

Converting Colors

$Y_{xy}(73.3202, 0.2526, 0.3430)$

Have a look what the booklet for
Yxy(73.3202, 0.2526, 0.3430)
contains.

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Color

Yxy(73.2824, 0.2527, 0.3435)

Conversions

Conversions Part 1

Format	Color
Hex	79F2E6
RGB	121, 242, 230
RGB Percent	47%, 95%, 90%
CMY	0.5257, 0.0509, 0.0981
CMYK	0.50, 0.00, 0.05, 0.05
HSL	174°, 82%, 71%
HSV	174°, 50%, 95%
XYZ	53.9111, 73.2824, 86.1468
YIQ	204.4530, -68.2640, -29.3840

Conversions

Conversions Part 2

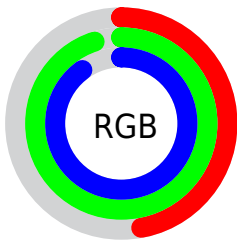
Format	Color
R_{YB}	121, 185, 242
Decimal	7992038
CIE _{Lab}	88.58, -36.90, -4.67
CIE _{LCh}	89, 37.191, 187.206
Y _{xy}	73.2824, 0.2527, 0.3435
Android (android.graphics.Color)	4286182118 (0xFF79F2E6)
YUV	204.4530, 12.5947, -73.1883
Hunter-Lab	85.6051, -37.3960, 0.2584

Details

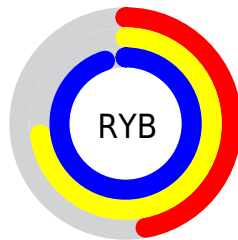
The Yxy color **73.2824, 0.2527, 0.3435** is a light color, and the websafe version is hex **66FFFF**. A complement of this color would be **34.2343, 0.4407, 0.3164**, and the grayscale version is **60.6284, 0.3127, 0.3290**.

A 20% lighter version of the original color is **88.5638, 0.2706, 0.3289**, and **38.6338, 0.2386, 0.3451** is the 20% darker color. If you saturate the color by 10%, you get **71.6173, 0.2451, 0.3469**, and if you desaturate by 10%, it is **75.3935, 0.2621, 0.3402**.

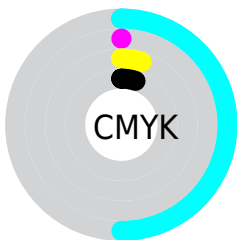
Distribution



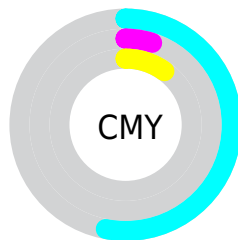
- Red (47%)
- Green (95%)
- Blue (90%)



- Red (47%)
- Yellow (73%)
- 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 73.2824, 0.2527, 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 73.2824, 0.2527, 0.3435 by changing the saturation by 10% instead.


 73.2824, 0.2527,
0.3435


 73.2824, 0.2527,
0.3435


471.9930, 0.2801,
0.3372

 54.2069, 0.2466,
0.3448


 123.8780, 0.2621,
0.3414

 38.7671, 0.2391,
0.3464


 156.1670, 0.2658,
0.3406

 26.5786, 0.2296,
0.3483


 193.6292, 0.2690,
0.3398

 17.2570, 0.2175,
0.3506

236.6490, 0.2717,
0.3392

 10.4179, 0.2014,
0.3535

285.6109, 0.2742,
0.3386

 5.6769, 0.1790,
0.3571

340.8993, 0.2764,

 2.6496, 0.1462,

0.3381

0.3610

402.8985, 0.2783,
0.3376

0.9517, 0.0010,
0.4013

0.0000, 0.0000,
0.0000

73.2824, 0.2527,
0.3435

73.2824, 0.2527,
0.3435

71.6173, 0.2451,
0.3469

75.3935, 0.2621,
0.3402

70.3562, 0.2394,
0.3503


77.9720, 0.2731,
0.3371


69.4637, 0.2357,
0.3538


81.0481, 0.2854,
0.3342


68.8942, 0.2338,
0.3572

84.6472, 0.2987,
0.3315

 68.5717, 0.2335,
0.3606

 88.7926, 0.3127,
0.3290

 91.3293, 0.3198,
0.3267

 91.4768, 0.3183,
0.3244

 91.6262, 0.3168,
0.3221

 91.7775, 0.3153,
0.3198

Harmonies

Analogous

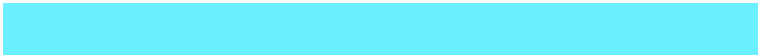
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



73.2824, 0.2886, 0.3849



73.2824, 0.2527, 0.3435



73.2824, 0.2332, 0.3008

Triad

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



73.2824, 0.2527, 0.3435



73.2824, 0.2881, 0.2619



73.2824, 0.3982, 0.3813

Complementary

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



73.2824, 0.2527, 0.3435



34.2343, 0.4407, 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.



