

Converting Colors

$Y_{xy}(73.4744, 0.2525, 0.3431)$

Have a look what the booklet for
Yxy(73.4744, 0.2525, 0.3431)
contains.

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Color

Yxy(73.3387, 0.2523, 0.3422)

Conversions

Conversions Part 1

Format	Color
Hex	79F2E7
RGB	121, 242, 231
RGB Percent	47%, 95%, 91%
CMY	0.5251, 0.0510, 0.0941
CMYK	0.50, 0.00, 0.05, 0.05
HSL	175°, 82%, 71%
HSV	175°, 50%, 95%
XYZ	54.0718, 73.3387, 86.9049
YIQ	204.5670, -68.5850, -29.0730

Conversions

Conversions Part 2

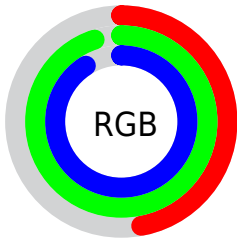
Format	Color
RYB	121, 184, 242
Decimal	7992039
CIELab	88.61, -36.60, -5.16
CIELCh	89, 36.964, 188.024
Yxy	73.3387, 0.2523, 0.3422
Android (android.graphics.Color)	4286182119 (0xFF79F2E7)
YUV	204.5670, 13.0315, -73.2883
Hunter-Lab	85.6380, -37.1618, -0.2205

Details

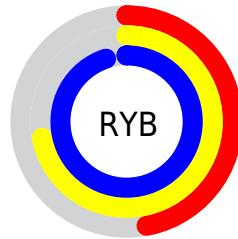
The Yxy color **73.3387, 0.2523, 0.3422** is a light color, and the websafe version is hex **66FFFF**. A complement of this color would be **34.2463, 0.4417, 0.3175**, and the grayscale version is **60.7277, 0.3127, 0.3290**.

A 20% lighter version of the original color is **88.5638, 0.2706, 0.3289**, and **38.6733, 0.2381, 0.3434** is the 20% darker color. If you saturate the color by 10%, you get **71.6816, 0.2446, 0.3453**, and if you desaturate by 10%, it is **75.4417, 0.2618, 0.3392**.

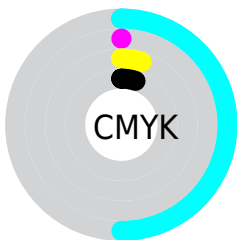
Distribution



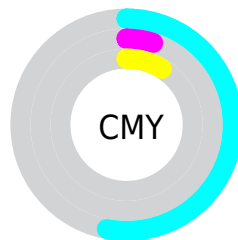
- Red (47%)
- Green (95%)
- Blue (91%)



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



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



- Cyan (53%)
- Magenta (5%)
- Yellow (9%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 73.3387, 0.2523, 0.3422 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 73.3387, 0.2523, 0.3422 by changing the saturation by 10% instead.

 73.3387, 0.2523,
0.3422

 73.3387, 0.2523,
0.3422

472.1879, 0.2798,
0.3366


 54.2530, 0.2461,
0.3434


 123.9579, 0.2618,
0.3403

 38.8039, 0.2386,
0.3448


 156.2602, 0.2655,
0.3396

 26.6072, 0.2291,
0.3464


 193.7368, 0.2687,
0.3389

 17.2785, 0.2170,
0.3484

236.7720, 0.2715,
0.3383

 10.4332, 0.2008,
0.3508

285.7504, 0.2739,
0.3378

 5.6871, 0.1784,
0.3537

341.0562, 0.2761,

 2.6558, 0.1456,

0.3374

403.0739, 0.2781,
0.3369

0.3565

0.9548, 0.0051,
0.3923

0.0000, 0.0000,
0.0000

73.3387, 0.2523,
0.3422

73.3387, 0.2523,
0.3422

71.6816, 0.2446,
0.3453

75.4417, 0.2618,
0.3392

70.4283, 0.2389,
0.3484

78.0119, 0.2728,
0.3364

69.5434, 0.2351,
0.3515

81.0795, 0.2852,
0.3337


68.9817, 0.2331,
0.3547

84.6698, 0.2986,
0.3313

 68.6669, 0.2327,
0.3577


 88.8062, 0.3128,
0.3290

 68.6656, 0.2327,
0.3578

 91.3031, 0.3199,
0.3269

 91.4378, 0.3185,
0.3248

 91.5740, 0.3172,
0.3226

 91.7119, 0.3158,
0.3205

Harmonies

Analogous

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



73.3387, 0.2876, 0.3836



73.3387, 0.2523, 0.3422



73.3387, 0.2334, 0.3000

Triad

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



73.3387, 0.2523, 0.3422



73.3387, 0.2894, 0.2626



73.3387, 0.3973, 0.3818

Complementary

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



73.3387, 0.2523, 0.3422



34.2463, 0.4417, 0.3175

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.



73.3387, 0.3991, 0.3481



73.3387, 0.2523, 0.3422



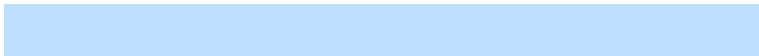
73.3387, 0.3342, 0.2822

Square

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



73.3387, 0.2523, 0.3422



73.3387, 0.2536, 0.2578



73.3387, 0.3755, 0.3126



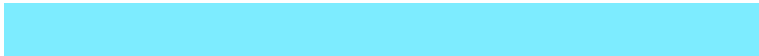
73.3387, 0.3718, 0.4049

Rectangle

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



73.3387, 0.2523, 0.3422



73.3387, 0.2315, 0.2783



73.3387, 0.3755, 0.3126



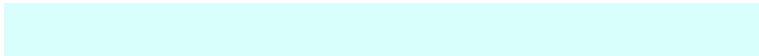
73.3387, 0.4008, 0.3712

Sweetspot

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



73.3416, 0.2523, 0.3422



93.2314, 0.2917, 0.3325



69.8851, 0.3118, 0.4852



19.7755, 0.2889, 0.3330



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.



73.3416, 0.2523, 0.3422



80.7008, 0.2445, 0.3453



48.9064, 0.2355, 0.2669



17.9027, 0.2993, 0.3311



36.9015, 0.2326, 0.3572



3.0771, 0.2314, 0.3532

Inverse Universe

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



34.2463, 0.4417, 0.3175



32.0217, 0.4853, 0.3163



48.8075, 0.4251, 0.3818



15.7822, 0.3279, 0.3269



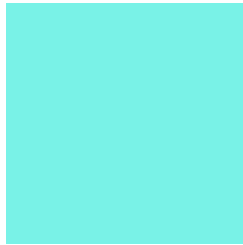
10.1805, 0.6298, 0.3243



0.8548, 0.6068, 0.3116

Previews

White Background



This preview shows how the Yxy color 73.3387, 0.2523, 0.3422 looks on a white background.

Color Contrast Check

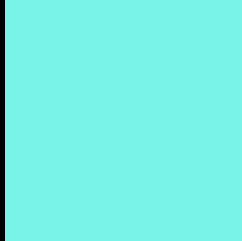
Large Text (above 18pt) WCAG AA × Fail

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 73.3387, 0.2523, 0.3422 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

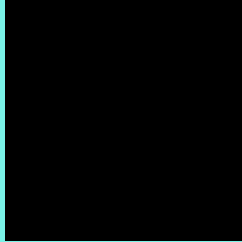
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 73.3387, 0.2523, 0.3422

Background



This preview shows how black text looks on a background with the Yxy color 73.3387, 0.2523, 0.3422.

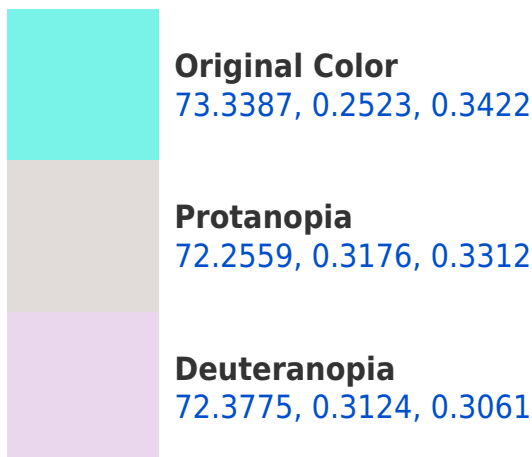


This preview shows how white text looks on a background with the Yxy color 73.3387, 0.2523, 0.3422.

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

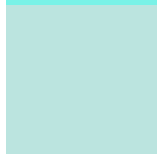
73.1916, 0.2475, 0.3080

Trichromacy



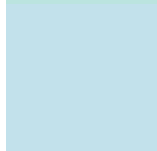
Original Color

73.3387, 0.2523, 0.3422



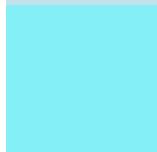
Protanomaly

71.3793, 0.2886, 0.3347



Deuteranomaly

71.3179, 0.2859, 0.3177



Tritanomaly

73.2924, 0.2494, 0.3206

Monochromacy



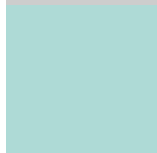
Original Color

73.3387, 0.2523, 0.3422



Achromatopsia

61.0496, 0.3127, 0.3290



Achromatomaly

63.9965, 0.2851, 0.3337

CSS Examples

Text

The CSS property to change the color of the text to Yxy 73.3387, 0.2523, 0.3422 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, 231)` looks like.

```
.text, #text, p{  
    color:rgb(121, 242, 231)  
}
```

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, 231) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(121, 242, 231) }
```

Border

The CSS property to change the border of an element to Yxy 73.3387, 0.2523, 0.3422 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, 231) }
```

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

```
.border{ border-color:rgb(121, 242, 231) }
```

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, 231)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(121, 242, 231); -webkit-box-  
shadow:4px 4px 4px 4px rgb(121, 242, 231);  
box-shadow:4px 4px 4px 4px rgb(121, 242,  
231) }
```


Background

The CSS property to change the background color of an element to Yxy 73.3387, 0.2523, 0.3422 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, 231) }
```

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

```
.background{ background-color: rgb(121,  
242, 231) }
```

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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