

Converting Colors

$Y_{xy}(74.1363, 0.2336, 0.3564)$

Have a look what the booklet for
Yxy(74.1363, 0.2336, 0.3564)
contains.

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Color

Yxy(74.1793, 0.2337, 0.3568)

Conversions

Conversions Part 1

Format	Color
Hex	19FAE4
RGB	25, 250, 228
RGB Percent	10%, 98%, 89%
CMY	0.9019, 0.0196, 0.1060
CMYK	0.90, 0.00, 0.09, 0.02
HSL	174°, 96%, 54%
HSV	174°, 90%, 98%
XYZ	48.5866, 74.1793, 85.1357
YIQ	180.2170, -127.0380, -54.5420

Conversions

Conversions Part 2

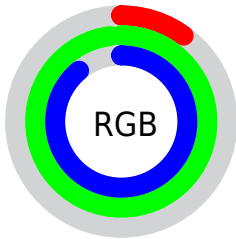
Format	Color
R _Y B	25, 143, 250
Decimal	1702628
CIE Lab	89.01, -52.83, -3.21
CIE LCh	89, 52.927, 183.473
Yxy	74.1793, 0.2337, 0.3568
Android (android.graphics.Color)	4279892708 (0xFF19FAE4)
YUV	180.2170, 23.5570, -136.1253
Hunter-Lab	86.1274, -50.0267, 1.6819

Details

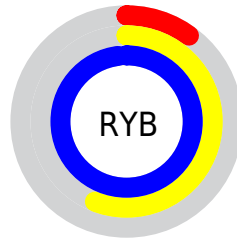
The Yxy color **74.1793, 0.2337, 0.3568** is a light color, and the websafe version is hex **00FFFF**. The color can be described as light washed cyan. A complement of this color would be **21.2265, 0.6087, 0.3207**, and the grayscale version is **45.6885, 0.3127, 0.3290**.

A 20% lighter version of the original color is **82.8776, 0.2453, 0.3288**, and **40.7164, 0.2333, 0.3600** is the 20% darker color. If you saturate the color by 10%, you get **73.8404, 0.2334, 0.3601**, and if you desaturate by 10%, it is **74.7906, 0.2355, 0.3534**.

Distribution



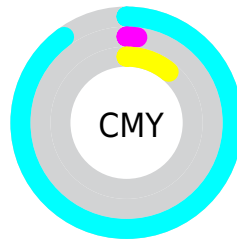
- Red (10%)
- Green (98%)
- Blue (89%)



- Red (10%)
- Yellow (56%)
- Blue (98%)



- Cyan (90%)
- Magenta (0%)
- Yellow (9%)
- Black (2%)




- Cyan (90%)
- Magenta (2%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 74.1793, 0.2337, 0.3568 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 74.1793, 0.2337, 0.3568 by changing the saturation by 10% instead.


 74.1793, 0.2337,
0.3568

 74.1793, 0.2337,
0.3568


475.0920, 0.2695,
0.3445


 54.9408, 0.2257,
0.3594


 125.1499, 0.2460,
0.3527


 39.3543, 0.2160,
0.3626


 157.6509, 0.2508,
0.3510

 27.0355, 0.2040,
0.3665


 195.3414, 0.2549,
0.3496

 17.5999, 0.1886,
0.3714

 238.6060, 0.2586,
0.3483

 10.6631, 0.1684,
0.3775

287.8289, 0.2618,
0.3472

 5.8408, 0.1411,
0.3853

343.3946, 0.2647,

 2.7485, 0.1021,

0.3462

0.3952

405.6875, 0.2672,
0.3453

■ 1.0019, 0.0000,
0.4255

■ 0.0000, 0.0000,
0.0000

■ 74.1793, 0.2337,
0.3568

■ 74.1793, 0.2337,
0.3568

■ 73.8404, 0.2334,
0.3601


■ 74.7906, 0.2355,
0.3534


■ 73.8403, 0.2334,
0.3601


■ 75.7474, 0.2393,
0.3500


■ 77.1019, 0.2449,
0.3466


■ 78.8955, 0.2526,
0.3433

 81.1646, 0.2620,
0.3401

 83.9416, 0.2730,
0.3370

 87.2560, 0.2853,
0.3341

 91.1352, 0.2987,
0.3314

 95.6048, 0.3127,
0.3290

Harmonies

Analogous

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



74.1793, 0.2845, 0.4170



74.1793, 0.2337, 0.3568



74.1793, 0.2053, 0.2938

Triad

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



74.1793, 0.2337, 0.3568



74.1793, 0.2703, 0.2357



74.1793, 0.4350, 0.3928

Complementary

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



74.1793, 0.2337, 0.3568



21.2265, 0.6087, 0.3207

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.



74.1793, 0.4334, 0.3449



74.1793, 0.2337, 0.3568



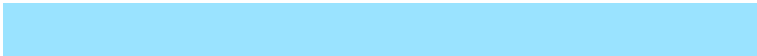
74.1793, 0.3324, 0.2594

Square

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



74.1793, 0.2337, 0.3568



74.1793, 0.2248, 0.2316



74.1793, 0.3945, 0.2980



74.1793, 0.4015, 0.4316

Rectangle

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



74.1793, 0.2337, 0.3568



74.1793, 0.2006, 0.2621



74.1793, 0.3945, 0.2980



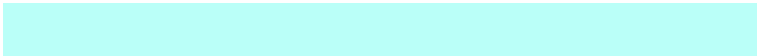
74.1793, 0.4388, 0.3773

Sweetspot

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



74.1821, 0.2337, 0.3568



88.7712, 0.2765, 0.3361



69.0621, 0.3039, 0.5903



18.7628, 0.2725, 0.3371



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.



74.1821, 0.2337, 0.3568



77.2348, 0.2334, 0.3602



32.2536, 0.1919, 0.2047



19.5776, 0.2993, 0.3313



39.1769, 0.2332, 0.3596



3.6367, 0.2321, 0.3556

Inverse Universe

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



21.2265, 0.6087, 0.3207



21.3301, 0.6314, 0.3252



32.6588, 0.5496, 0.3925



17.2528, 0.3279, 0.3267



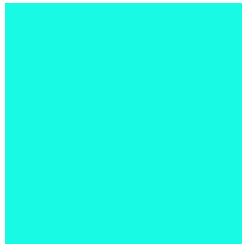
10.8257, 0.6290, 0.3239



1.0116, 0.6070, 0.3118

Previews

White Background



This preview shows how the Yxy color 74.1793, 0.2337, 0.3568 looks on a white background.

Color Contrast Check

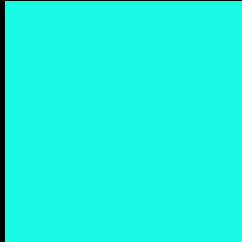
Large Text (above 18pt) WCAG AA × Fail

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 74.1793, 0.2337, 0.3568 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

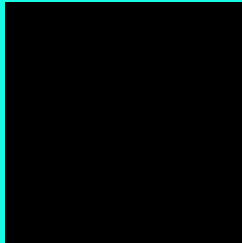
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 74.1793, 0.2337, 0.3568

Background



This preview shows how black text looks on a background with the Yxy color 74.1793, 0.2337, 0.3568.

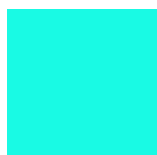


This preview shows how white text looks on a background with the Yxy color 74.1793, 0.2337, 0.3568.

Color Blindness Simulation

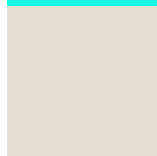
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



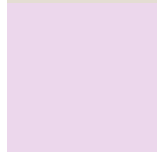
Original Color

74.1793, 0.2337, 0.3568



Protanopia

72.9100, 0.3244, 0.3398



Deuteranopia

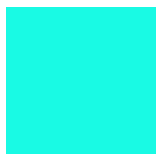
72.4899, 0.3137, 0.3072



Tritanopia

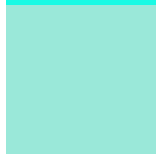
73.4650, 0.2434, 0.3101

Trichromacy



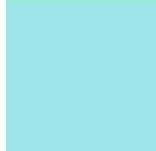
Original Color

74.1793, 0.2337, 0.3568



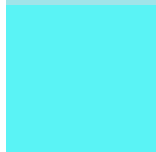
Protanomaly

69.5930, 0.2729, 0.3471



Deuteranomaly

68.7409, 0.2666, 0.3229



Tritanomaly

72.8674, 0.2362, 0.3263

Monochromacy



Original Color

74.1793, 0.2337, 0.3568



Achromatopsia

45.6411, 0.3127, 0.3290



Achromatomaly

51.9789, 0.2630, 0.3399

CSS Examples

Text

The CSS property to change the color of the text to Yxy 74.1793, 0.2337, 0.3568 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(25, 250, 228)` looks like.

```
.text, #text, p{  
    color:rgb(25, 250, 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(25, 250, 228) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(25, 250, 228) }
```

Border

The CSS property to change the border of an element to Yxy 74.1793, 0.2337, 0.3568 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(25, 250, 228) }
```

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

```
.border{ border-color:rgb(25, 250, 228) }
```

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

Here you see how a box with a 4 pixel `rgb(25, 250, 228)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(25, 250, 228); -webkit-box-  
shadow:4px 4px 4px 4px rgb(25, 250, 228);  
box-shadow:4px 4px 4px 4px rgb(25, 250,  
228) }
```


Background

The CSS property to change the background color of an element to Yxy 74.1793, 0.2337, 0.3568 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(25, 250, 228) }
```

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

```
.background{ background-color: rgb(25, 250,  
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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