

Converting Colors

$Yxy(73.3547, 0.2539, 0.3463)$

Have a look what the booklet for
Yxy(73.3547, 0.2539, 0.3463)
contains.

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Color

Yxy(73.2433, 0.2540, 0.3459)

Conversions

Conversions Part 1

Format	Color
Hex	7AF2E4
RGB	122, 242, 228
RGB Percent	48%, 95%, 89%
CMY	0.5216, 0.0510, 0.1058
CMYK	0.50, 0.00, 0.06, 0.05
HSL	173°, 82%, 71%
HSV	173°, 50%, 95%
XYZ	53.7837, 73.2433, 84.7200
YIQ	204.5240, -67.0260, -29.7940

Conversions

Conversions Part 2

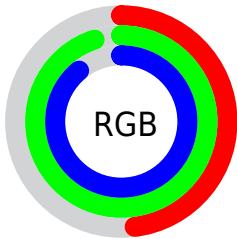
Format	Color
RYB	122, 186, 242
Decimal	8057572
CIELab	88.56, -37.14, -3.67
CIELCh	89, 37.324, 185.643
Yxy	73.2433, 0.2540, 0.3459
Android (android.graphics.Color)	4286247652 (0xFF7AF2E4)
YUV	204.5240, 11.5737, -72.3735
Hunter-Lab	85.5823, -37.5916, 1.2150

Details

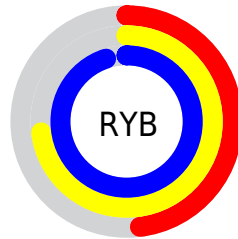
The Yxy color **73.2433, 0.2540, 0.3459** is a light color, and the websafe version is hex **66FFFF**. A complement of this color would be **34.5727, 0.4365, 0.3142**, and the grayscale version is **60.6913, 0.3127, 0.3290**.

A 20% lighter version of the original color is **88.6851, 0.2711, 0.3289**, and **38.6146, 0.2403, 0.3484** is the 20% darker color. If you saturate the color by 10%, you get **71.5389, 0.2464, 0.3499**, and if you desaturate by 10%, it is **75.3957, 0.2633, 0.3421**.

Distribution



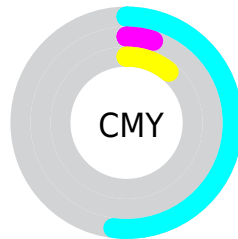
- Red (48%)
- Green (95%)
- Blue (89%)



- Red (48%)
- Yellow (73%)
- Blue (95%)



- Cyan (50%)
- Magenta (0%)
- Yellow (6%)
- Black (5%)





- Cyan (52%)
- Magenta (5%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 73.2433, 0.2540, 0.3459 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 73.2433, 0.2540, 0.3459 by changing the saturation by 10% instead.


 73.2433, 0.2540,
0.3459


 73.2433, 0.2540,
0.3459


471.8576, 0.2808,
0.3384

 54.1749, 0.2480,
0.3475


 123.8225, 0.2632,
0.3434

 38.7415, 0.2406,
0.3494


 156.1022, 0.2668,
0.3424

 26.5587, 0.2313,
0.3518

 193.5544, 0.2699,
0.3415

 17.2421, 0.2194,
0.3548

236.5636, 0.2727,
0.3408

 10.4072, 0.2035,
0.3586

285.5141, 0.2751,
0.3401

 5.6698, 0.1813,
0.3635

340.7903, 0.2772,

 2.6454, 0.1487,

0.3395

0.3697

402.7767, 0.2791,
0.3389

■ 0.9495, 0.0000,
0.4172

■ 0.0000, 0.0000,
0.0000

■ 73.2433, 0.2540,
0.3459

■ 73.2433, 0.2540,
0.3459

■ 71.5389, 0.2464,
0.3499

■ 75.3957, 0.2633,
0.3421

■ 70.2407, 0.2408,
0.3540


■ 78.0175, 0.2742,
0.3384

■ 69.3134, 0.2371,
0.3580


■ 81.1386, 0.2864,
0.3350

■ 68.7120, 0.2353,
0.3621


■ 84.7844, 0.2995,
0.3318


 68.3641, 0.2351,
0.3661


 88.9782, 0.3133,
0.3289

 68.3517, 0.2351,
0.3663

 91.3546, 0.3194,
0.3262

 91.5280, 0.3177,
0.3235

 91.7041, 0.3160,
0.3208

 91.8827, 0.3143,
0.3181

Harmonies

Analogous

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



73.2433, 0.2907, 0.3870



73.2433, 0.2540, 0.3459



73.2433, 0.2334, 0.3027

Triad

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



73.2433, 0.2540, 0.3459



73.2433, 0.2858, 0.2610



73.2433, 0.3993, 0.3798

Complementary

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



73.2433, 0.2540, 0.3459



34.5727, 0.4365, 0.3142

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.



