

Converting Colors

$Y_{xy}(74.5191, 0.2362, 0.3519)$

Have a look what the booklet for
Yxy(74.5191, 0.2362, 0.3519)
contains.

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Color

Yxy(74.3907, 0.2361, 0.3514)

Conversions

Conversions Part 1

Format	Color
Hex	39F9E7
RGB	57, 249, 231
RGB Percent	22%, 98%, 91%
CMY	0.7769, 0.0235, 0.0941
CMYK	0.77, 0.00, 0.07, 0.02
HSL	174°, 94%, 60%
HSV	174°, 77%, 98%
XYZ	49.9819, 74.3907, 87.3255
YIQ	189.5400, -108.6540, -46.3020

Conversions

Conversions Part 2

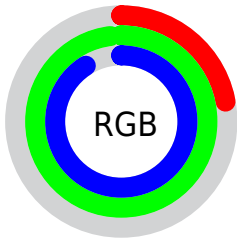
Format	Color
RYB	57, 158, 249
Decimal	3799527
CIELab	89.11, -49.47, -4.60
CIELCh	89, 49.681, 185.313
Yxy	74.3907, 0.2361, 0.3514
Android (android.graphics.Color)	4281989607 (0xFF39F9E7)
YUV	189.5400, 20.4398, -116.2376
Hunter-Lab	86.2500, -47.4968, 0.3458

Details

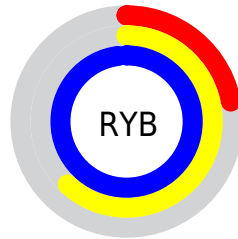
The Yxy color **74.3907, 0.2361, 0.3514** is a light color, and the websafe version is hex **00FFFF**. The color can be described as light washed cyan. A complement of this color would be **23.5644, 0.5622, 0.3170**, and the grayscale version is **51.1262, 0.3127, 0.3290**.

A 20% lighter version of the original color is **83.8909, 0.2501, 0.3288**, and **40.8339, 0.2319, 0.3549** is the 20% darker color. If you saturate the color by 10%, you get **73.7027, 0.2337, 0.3546**, and if you desaturate by 10%, it is **75.4443, 0.2404, 0.3482**.

Distribution



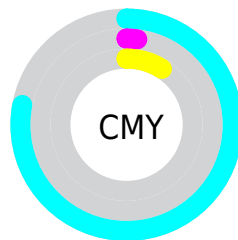
- Red (22%)
- Green (98%)
- Blue (91%)



- Red (22%)
- Yellow (62%)
- Blue (98%)



- Cyan (77%)
- Magenta (0%)
- Yellow (7%)
- Black (2%)




- Cyan (78%)
- Magenta (2%)
- Yellow (9%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 74.3907, 0.2361, 0.3514 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 74.3907, 0.2361, 0.3514 by changing the saturation by 10% instead.


 74.3907, 0.2361,
0.3514

 74.3907, 0.2361,
0.3514


475.8207, 0.2708,
0.3417


 55.1139, 0.2284,
0.3534


 125.4495, 0.2480,
0.3482


 39.4929, 0.2190,
0.3559


 158.0003, 0.2526,
0.3469

 27.1434, 0.2074,
0.3588


 195.7444, 0.2567,
0.3457

 17.6809, 0.1925,
0.3624

 239.0665, 0.2602,
0.3447

 10.7212, 0.1730,
0.3668

288.3507, 0.2633,
0.3439

 5.8797, 0.1466,
0.3721


343.9816, 0.2661,

 2.7720, 0.1095,

0.3431

0.3779

406.3434, 0.2685,
0.3423

 1.0139, 0.0000,
0.4042


 0.0000, 0.0000,
0.0000


 74.3907, 0.2361,
0.3514


 74.3907, 0.2361,
0.3514


 73.7027, 0.2337,
0.3546


 75.4443, 0.2404,
0.3482


 73.3121, 0.2330,
0.3578


 76.9013, 0.2467,
0.3449


 73.2298, 0.2330,
0.3587


 78.8038, 0.2549,
0.3418


 81.1866, 0.2648,
0.3387

 84.0809, 0.2762,
0.3358

 87.5154, 0.2889,
0.3331

 91.5166, 0.3026,
0.3306

 95.8988, 0.3161,
0.3284

 96.0459, 0.3147,
0.3261

Harmonies

Analogous

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



74.3907, 0.2832, 0.4082



74.3907, 0.2361, 0.3514



74.3907, 0.2104, 0.2932

Triad

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



74.3907, 0.2361, 0.3514



74.3907, 0.2762, 0.2417



74.3907, 0.4266, 0.3924

Complementary

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



74.3907, 0.2361, 0.3514



23.5644, 0.5622, 0.3170

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.



