, 0.3127, 0.3290**.

A 20% lighter version of the original color is **90.7458, 0.2794, 0.3289**, and **38.1778, 0.2441, 0.3288** is the 20% darker color. If you saturate the color by 10%, you get **70.4146, 0.2466, 0.3288**, and if you desaturate by 10%, it is **74.5509, 0.2683, 0.3288**.

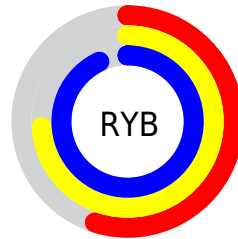
Distribution



Red (55%)

Green (93%)

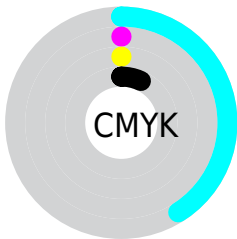
Blue (93%)



Red (55%)

Yellow (74%)

Blue (93%)

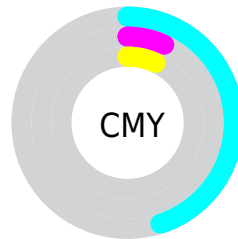


Cyan (41%)

Magenta (0%)

Yellow (0%)

Black (7%)



Cyan (45%)


Magenta (7%)

Yellow (7%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 72.2582, 0.2566, 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 72.2582, 0.2566, 0.3288 by changing the saturation by 10% instead.

 72.2582, 0.2566,
0.3288


 72.2582, 0.2566,
0.3288


468.4398, 0.2822,
0.3294

 53.3696, 0.2509,
0.3285


 122.4236, 0.2654,
0.3291

 38.0979, 0.2439,
0.3281


 154.4691, 0.2688,
0.3292

 26.0587, 0.2351,
0.3275


191.6691, 0.2718,
0.3293

 16.8676, 0.2238,
0.3265

234.4080, 0.2744,
0.3293

 10.1401, 0.2087,
0.3249

283.0701, 0.2767,
0.3294

 5.4920, 0.1878,
0.3219

338.0398, 0.2787,

 2.5387, 0.1571,

0.3294

399.7016, 0.2805,
0.3294

0.3158

0.8959, 0.0552,
0.3191

0.0000, 0.0000,
0.0000

72.2582, 0.2566,
0.3288

72.2582, 0.2566,
0.3288

70.4146, 0.2466,
0.3288

74.5509, 0.2683,
0.3288

68.9829, 0.2385,
0.3287


77.3104, 0.2815,
0.3289

67.9338, 0.2323,
0.3287

80.5637, 0.2959,
0.3289

67.2305, 0.2281,
0.3287


84.3333, 0.3113,
0.3290


 66.8289, 0.2257,
0.3287

 87.9624, 0.3248,
0.3290

 66.6603, 0.2246,
0.3287

 87.9662, 0.3248,
0.3290

 87.9701, 0.3248,
0.3291

 87.9739, 0.3248,
0.3291

 87.9778, 0.3248,
0.3291

Harmonies

Analogous

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



72.2582, 0.2822, 0.3634



72.2582, 0.2566, 0.3288



72.2582, 0.2457, 0.2968

Triad

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



72.2582, 0.2566, 0.3288



72.2582, 0.3051, 0.2780



72.2582, 0.3771, 0.3801

Complementary

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



72.2582, 0.2566, 0.3288



38.6758, 0.4177, 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.



72.2582, 0.3848, 0.3547



72.2582, 0.2566, 0.3288



72.2582, 0.3419, 0.2977

Square

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



72.2582, 0.2566, 0.3288



72.2582, 0.2724, 0.2700



72.2582, 0.3717, 0.3250



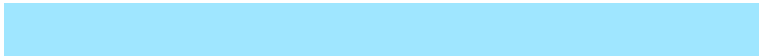
72.2582, 0.3518, 0.3934

Rectangle

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



72.2582, 0.2566, 0.3288



72.2582, 0.2476, 0.2815



72.2582, 0.3717, 0.3250



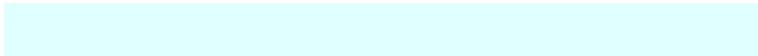
72.2582, 0.3819, 0.3725

Sweetspot

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



72.2610, 0.2566, 0.3288



94.6458, 0.2943, 0.3289



68.0552, 0.3068, 0.4554



20.1449, 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.