73.2824, 0.3994, 0.3472



73.2824, 0.2527, 0.3435



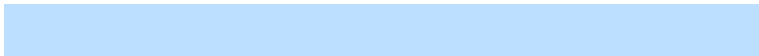
73.2824, 0.3331, 0.2813

Square

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



73.2824, 0.2527, 0.3435



73.2824, 0.2524, 0.2575



73.2824, 0.3749, 0.3115



73.2824, 0.3731, 0.4050

Rectangle

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



73.2824, 0.2527, 0.3435



73.2824, 0.2310, 0.2787



73.2824, 0.3749, 0.3115



73.2824, 0.4016, 0.3706

Sweetspot

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



73.2853, 0.2527, 0.3435



93.2109, 0.2919, 0.3328



69.8824, 0.3118, 0.4854



19.7705, 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.



73.2853, 0.2527, 0.3435



80.6233, 0.2450, 0.3469



48.8725, 0.2354, 0.2668



17.9003, 0.2994, 0.3313



36.8442, 0.2333, 0.3600



3.0729, 0.2321, 0.3555

Inverse Universe

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



34.2343, 0.4407, 0.3164



32.0521, 0.4837, 0.3150



48.7738, 0.4254, 0.3819



15.7844, 0.3278, 0.3267



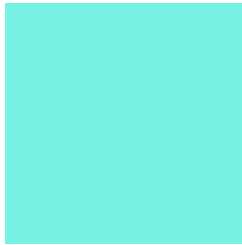
10.1855, 0.6285, 0.3236



0.8559, 0.6039, 0.3100

Previews

White Background



This preview shows how the Yxy color 73.2824, 0.2527, 0.3435 looks on a white background.

Color Contrast Check

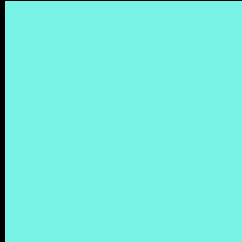
Large Text (above 18pt) WCAG AA × Fail

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 73.2824, 0.2527, 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 73.2824, 0.2527, 0.3435

Background



This preview shows how black text looks on a background with the Yxy color 73.2824, 0.2527, 0.3435.

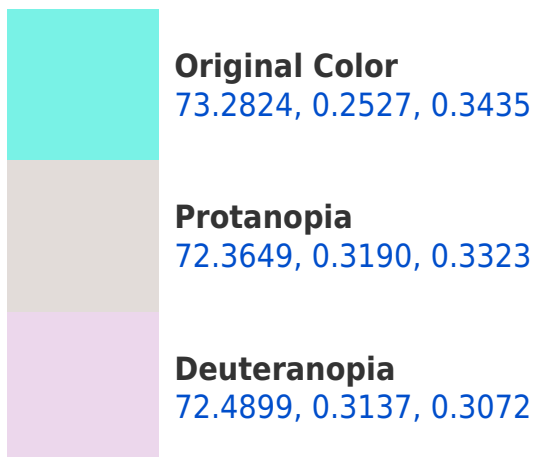


This preview shows how white text looks on a background with the Yxy color 73.2824, 0.2527, 0.3435.

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

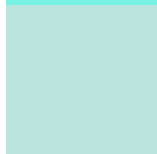
73.1916, 0.2475, 0.3080

Trichromacy



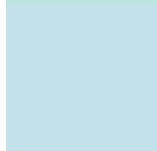
Original Color

73.2824, 0.2527, 0.3435



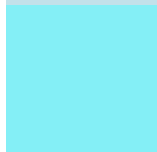
Protanomaly

71.4521, 0.2898, 0.3358



Deuteranomaly

71.2603, 0.2865, 0.3188



Tritanomaly

73.2924, 0.2494, 0.3206

Monochromacy



Original Color

73.2824, 0.2527, 0.3435



Achromatopsia

60.3827, 0.3127, 0.3290



Achromatomaly

63.9456, 0.2857, 0.3350

CSS Examples

Text

The CSS property to change the color of the text to Yxy 73.2824, 0.2527, 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, 242, 230)` looks like.

```
.text, #text, p{  
    color:rgb(121, 242, 230)  
}
```

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, 242, 230) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(121, 242, 230) }
```

Border

The CSS property to change the border of an element to Yxy 73.2824, 0.2527, 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, 242, 230) }
```

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

```
.border{ border-color:rgb(121, 242, 230) }
```

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

Here you see how a box with a 4 pixel rgb(121, 242, 230) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(121, 242, 230); -webkit-box-  
shadow:4px 4px 4px 4px rgb(121, 242, 230);  
box-shadow:4px 4px 4px 4px rgb(121, 242,  
230) }
```


Background

The CSS property to change the background color of an element to Yxy 73.2824, 0.2527, 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, 242, 230) }
```

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

```
.background{ background-color: rgb(121,  
242, 230) }
```

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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