74.3907, 0.4271, 0.3475



74.3907, 0.2361, 0.3514



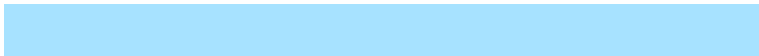
74.3907, 0.3351, 0.2652

Square

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



74.3907, 0.2361, 0.3514



74.3907, 0.2318, 0.2366



74.3907, 0.3924, 0.3026



74.3907, 0.3939, 0.4273

Rectangle

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



74.3907, 0.2361, 0.3514



74.3907, 0.2069, 0.2641



74.3907, 0.3924, 0.3026



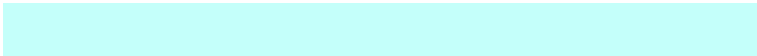
74.3907, 0.4308, 0.3780

Sweetspot

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



74.3935, 0.2361, 0.3514



90.1737, 0.2813, 0.3347



69.5924, 0.3070, 0.5681



19.0324, 0.2768, 0.3357



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.



74.3935, 0.2361, 0.3514



77.5172, 0.2331, 0.3566



37.2749, 0.2023, 0.2247



19.5789, 0.2993, 0.3312



39.2070, 0.2328, 0.3582



3.6392, 0.2318, 0.3544

Inverse Universe

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



23.5644, 0.5622, 0.3170



21.8415, 0.6179, 0.3226



37.4150, 0.5125, 0.3970



17.2516, 0.3279, 0.3268



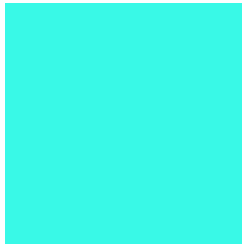
10.8231, 0.6296, 0.3242



1.0110, 0.6083, 0.3125

Previews

White Background



This preview shows how the Yxy color 74.3907, 0.2361, 0.3514 looks on a white background.

Color Contrast Check

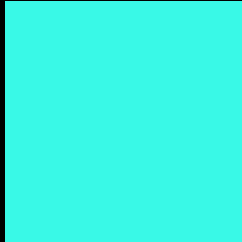
Large Text (above 18pt) WCAG AA × Fail

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 74.3907, 0.2361, 0.3514 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

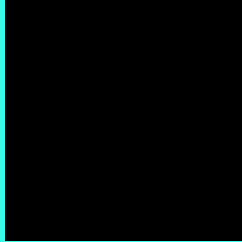
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 74.3907, 0.2361, 0.3514

Background



This preview shows how black text looks on a background with the Yxy color 74.3907, 0.2361, 0.3514.

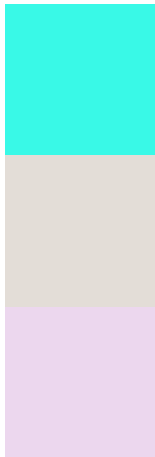


This preview shows how white text looks on a background with the Yxy color 74.3907, 0.2361, 0.3514.

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

74.3907, 0.2361, 0.3514

Protanopia

72.9501, 0.3210, 0.3355

Deuteranopia

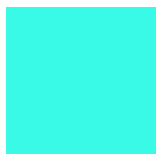
72.6068, 0.3124, 0.3052



Tritanopia

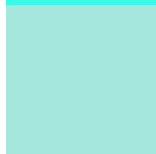
73.6988, 0.2446, 0.3102

Trichromacy



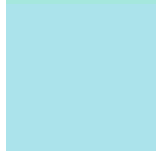
Original Color

74.3907, 0.2361, 0.3514



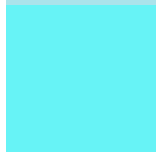
Protanomaly

70.3716, 0.2767, 0.3408



Deuteranomaly

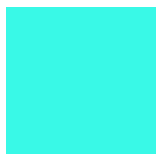
69.5943, 0.2721, 0.3196



Tritanomaly

73.6386, 0.2397, 0.3252

Monochromacy



Original Color

74.3907, 0.2361, 0.3514



Achromatopsia

51.4918, 0.3127, 0.3290



Achromatomaly

56.7471, 0.2698, 0.3367

CSS Examples

Text

The CSS property to change the color of the text to Yxy 74.3907, 0.2361, 0.3514 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(57, 249, 231)` looks like.

```
.text, #text, p{  
    color:rgb(57, 249, 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(57, 249, 231) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(57, 249, 231) }
```

Border

The CSS property to change the border of an element to Yxy 74.3907, 0.2361, 0.3514 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(57, 249, 231) }
```

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

```
.border{ border-color:rgb(57, 249, 231) }
```

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

Here you see how a box with a 4 pixel `rgb(57, 249, 231)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(57, 249, 231); -webkit-box-  
shadow:4px 4px 4px 4px rgb(57, 249, 231);  
box-shadow:4px 4px 4px 4px rgb(57, 249,  
231) }
```


Background

The CSS property to change the background color of an element to Yxy 74.3907, 0.2361, 0.3514 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(57, 249, 231) }
```

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

```
.background{ background-color: rgb(57, 249,  
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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