

Converting Colors

$Y_{xy}(74.1863, 0.2502, 0.4012)$

Have a look what the booklet for
Yxy(74.1863, 0.2502, 0.4012)
contains.

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Color

Yxy(74.4363, 0.2501, 0.4011)

Conversions

Conversions Part 1

Format	Color
Hex	36FCC5
RGB	54, 252, 197
RGB Percent	21%, 99%, 77%
CMY	0.7876, 0.0118, 0.2275
CMYK	0.79, 0.00, 0.22, 0.01
HSL	163°, 97%, 60%
HSV	163°, 79%, 99%
XYZ	46.4137, 74.4363, 64.7304
YIQ	186.5280, -100.3530, -59.0810

Conversions

Conversions Part 2

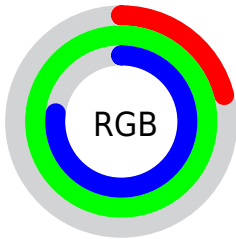
Format	Color
RYB	54, 169, 252
Decimal	3603653
CIELab	89.13, -59.40, 13.09
CIELCh	89, 60.827, 167.576
Yxy	74.4363, 0.2501, 0.4011
Android (android.graphics.Color)	4281793733 (0xFF36FCC5)
YUV	186.5280, 5.1627, -116.2271
Hunter-Lab	86.2765, -54.9572, 15.9102

Details

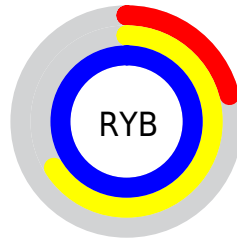
The Yxy color **74.4363, 0.2501, 0.4011** is a light color, and the websafe version is hex **33FFCC**. The color can be described as light washed cyan. A complement of this color would be **24.4567, 0.5168, 0.2857**, and the grayscale version is **49.4537, 0.3127, 0.3290**.

A 20% lighter version of the original color is **83.5813, 0.2494, 0.3299**, and **40.5667, 0.2491, 0.4167** is the 20% darker color. If you saturate the color by 10%, you get **73.5973, 0.2495, 0.4117**, and if you desaturate by 10%, it is **75.6570, 0.2527, 0.3905**.

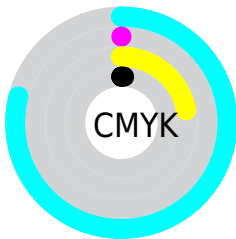
Distribution



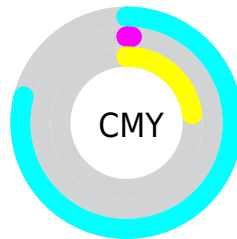
- Red (21%)
- Green (99%)
- Blue (77%)



- Red (21%)
- Yellow (66%)
- Blue (99%)



- Cyan (79%)
- Magenta (0%)
- Yellow (22%)
- Black (1%)




- Cyan (79%)
- Magenta (1%)
- Yellow (23%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 74.4363, 0.2501, 0.4011 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 74.4363, 0.2501, 0.4011 by changing the saturation by 10% instead.


 74.4363, 0.2501,
0.4011

 74.4363, 0.2501,
0.4011


475.9778, 0.2795,
0.3664


 55.1512, 0.2433,
0.4094


 125.5141, 0.2604,
0.3888


 39.5228, 0.2349,
0.4198


 158.0756, 0.2644,
0.3841

 27.1667, 0.2242,
0.4332


 195.8314, 0.2678,
0.3800

 17.6984, 0.2101,
0.4511


 239.1658, 0.2707,
0.3765

 10.7337, 0.1910,
0.4764

288.4632, 0.2733,
0.3735

 5.8881, 0.1638,
0.5141

344.1081, 0.2756,

 2.7771, 0.1173,

0.3708

0.5790

406.4849, 0.2777,
0.3685

■ 1.0165, 0.0000,
0.8457

■ 0.0000, 0.0000,
0.0000

■ 74.4363, 0.2501,
0.4011

■ 74.4363, 0.2501,
0.4011

■ 73.5973, 0.2495,
0.4117

■ 75.6570, 0.2527,
0.3905


■ 73.0618, 0.2508,
0.4222

■ 77.2999, 0.2573,
0.3800


■ 72.9941, 0.2510,
0.4237


■ 79.4094, 0.2638,
0.3698

■ 82.0219, 0.2718,
0.3601

 85.1702, 0.2813,
0.3511

 88.8845, 0.2917,
0.3426

 93.1923, 0.3029,
0.3350

 97.9750, 0.3140,
0.3280

 98.1002, 0.3128,
0.3261

Harmonies

Analogous

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



74.4363, 0.3160, 0.4547



74.4363, 0.2501, 0.4011



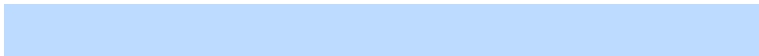
74.4363, 0.2043, 0.3242

Triad

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



74.4363, 0.2501, 0.4011



74.4363, 0.2341, 0.2186



74.4363, 0.4572, 0.3709

Complementary

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



74.4363, 0.2501, 0.4011



24.4567, 0.5168, 0.2857

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.