72.2610, 0.2566, 0.3288



83.4674, 0.2482, 0.3288



47.8859, 0.2468, 0.2673



17.1211, 0.2981, 0.3290



36.3856, 0.2246, 0.3287



2.8574, 0.2246, 0.3287

Inverse Universe

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



42.8878, 0.3175, 0.2284



44.4563, 0.3183, 0.2104



56.0952, 0.3944, 0.3830



15.3137, 0.3138, 0.3058



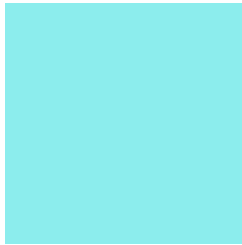
13.1660, 0.3210, 0.1542



1.0339, 0.3210, 0.1542

Previews

White Background



This preview shows how the Yxy color 72.2582, 0.2566, 0.3288 looks on a white background.

Color Contrast Check

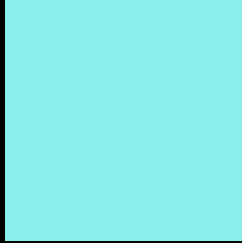
Large Text (above 18pt) WCAG AA × Fail

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 72.2582, 0.2566, 0.3288 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

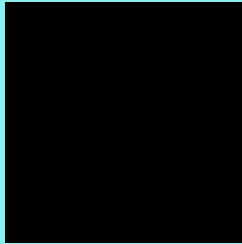
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 72.2582, 0.2566, 0.3288

Background



This preview shows how black text looks on a background with the Yxy color 72.2582, 0.2566, 0.3288.

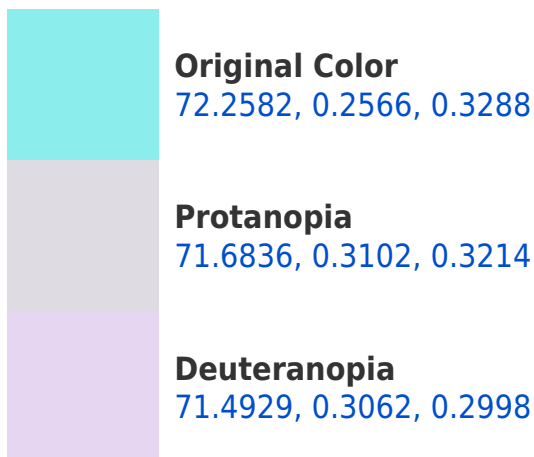


This preview shows how white text looks on a background with the Yxy color 72.2582, 0.2566, 0.3288.

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

71.9572, 0.2509, 0.3068

Trichromacy



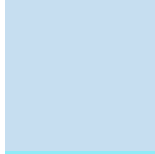
Original Color

72.2582, 0.2566, 0.3288



Protanomaly

71.3124, 0.2876, 0.3244



Deuteranomaly

70.5396, 0.2853, 0.3090



Tritanomaly

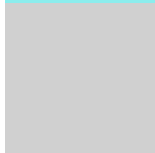
71.9717, 0.2529, 0.3148

Monochromacy



Original Color

72.2582, 0.2566, 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 72.2582, 0.2566, 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(140, 237, 237)` looks like.

```
.text, #text, p{  
    color:rgb(140, 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(140, 237, 237) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(140, 237, 237) }
```

Border

The CSS property to change the border of an element to Yxy 72.2582, 0.2566, 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(140, 237, 237) }
```

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

```
.border{ border-color:rgb(140, 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(140, 237, 237) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(140, 237, 237); -webkit-box-  
shadow:4px 4px 4px 4px rgb(140, 237, 237);  
box-shadow:4px 4px 4px 4px rgb(140, 237,  
237) }
```


Background

The CSS property to change the background color of an element to Yxy 72.2582, 0.2566, 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(140, 237, 237) }
```

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

```
.background{ background-color: rgb(140,  
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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