

Converting Colors

$Yxy(72.6370, 0.2526, 0.3431)$

Have a look what the booklet for
Yxy(72.6370, 0.2526, 0.3431)
contains.

Yxy(72.6327, 0.2529, 0.3435)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(72.6327, 0.2529, 0.3435)

Conversions

Conversions Part 1

Format	Color
Hex	79F1E5
RGB	121, 241, 229
RGB Percent	47%, 95%, 90%
CMY	0.5258, 0.0548, 0.1019
CMYK	0.50, 0.00, 0.05, 0.05
HSL	174°, 81%, 71%
HSV	174°, 50%, 95%
XYZ	53.4754, 72.6327, 85.3408
YIQ	203.7520, -67.6680, -29.1720

Conversions

Conversions Part 2

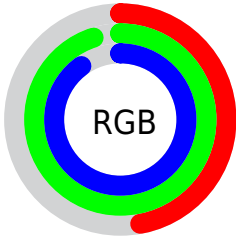
Format	Color
R_{YB}	121, 184, 241
Decimal	7991781
CIE _{Lab}	88.27, -36.68, -4.62
CIE _{LCh}	88, 36.969, 187.180
Yxy	72.6327, 0.2529, 0.3435
Android (android.graphics.Color)	4286181861 (0xFF79F1E5)
YUV	203.7520, 12.4473, -72.5735
Hunter-Lab	85.2248, -37.1413, 0.2867

Details

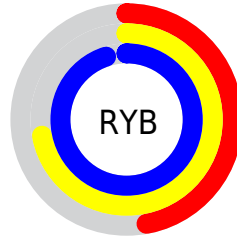
The Yxy color **72.6327, 0.2529, 0.3435** is a light color, and the websafe version is hex **66FFFF**. A complement of this color would be **34.0478, 0.4398, 0.3164**, and the grayscale version is **60.1596, 0.3127, 0.3290**.

A 20% lighter version of the original color is **88.5638, 0.2706, 0.3289**, and **38.2068, 0.2391, 0.3451** is the 20% darker color. If you saturate the color by 10%, you get **70.9743, 0.2453, 0.3469**, and if you desaturate by 10%, it is **74.7334, 0.2623, 0.3402**.

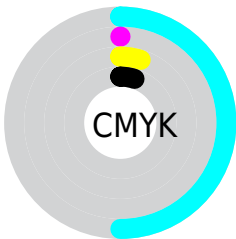
Distribution



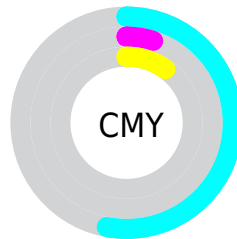
- Red (47%)
- Green (95%)
- Blue (90%)



- Red (47%)
- Yellow (72%)
- Blue (95%)



- Cyan (50%)
- Magenta (0%)
- Yellow (5%)
- Black (5%)




- Cyan (53%)
- Magenta (5%)
- Yellow (10%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 72.6327, 0.2529, 0.3435 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 72.6327, 0.2529, 0.3435 by changing the saturation by 10% instead.


 72.6327, 0.2529,
0.3435


 72.6327, 0.2529,
0.3435


469.7408, 0.2802,
0.3372

 53.6757, 0.2468,
0.3448

 122.9556, 0.2623,
0.3414

 38.3424, 0.2392,
0.3464


 155.0903, 0.2660,
0.3406

 26.2486, 0.2298,
0.3483


 192.3864, 0.2691,
0.3398

 17.0097, 0.2177,
0.3507

235.2282, 0.2719,
0.3392

 10.2414, 0.2015,
0.3536

284.0002, 0.2744,
0.3386

 5.5593, 0.1789,
0.3572


339.0867, 0.2765,

 2.5790, 0.1458,


0.3381

0.3612

400.8721, 0.2785,
0.3376

 0.9161, 0.0000,
0.4015


 0.0000, 0.0000,
0.0000


 72.6327, 0.2529,
0.3435


 72.6327, 0.2529,
0.3435

 70.9743, 0.2453,
0.3469


 74.7334, 0.2623,
0.3402


 69.7167, 0.2395,
0.3503


 77.2975, 0.2733,
0.3371

 68.8250, 0.2358,
0.3538

 80.3549, 0.2856,
0.3342

 68.2541, 0.2339,
0.3573


 83.9305, 0.2989,
0.3314


 67.9301, 0.2335,
0.3607


 88.0477, 0.3130,
0.3290

 67.9254, 0.2335,
0.3607

 90.6778, 0.3204,
0.3266

 90.8246, 0.3189,
0.3243

 90.9733, 0.3174,
0.3220

 91.1240, 0.3160,
0.3197

Harmonies

Analogous

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



72.6327, 0.2887, 0.3848



72.6327, 0.2529, 0.3435



72.6327, 0.2334, 0.3009

Triad

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



72.6327, 0.2529, 0.3435



72.6327, 0.2881, 0.2621



72.6327, 0.3980, 0.3811

Complementary

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



72.6327, 0.2529, 0.3435



34.0478, 0.4398, 0.3164

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.



