

Converting Colors

$Yxy(69.3048, 0.2481, 0.3267)$

Have a look what the booklet for
Yxy(69.3048, 0.2481, 0.3267)
contains.

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Color

Yxy(69.5377, 0.2484, 0.3276)

Conversions

Conversions Part 1

Format	Color
Hex	79EBEC
RGB	121, 235, 236
RGB Percent	47%, 92%, 93%
CMY	0.5257, 0.0784, 0.0745
CMYK	0.49, 0.00, 0.00, 0.07
HSL	181°, 75%, 70%
HSV	181°, 49%, 93%
XYZ	52.7264, 69.5377, 90.0000
YIQ	201.0280, -68.2650, -23.8570

Conversions

Conversions Part 2

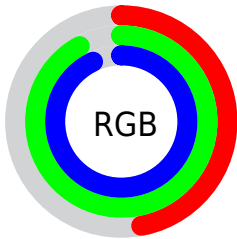
Format	Color
RYB	121, 178, 236
Decimal	7990252
CIELab	86.77, -32.14, -10.51
CIELCh	87, 33.813, 198.106
Yxy	69.5377, 0.2484, 0.3276
Android (android.graphics.Color)	4286180332 (0xFF79EBEC)
YUV	201.0280, 17.2412, -70.1846
Hunter-Lab	83.3893, -33.0671, -5.6177

Details

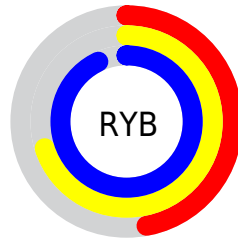
The Yxy color **69.5377, 0.2484, 0.3276** is a light color, and the websafe version is hex **99FFFF**. A complement of this color would be **33.1121, 0.4490, 0.3305**, and the grayscale version is **58.3413, 0.3127, 0.3290**.

A 20% lighter version of the original color is **88.5638, 0.2706, 0.3289**, and **36.4053, 0.2340, 0.3271** is the 20% darker color. If you saturate the color by 10%, you get **67.9239, 0.2398, 0.3273**, and if you desaturate by 10%, it is **71.5739, 0.2589, 0.3279**.

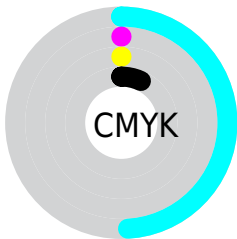
Distribution



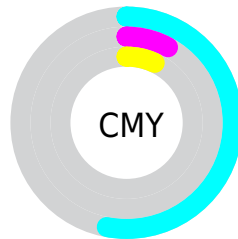
- Red (47%)
- Green (92%)
- Blue (93%)



- Red (47%)
- Yellow (70%)
- Blue (93%)



- Cyan (49%)
- Magenta (0%)
- Yellow (0%)
- Black (7%)




- Cyan (53%)
- Magenta (8%)
- Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 69.5377, 0.2484, 0.3276 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 69.5377, 0.2484, 0.3276 by changing the saturation by 10% instead.

 69.5377, 0.2484,
0.3276


 69.5377, 0.2484,
0.3276


458.9251, 0.2778,
0.3290

 51.1497, 0.2418,
0.3271


 118.5492, 0.2585,
0.3282

 36.3278, 0.2337,
0.3264


 149.9416, 0.2625,
0.3284

 24.6875, 0.2236,
0.3254


 186.4376, 0.2659,
0.3286

 15.8444, 0.2106,
0.3238

228.4215, 0.2689,
0.3287

 9.4141, 0.1933,
0.3212

276.2779, 0.2715,
0.3288

 5.0122, 0.1694,
0.3166

330.3910, 0.2738,

 2.2544, 0.1346,

0.3289

0.3073

391.1453, 0.2759,
0.3289

0.7494, 0.0000,
0.3088

0.0000, 0.0000,
0.0000

69.5377, 0.2484,
0.3276

69.5377, 0.2484,
0.3276

67.9239, 0.2398,
0.3273

71.5739, 0.2589,
0.3279

66.6935, 0.2331,
0.3270


74.0523, 0.2710,
0.3282


65.8139, 0.2283,
0.3267


77.0010, 0.2845,
0.3285

65.2434, 0.2254,
0.3264

80.4436, 0.2992,
0.3288

 64.9201, 0.2241,
0.3261


 84.4019, 0.3147,
0.3290

 64.8868, 0.2239,
0.3261

 87.4394, 0.3255,
0.3293

 87.5564, 0.3255,
0.3295

 87.6735, 0.3255,
0.3297

 87.7907, 0.3255,
0.3299

Harmonies

Analogous

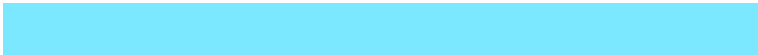
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



69.5377, 0.2770, 0.3679



69.5377, 0.2484, 0.3276



69.5377, 0.2366, 0.2912

Triad

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



69.5377, 0.2484, 0.3276



69.5377, 0.3047, 0.2716



69.5377, 0.3858, 0.3873

Complementary

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



69.5377, 0.2484, 0.3276



33.1121, 0.4490, 0.3305

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.



