

Converting Colors

$Yxy(72.4853, 0.2560, 0.3483)$

Have a look what the booklet for
Yxy(72.4853, 0.2560, 0.3483)
contains.

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Color

Yxy(72.6319, 0.2560, 0.3485)

Conversions

Conversions Part 1

Format	Color
Hex	7CF1E1
RGB	124, 241, 225
RGB Percent	49%, 95%, 88%
CMY	0.5138, 0.0549, 0.1177
CMYK	0.49, 0.00, 0.07, 0.05
HSL	172°, 81%, 72%
HSV	172°, 49%, 95%
XYZ	53.3537, 72.6319, 82.4273
YIQ	204.1930, -64.5960, -29.7800

Conversions

Conversions Part 2

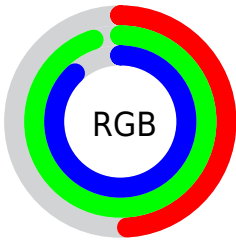
Format	Color
RYB	124, 187, 241
Decimal	8188385
CIELab	88.27, -36.99, -2.50
CIElCh	88, 37.075, 183.864
Yxy	72.6319, 0.2560, 0.3485
Android (android.graphics.Color)	4286378465 (0xFF7CF1E1)
YUV	204.1930, 10.2579, -70.3293
Hunter-Lab	85.2244, -37.3948, 2.3129

Details

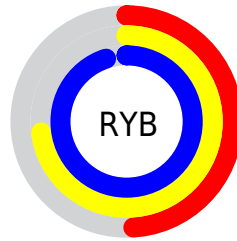
The Yxy color **72.6319, 0.2560, 0.3485** is a light color, and the websafe version is hex **66FFFF**. A complement of this color would be **35.0073, 0.4295, 0.3119**, and the grayscale version is **60.4746, 0.3127, 0.3290**.

A 20% lighter version of the original color is **88.8073, 0.2716, 0.3289**, and **38.1754, 0.2426, 0.3518** is the 20% darker color. If you saturate the color by 10%, you get **70.8751, 0.2484, 0.3532**, and if you desaturate by 10%, it is **74.8366, 0.2653, 0.3440**.

Distribution



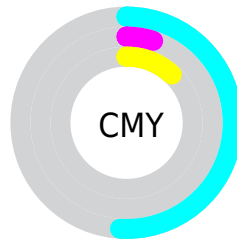
- Red (49%)
- Green (95%)
- Blue (88%)



- Red (49%)
- Yellow (73%)
- Blue (95%)



- Cyan (49%)
- Magenta (0%)
- Yellow (7%)
- Black (5%)





- Cyan (51%)
- Magenta (5%)
- Yellow (12%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 72.6319, 0.2560, 0.3485 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 72.6319, 0.2560, 0.3485 by changing the saturation by 10% instead.


 72.6319, 0.2560,
0.3485


 72.6319, 0.2560,
0.3485


469.7380, 0.2820,
0.3397


 53.6750, 0.2501,
0.3504


 122.9545, 0.2650,
0.3455

 38.3419, 0.2429,
0.3528


 155.0890, 0.2685,
0.3443

 26.2482, 0.2339,
0.3557


 192.3849, 0.2715,
0.3433

 17.0094, 0.2222,
0.3594

235.2265, 0.2741,
0.3424

 10.2412, 0.2066,
0.3642

283.9982, 0.2764,
0.3416

 5.5592, 0.1846,
0.3707


339.0844, 0.2785,

 2.5789, 0.1520,


0.3409


0.3798


400.8696, 0.2803,
0.3403

 0.9161, 0.0000,
0.4356


 0.0000, 0.0000,
0.0000


 72.6319, 0.2560,
0.3485

 72.6319, 0.2560,
0.3485

 70.8751, 0.2484,
0.3532


 74.8366, 0.2653,
0.3440


 69.5251, 0.2427,
0.3580


 77.5098, 0.2762,
0.3397


 68.5477, 0.2390,
0.3629


 80.6813, 0.2882,
0.3356


 67.8990, 0.2371,
0.3678


 84.3757, 0.3011,
0.3319


 67.5157, 0.2370,
0.3726


 88.6161, 0.3147,
0.3285

 67.4698, 0.2370,
0.3733

 90.7551, 0.3196,
0.3254

 90.9583, 0.3176,
0.3222

 91.1651, 0.3155,
0.3190

 91.3755, 0.3135,
0.3159

Harmonies

Analogous

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



72.6319, 0.2933, 0.3887



72.6319, 0.2560, 0.3485



72.6319, 0.2344, 0.3051

Triad

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



72.6319, 0.2560, 0.3485



72.6319, 0.2835, 0.2606



72.6319, 0.3997, 0.3778

Complementary

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



72.6319, 0.2560, 0.3485



35.0073, 0.4295, 0.3119

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.



72.6319, 0.3978, 0.3431



72.6319, 0.2560, 0.3485



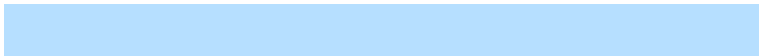
72.6319, 0.3279, 0.2785

Square

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



72.6319, 0.2560, 0.3485



72.6319, 0.2494, 0.2581



72.6319, 0.3709, 0.3078



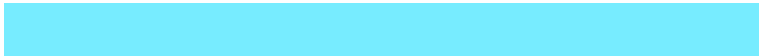
72.6319, 0.3769, 0.4032

Rectangle

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



72.6319, 0.2560, 0.3485



72.6319, 0.2307, 0.2819



72.6319, 0.3709, 0.3078



72.6319, 0.4020, 0.3668

Sweetspot

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



72.6348, 0.2560, 0.3485



93.1206, 0.2926, 0.3343



70.0804, 0.3154, 0.4787



19.7486, 0.2899, 0.3351



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.



72.6348, 0.2560, 0.3485



80.6354, 0.2487, 0.3530



51.9669, 0.2390, 0.2768



17.8895, 0.2999, 0.3322



36.5994, 0.2368, 0.3725



3.0549, 0.2350, 0.3661

Inverse Universe

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



35.0073, 0.4295, 0.3119



33.3378, 0.4677, 0.3096



47.0466, 0.4244, 0.3742



15.7941, 0.3272, 0.3258



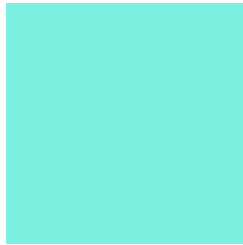
10.2118, 0.6220, 0.3200



0.8605, 0.5916, 0.3033

Previews

White Background



This preview shows how the Yxy color 72.6319, 0.2560, 0.3485 looks on a white background.

Color Contrast Check

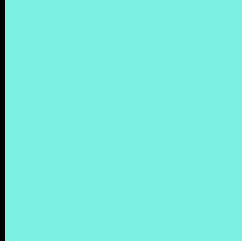
Large Text (above 18pt) WCAG AA × Fail

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 72.6319, 0.2560, 0.3485 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

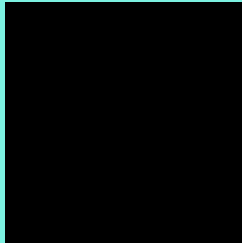
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

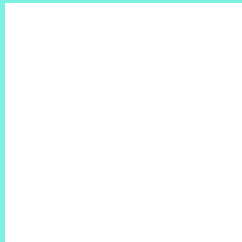
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 72.6319, 0.2560, 0.3485

Background



This preview shows how black text looks on a background with the Yxy color 72.6319, 0.2560, 0.3485.

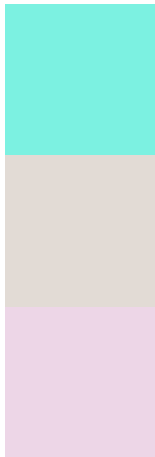


This preview shows how white text looks on a background with the Yxy color 72.6319, 0.2560, 0.3485.

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

72.6319, 0.2560, 0.3485

Protanopia

71.6359, 0.3218, 0.3355

Deuteranopia

71.8672, 0.3179, 0.3113



Tritanopia

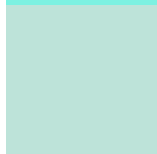
72.4451, 0.2464, 0.3068

Trichromacy



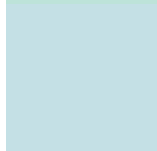
Original Color

72.6319, 0.2560, 0.3485



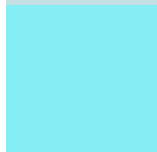
Protanomaly

70.7667, 0.2934, 0.3405



Deuteranomaly

70.7042, 0.2907, 0.3233



Tritanomaly

72.5863, 0.2501, 0.3217

Monochromacy



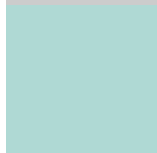
Original Color

72.6319, 0.2560, 0.3485



Achromatopsia

60.3827, 0.3127, 0.3290



Achromatomaly

63.4931, 0.2869, 0.3350

CSS Examples

Text

The CSS property to change the color of the text to Yxy 72.6319, 0.2560, 0.3485 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, 225)` looks like.

```
.text, #text, p{  
    color:rgb(124, 241, 225)  
}
```

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, 225) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(124, 241, 225) }
```

Border

The CSS property to change the border of an element to Yxy 72.6319, 0.2560, 0.3485 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, 225) }
```

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

```
.border{ border-color:rgb(124, 241, 225) }
```

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, 225)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(124, 241, 225); -webkit-box-  
shadow:4px 4px 4px 4px rgb(124, 241, 225);  
box-shadow:4px 4px 4px 4px rgb(124, 241,  
225) }
```


Background

The CSS property to change the background color of an element to Yxy 72.6319, 0.2560, 0.3485 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, 225) }
```

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

```
.background{ background-color: rgb(124,  
241, 225) }
```

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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