72.6327, 0.3991, 0.3471



72.6327, 0.2529, 0.3435



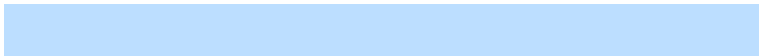
72.6327, 0.3330, 0.2814

Square

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



72.6327, 0.2529, 0.3435



72.6327, 0.2526, 0.2577



72.6327, 0.3747, 0.3116



72.6327, 0.3730, 0.4048

Rectangle

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



72.6327, 0.2529, 0.3435



72.6327, 0.2312, 0.2789



72.6327, 0.3747, 0.3116



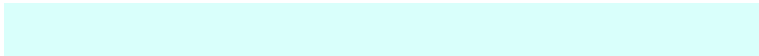
72.6327, 0.4013, 0.3704

Sweetspot

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



72.6355, 0.2529, 0.3435



93.2098, 0.2919, 0.3328



69.2774, 0.3118, 0.4847



19.7703, 0.2891, 0.3334



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.



72.6355, 0.2529, 0.3435



80.6192, 0.2450, 0.3470



48.5386, 0.2356, 0.2671



17.9002, 0.2994, 0.3314



36.8411, 0.2334, 0.3602



3.0726, 0.2321, 0.3556

Inverse Universe

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



34.0478, 0.4398, 0.3164



32.0538, 0.4836, 0.3149



48.4401, 0.4247, 0.3817



15.7845, 0.3278, 0.3267



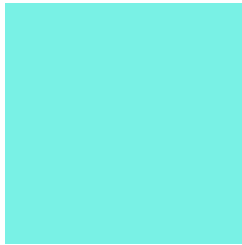
10.1858, 0.6285, 0.3236



0.8559, 0.6038, 0.3100

Previews

White Background



This preview shows how the Yxy color 72.6327, 0.2529, 0.3435 looks on a white background.

Color Contrast Check

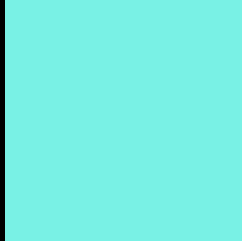
Large Text (above 18pt) WCAG AA × Fail

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 72.6327, 0.2529, 0.3435 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 72.6327, 0.2529, 0.3435

Background



This preview shows how black text looks on a background with the Yxy color 72.6327, 0.2529, 0.3435.

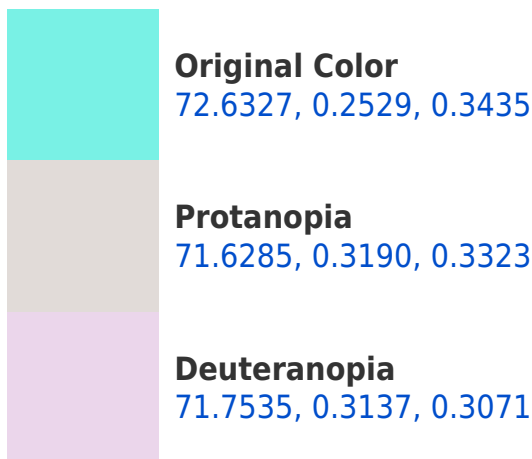


This preview shows how white text looks on a background with the Yxy color 72.6327, 0.2529, 0.3435.

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

72.2792, 0.2456, 0.3067

Trichromacy



Original Color

72.6327, 0.2529, 0.3435



Protanomaly

70.7234, 0.2897, 0.3359



Deuteranomaly

70.6638, 0.2870, 0.3188



Tritanomaly

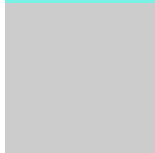
72.4700, 0.2479, 0.3193

Monochromacy



Original Color

72.6327, 0.2529, 0.3435



Achromatopsia

60.3827, 0.3127, 0.3290



Achromatomaly

63.4285, 0.2856, 0.3338

CSS Examples

Text

The CSS property to change the color of the text to Yxy 72.6327, 0.2529, 0.3435 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, 241, 229)` looks like.

```
.text, #text, p{  
    color:rgb(121, 241, 229)  
}
```

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, 241, 229) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(121, 241, 229) }
```

Border

The CSS property to change the border of an element to Yxy 72.6327, 0.2529, 0.3435 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, 241, 229) }
```

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

```
.border{ border-color:rgb(121, 241, 229) }
```

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

Here you see how a box with a 4 pixel rgb(121, 241, 229) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(121, 241, 229); -webkit-box-  
shadow:4px 4px 4px 4px rgb(121, 241, 229);  
box-shadow:4px 4px 4px 4px rgb(121, 241,  
229) }
```


Background

The CSS property to change the background color of an element to Yxy 72.6327, 0.2529, 0.3435 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(121, 241, 229) }
```

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

```
.background{ background-color: rgb(121,  
241, 229) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor