

Converting Colors

$Yxy(73.4994, 0.2387, 0.3493)$

Have a look what the booklet for
Yxy(73.4994, 0.2387, 0.3493)
contains.

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Color

Yxy(73.6124, 0.2388, 0.3501)

Conversions

Conversions Part 1

Format	Color
Hex	48F7E6
RGB	72, 247, 230
RGB Percent	28%, 97%, 90%
CMY	0.7182, 0.0313, 0.0980
CMYK	0.71, 0.00, 0.07, 0.03
HSL	174°, 92%, 63%
HSV	174°, 71%, 97%
XYZ	50.2103, 73.6124, 86.4383
YIQ	192.7370, -98.8430, -42.3870

Conversions

Conversions Part 2

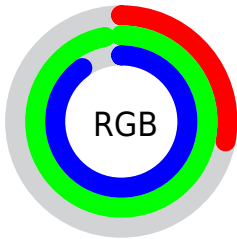
Format	Color
R _Y B	72, 164, 247
Decimal	4782054
CIE Lab	88.74, -47.27, -4.60
CIE LCh	89, 47.492, 185.562
Yxy	73.6124, 0.2388, 0.3501
Android (android.graphics.Color)	4282972134 (0xFF48F7E6)
YUV	192.7370, 18.3707, -105.8863
Hunter-Lab	85.7977, -45.6845, 0.3256

Details

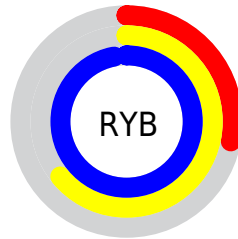
The Yxy color **73.6124, 0.2388, 0.3501** is a light color, and the websafe version is hex **33FFFF**. The color can be described as light washed cyan. A complement of this color would be **25.1128, 0.5334, 0.3154**, and the grayscale version is **53.0801, 0.3127, 0.3290**.

A 20% lighter version of the original color is **84.5796, 0.2532, 0.3288**, and **39.9221, 0.2315, 0.3534** is the 20% darker color. If you saturate the color by 10%, you get **72.7171, 0.2352, 0.3535**, and if you desaturate by 10%, it is **74.8959, 0.2443, 0.3467**.

Distribution



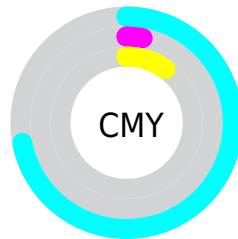
- Red (28%)
- Green (97%)
- Blue (90%)



- Red (28%)
- Yellow (64%)
- Blue (97%)



- Cyan (71%)
- Magenta (0%)
- Yellow (7%)
- Black (3%)




- Cyan (72%)
- Magenta (3%)
- Yellow (10%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 73.6124, 0.2388, 0.3501 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 73.6124, 0.2388, 0.3501 by changing the saturation by 10% instead.


 73.6124, 0.2388,
0.3501


 73.6124, 0.2388,
0.3501

473.1346, 0.2723,
0.3409


 54.4769, 0.2313,
0.3520

 124.3462, 0.2503,
0.3470

 38.9830, 0.2222,
0.3543


 156.7133, 0.2548,
0.3458

 26.7465, 0.2109,
0.3571


 194.2596, 0.2587,
0.3448

 17.3829, 0.1964,
0.3605

 237.3696, 0.2621,
0.3438

 10.5079, 0.1772,
0.3647

286.4278, 0.2651,
0.3430

 5.7370, 0.1512,
0.3698

341.8184, 0.2678,

 2.6858, 0.1143,

0.3422

0.3754

403.9258, 0.2702,
0.3416

0.9700, 0.0000,
0.4031

0.0000, 0.0000,
0.0000

73.6124, 0.2388,
0.3501

73.6124, 0.2388,
0.3501

72.7171, 0.2352,
0.3535

74.8959, 0.2443,
0.3467


72.1528, 0.2335,
0.3568


76.6001, 0.2518,
0.3434


71.8586, 0.2333,
0.3598

78.7633, 0.2610,
0.3402

81.4173, 0.2719,
0.3372

 84.5911, 0.2841,
0.3343

 88.3114, 0.2974,
0.3316

 92.6032, 0.3114,
0.3292

 94.6397, 0.3165,
0.3269

 94.7904, 0.3151,
0.3246

Harmonies

Analogous

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



73.6124, 0.2841, 0.4043



73.6124, 0.2388, 0.3501



73.6124, 0.2140, 0.2945

Triad

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



73.6124, 0.2388, 0.3501



73.6124, 0.2781, 0.2449



73.6124, 0.4220, 0.3908

Complementary

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



73.6124, 0.2388, 0.3501



25.1128, 0.5334, 0.3154

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.



73.6124, 0.4225, 0.3475



73.6124, 0.2388, 0.3501



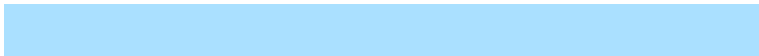
73.6124, 0.3348, 0.2677

Square

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



73.6124, 0.2388, 0.3501



73.6124, 0.2351, 0.2400



73.6124, 0.3896, 0.3040



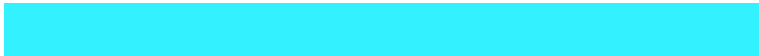
73.6124, 0.3906, 0.4238

Rectangle

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



73.6124, 0.2388, 0.3501



73.6124, 0.2107, 0.2665



73.6124, 0.3896, 0.3040



73.6124, 0.4260, 0.3769

Sweetspot

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



73.6152, 0.2388, 0.3501



90.8899, 0.2840, 0.3344



69.1373, 0.3083, 0.5525



19.2403, 0.2805, 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.



73.6152, 0.2388, 0.3501



77.8757, 0.2343, 0.3549



39.5148, 0.2088, 0.2346



18.7285, 0.2994, 0.3313



38.0116, 0.2331, 0.3593



3.3487, 0.2320, 0.3551

Inverse Universe

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



25.1128, 0.5334, 0.3154



22.9809, 0.5929, 0.3188



39.5661, 0.4923, 0.3960



16.5086, 0.3278, 0.3267



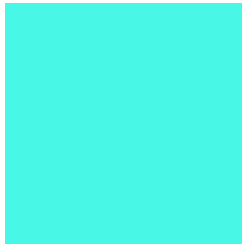
10.5018, 0.6290, 0.3239



0.9316, 0.6061, 0.3112

Previews

White Background



This preview shows how the Yxy color 73.6124, 0.2388, 0.3501 looks on a white background.

Color Contrast Check

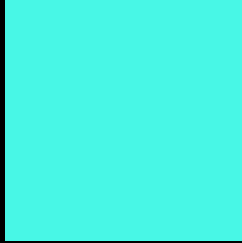
Large Text (above 18pt) WCAG AA × Fail

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 73.6124, 0.2388, 0.3501 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

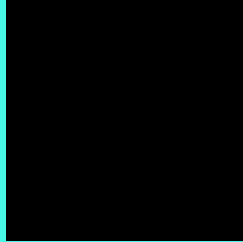
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

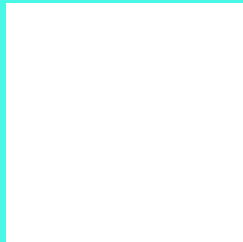
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 73.6124, 0.2388, 0.3501

Background



This preview shows how black text looks on a background with the Yxy color 73.6124, 0.2388, 0.3501.

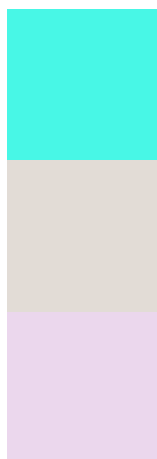


This preview shows how white text looks on a background with the Yxy color 73.6124, 0.2388, 0.3501.

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

73.6124, 0.2388, 0.3501

Protanopia

72.2102, 0.3210, 0.3355

Deuteranopia

72.3775, 0.3124, 0.3061



Tritanopia

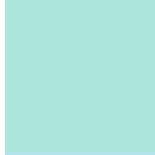
73.4650, 0.2434, 0.3101

Trichromacy



Original Color

73.6124, 0.2388, 0.3501



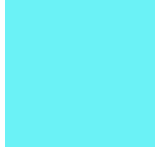
Protanomaly

70.3070, 0.2801, 0.3407



Deuteranomaly

70.1088, 0.2756, 0.3208



Tritanomaly

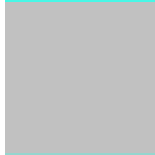
73.2839, 0.2407, 0.3240

Monochromacy



Original Color

73.6124, 0.2388, 0.3501



Achromatopsia

53.3276, 0.3127, 0.3290



Achromatomaly

58.4343, 0.2737, 0.3379

CSS Examples

Text

The CSS property to change the color of the text to Yxy 73.6124, 0.2388, 0.3501 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(72, 247, 230)` looks like.

```
.text, #text, p{  
    color:rgb(72, 247, 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(72, 247, 230) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(72, 247, 230) }
```

Border

The CSS property to change the border of an element to Yxy 73.6124, 0.2388, 0.3501 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(72, 247, 230) }
```

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

```
.border{ border-color:rgb(72, 247, 230) }
```

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

Here you see how a box with a 4 pixel `rgb(72, 247, 230)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(72, 247, 230); -webkit-box-  
shadow:4px 4px 4px 4px rgb(72, 247, 230);  
box-shadow:4px 4px 4px 4px rgb(72, 247,  
230) }
```


Background

The CSS property to change the background color of an element to Yxy 73.6124, 0.2388, 0.3501 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(72, 247, 230) }
```

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

```
.background{ background-color: rgb(72, 247,  
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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