69.5377, 0.3953, 0.3583



69.5377, 0.2484, 0.3276



69.5377, 0.3468, 0.2939

Square

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



69.5377, 0.2484, 0.3276



69.5377, 0.2673, 0.2621



69.5377, 0.3809, 0.3248



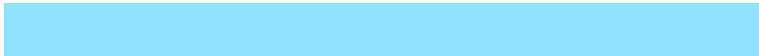
69.5377, 0.3564, 0.4029

Rectangle

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



69.5377, 0.2484, 0.3276



69.5377, 0.2390, 0.2742



69.5377, 0.3809, 0.3248



69.5377, 0.3915, 0.3787

Sweetspot

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



69.5404, 0.2484, 0.3276



93.2439, 0.2898, 0.3286



65.4308, 0.3055, 0.4837



19.7785, 0.2868, 0.3285



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.



69.5404, 0.2484, 0.3276



80.8940, 0.2394, 0.3273



42.1437, 0.2343, 0.2529



17.0984, 0.2981, 0.3288



35.7769, 0.2239, 0.3261



2.8165, 0.2240, 0.3265

Inverse Universe

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



37.4908, 0.3191, 0.2121



38.4087, 0.3204, 0.1920



51.2393, 0.4145, 0.3929



15.3114, 0.3139, 0.3060



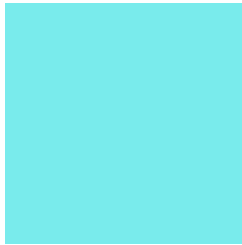
13.1045, 0.3231, 0.1553



1.0297, 0.3227, 0.1552

Previews

White Background



This preview shows how the Yxy color 69.5377, 0.2484, 0.3276 looks on a white background.

Color Contrast Check

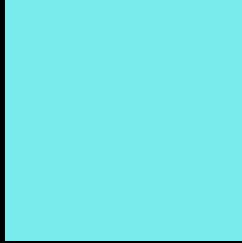
Large Text (above 18pt) WCAG AA × Fail

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 69.5377, 0.2484, 0.3276 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

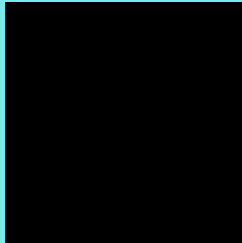
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 69.5377, 0.2484, 0.3276

Background



This preview shows how black text looks on a background with the Yxy color 69.5377, 0.2484, 0.3276.

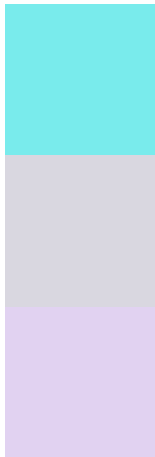


This preview shows how white text looks on a background with the Yxy color 69.5377, 0.2484, 0.3276.

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

69.5377, 0.2484, 0.3276

Protanopia

68.7344, 0.3081, 0.3191

Deuteranopia

68.4516, 0.3027, 0.2961



Tritanopia

69.6785, 0.2434, 0.3074

Trichromacy



Original Color

69.5377, 0.2484, 0.3276



Protanomaly

67.7891, 0.2822, 0.3220



Deuteranomaly

67.4598, 0.2787, 0.3062



Tritanomaly

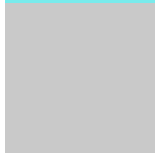
69.7845, 0.2450, 0.3144

Monochromacy



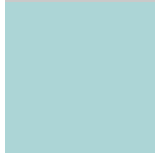
Original Color

69.5377, 0.2484, 0.3276



Achromatopsia

58.4078, 0.3127, 0.3290



Achromatomaly

61.2142, 0.2834, 0.3277

CSS Examples

Text

The CSS property to change the color of the text to Yxy 69.5377, 0.2484, 0.3276 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(121, 235, 236)` looks like.

```
.text, #text, p{  
    color:rgb(121, 235, 236)  
}
```

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(121, 235, 236) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(121, 235, 236) }
```

Border

The CSS property to change the border of an element to Yxy 69.5377, 0.2484, 0.3276 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(121, 235, 236) }
```

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

```
.border{ border-color:rgb(121, 235, 236) }
```

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

Here you see how a box with a 4 pixel rgb(121, 235, 236) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(121, 235, 236); -webkit-box-  
shadow:4px 4px 4px 4px rgb(121, 235, 236);  
box-shadow:4px 4px 4px 4px rgb(121, 235,  
236) }
```


Background

The CSS property to change the background color of an element to Yxy 69.5377, 0.2484, 0.3276 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(121, 235, 236) }
```

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

```
.background{ background-color: rgb(121,  
235, 236) }
```

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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