74.4363, 0.4324, 0.3170



74.4363, 0.2501, 0.4011



74.4363, 0.2955, 0.2342

Square

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



74.4363, 0.2501, 0.4011



74.4363, 0.1970, 0.2263



74.4363, 0.3700, 0.2690



74.4363, 0.4375, 0.4226

Rectangle

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



74.4363, 0.2501, 0.4011



74.4363, 0.1894, 0.2792



74.4363, 0.3700, 0.2690



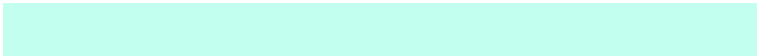
74.4363, 0.4540, 0.3527

Sweetspot

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



74.4392, 0.2501, 0.4011



89.1347, 0.2858, 0.3472



73.2169, 0.3211, 0.5607



18.7978, 0.2822, 0.3502



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.



74.4392, 0.2501, 0.4011



75.2695, 0.2501, 0.4175



53.4838, 0.2144, 0.2734



19.5214, 0.3017, 0.3357



38.0501, 0.2506, 0.4220



3.5421, 0.2471, 0.4094

Inverse Universe

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



24.4567, 0.5168, 0.2857



22.2188, 0.5713, 0.2956



29.5174, 0.5537, 0.3624



17.3045, 0.3250, 0.3224



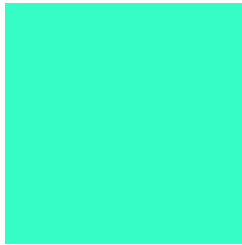
11.0328, 0.5842, 0.2992



1.0390, 0.5506, 0.2807

Previews

White Background



This preview shows how the Yxy color 74.4363, 0.2501, 0.4011 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 74.4363, 0.2501, 0.4011 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

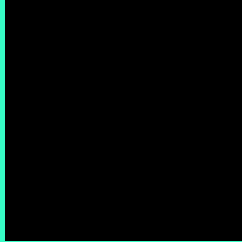
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

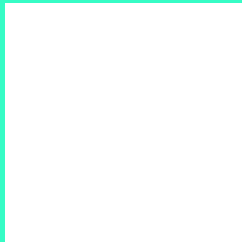
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 74.4363, 0.2501, 0.4011

Background



This preview shows how black text looks on a background with the Yxy color 74.4363, 0.2501, 0.4011.

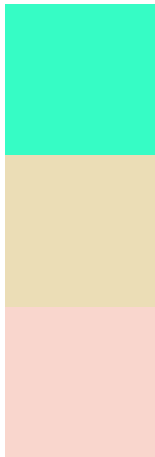


This preview shows how white text looks on a background with the Yxy color 74.4363, 0.2501, 0.4011.

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

74.4363, 0.2501, 0.4011

Protanopia

72.7525, 0.3498, 0.3712

Deuteranopia

72.6406, 0.3454, 0.3384



Tritanopia

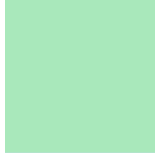
73.9395, 0.2458, 0.3103

Trichromacy



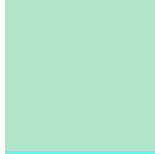
Original Color

74.4363, 0.2501, 0.4011



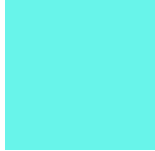
Protanomaly

69.7361, 0.2985, 0.3841



Deuteranomaly

69.2161, 0.2953, 0.3601



Tritanomaly

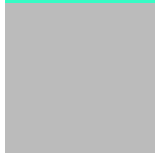
73.5849, 0.2452, 0.3411

Monochromacy



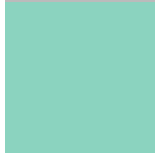
Original Color

74.4363, 0.2501, 0.4011



Achromatopsia

49.6933, 0.3127, 0.3290



Achromatomaly

55.8391, 0.2761, 0.3557

CSS Examples

Text

The CSS property to change the color of the text to Yxy 74.4363, 0.2501, 0.4011 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(54, 252, 197)` looks like.

```
.text, #text, p{  
    color:rgb(54, 252, 197)  
}
```

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(54, 252, 197) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(54, 252, 197) }
```

Border

The CSS property to change the border of an element to Yxy 74.4363, 0.2501, 0.4011 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(54, 252, 197) }
```

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

```
.border{ border-color:rgb(54, 252, 197) }
```

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

Here you see how a box with a 4 pixel `rgb(54, 252, 197)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(54, 252, 197); -webkit-box-  
shadow:4px 4px 4px 4px rgb(54, 252, 197);  
box-shadow:4px 4px 4px 4px rgb(54, 252,  
197) }
```


Background

The CSS property to change the background color of an element to Yxy 74.4363, 0.2501, 0.4011 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(54, 252, 197) }
```

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

```
.background{ background-color: rgb(54, 252,  
197) }
```

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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