73.2433, 0.3990, 0.3453



73.2433, 0.2540, 0.3459



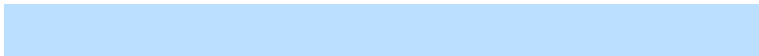
73.2433, 0.3307, 0.2798

Square

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



73.2433, 0.2540, 0.3459



73.2433, 0.2507, 0.2575



73.2433, 0.3733, 0.3097



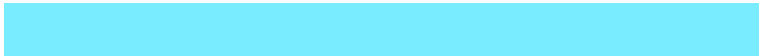
73.2433, 0.3751, 0.4045

Rectangle

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



73.2433, 0.2540, 0.3459



73.2433, 0.2305, 0.2800



73.2433, 0.3733, 0.3097



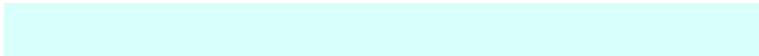
73.2433, 0.4021, 0.3689

Sweetspot

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



73.2462, 0.2540, 0.3459



93.1698, 0.2922, 0.3335



70.1450, 0.3130, 0.4834



19.7606, 0.2895, 0.3342



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.



73.2462, 0.2540, 0.3459



80.4699, 0.2461, 0.3501



50.0283, 0.2365, 0.2702



17.8954, 0.2996, 0.3317



36.7314, 0.2349, 0.3656



3.0646, 0.2334, 0.3603

Inverse Universe

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



34.5727, 0.4365, 0.3142



32.1144, 0.4803, 0.3124



48.2877, 0.4252, 0.3793



15.7888, 0.3275, 0.3263



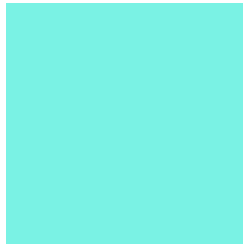
10.1966, 0.6257, 0.3221



0.8580, 0.5982, 0.3069

Previews

White Background



This preview shows how the Yxy color 73.2433, 0.2540, 0.3459 looks on a white background.

Color Contrast Check

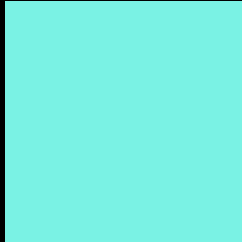
Large Text (above 18pt) WCAG AA × Fail

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 73.2433, 0.2540, 0.3459 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

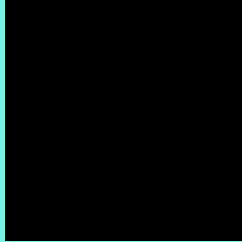
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 73.2433, 0.2540, 0.3459

Background



This preview shows how black text looks on a background with the Yxy color 73.2433, 0.2540, 0.3459.

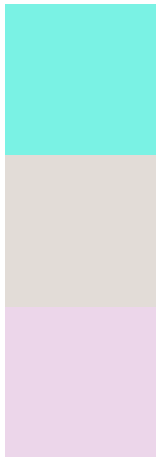


This preview shows how white text looks on a background with the Yxy color 73.2433, 0.2540, 0.3459.

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

73.2433, 0.2540, 0.3459

Protanopia

72.2614, 0.3204, 0.3344

Deuteranopia

71.8665, 0.3151, 0.3082



Tritanopia

73.1916, 0.2475, 0.3080

Trichromacy



Original Color

73.2433, 0.2540, 0.3459



Protanomaly

71.3455, 0.2910, 0.3381



Deuteranomaly

70.7396, 0.2882, 0.3199



Tritanomaly

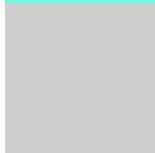
73.2311, 0.2498, 0.3217

Monochromacy



Original Color

73.2433, 0.2540, 0.3459



Achromatopsia

61.0496, 0.3127, 0.3290



Achromatomaly

64.0609, 0.2863, 0.3350

CSS Examples

Text

The CSS property to change the color of the text to Yxy 73.2433, 0.2540, 0.3459 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(122, 242, 228)` looks like.

```
.text, #text, p{  
    color:rgb(122, 242, 228)  
}
```

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(122, 242, 228) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(122, 242, 228) }
```

Border

The CSS property to change the border of an element to Yxy 73.2433, 0.2540, 0.3459 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(122, 242, 228) }
```

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

```
.border{ border-color:rgb(122, 242, 228) }
```

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

Here you see how a box with a 4 pixel `rgb(122, 242, 228)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(122, 242, 228); -webkit-box-  
shadow:4px 4px 4px 4px rgb(122, 242, 228);  
box-shadow:4px 4px 4px 4px rgb(122, 242,  
228) }
```


Background

The CSS property to change the background color of an element to Yxy 73.2433, 0.2540, 0.3459 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(122, 242, 228) }
```

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

```
.background{ background-color: rgb(122,  
242, 228) }
```

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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