

Converting Colors

YUV(174.4350, 39.7185,
-139.8245)

Have a look what the booklet for
YUV(174.4350, 39.7185, -139.8245)
contains.

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Color

**YUV(174.4350, 39.7185,
-139.8245)**

Conversions

Conversions Part 1

Format	Color
Hex	0FF0FF
RGB	15, 240, 255
RGB Percent	6%, 94%, 100%
CMY	0.9412, 0.0588, 0.0000
CMYK	0.94, 0.06, 0.00, 0.00
HSL	184°, 100%, 53%
HSV	184°, 94%, 100%
XYZ	49.4071, 69.6417, 105.4459
YIQ	174.4350, -138.9150, -43.0350

Conversions

Conversions Part 2

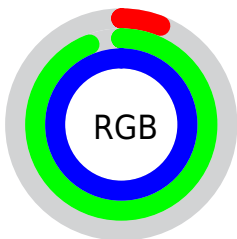
Format	Color
R _Y B	15, 131, 255
Decimal	1044735
CIE Lab	86.82, -41.17, -20.60
CIE LCh	87, 46.032, 206.578
Yxy	69.6417, 0.2201, 0.3102
Android (android.graphics.Color)	4279234815 (0xFF0FF0FF)
YUV	174.4350, 39.7185, -139.8245
Hunter-Lab	83.4516, -40.3604, -16.5002

Details

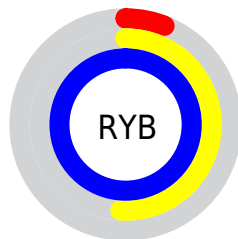
The YUV color **174.4350, 39.7185, -139.8245** is a light color, and the websafe version is hex **33FFFF**. The color can be described as light saturated cyan. A complement of this color would be **95.5650, -39.7185, 139.8245**, and the grayscale version is **174.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **214.9340, 19.7525, -82.3801**, and **129.9930, 33.5275, -114.0039** is the 20% darker color. If you saturate the color by 10%, you get **169.3630, 42.2190, -148.5314**, and if you desaturate by 10%, it is **183.3830, 35.3072, -124.8699**.

Distribution



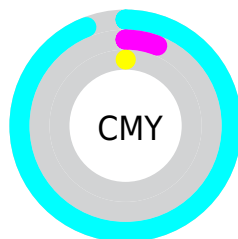
- Red (6%)
- Green (94%)
- Blue (100%)



- Red (6%)
- Yellow (51%)
- Blue (100%)



- Cyan (94%)
- Magenta (6%)
- Yellow (0%)
- Black (0%)



- Cyan (94%)
- Magenta (6%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the YUV color 174.4350, 39.7185, -139.8245 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 YUV color 174.4350, 39.7185, -139.8245 by changing the saturation by 10% instead.

174.4350, 39.7185,
-139.8245

174.4350, 39.7185,
-139.8245

255.0000, 0.0000,
0.0000

149.6210, 37.6548,
-131.2176

214.9340, 19.7525,
-82.3801

129.9930, 33.5275,
-114.0039

225.3990, 14.5933,
-60.8629

111.0660, 29.5475,
-97.4049

235.5650, 9.5815,
-39.9605

92.1390, 25.5675,
-80.8059

245.1330, 4.8644,
-20.2876

74.6140, 21.8823,
-65.4365

57.0890, 18.1971,
-50.0671

40.2650, 14.6594,

-35.3124

■ 24.8430, 11.4164,
-21.7873

■ 3.6650, 11.5042,
-3.2142

■ 174.4350, 39.7185,
-139.8245

■ 174.4350, 39.7185,
-139.8245

■ 169.3630, 42.2190,
-148.5314

■ 183.3830, 35.3072,
-124.8699

■ 191.4450, 31.3326,
-110.0153

■ 200.3930, 26.9213,
-95.0607

■ 208.4550, 22.9467,
-80.2060

■ 217.4030, 18.5353,
-65.2514

■ 226.0520, 14.2714,
-50.9116

■ 234.4130, 10.1494,
-35.4422

■ 243.0620, 5.8854,
-21.1024

■ 251.4230, 1.7635,
-5.6330

Harmonies

Analogous

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



193.3390, 8.7069, -86.2433



174.4350, 39.7185, -139.8245



184.6670, 34.6742, -108.4560

Triad

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



174.4350, 39.7185, -139.8245



218.6060, 17.9422, 31.9175



214.7860, -42.2925, 31.7597

Complementary

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



174.4350, 39.7185, -139.8245



95.5650, -39.7185, 139.8245

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.



209.1150, -31.1157, 40.2411



174.4350, 39.7185, -139.8245



209.7890, 7.0060, 39.6500

Square

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



174.4350, 39.7185, -139.8245



215.4510, 19.4977, -0.3955



206.0610, -12.3551, 42.9195



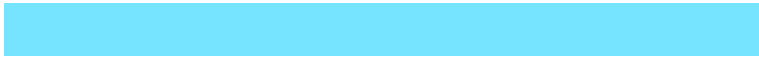
210.5750, -35.7795, -4.0123

Rectangle

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



174.4350, 39.7185, -139.8245



198.1880, 28.0083, -70.3249



206.0610, -12.3551, 42.9195



213.3890, -40.1248, 36.4928

Sweetspot

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



174.4350, 39.7185, -139.8245



231.4230, 11.6235, -41.5900



157.2480, -64.2123, -124.7515



113.0830, 7.3541, -25.5058



0.0000, 0.0000, 0.0000



128.0000, 0.0000, 0.0000

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



174.4350, 39.7185, -139.8245



169.3630, 42.2190, -148.5314



105.7560, 73.5773, -79.5930



123.5260, 2.2057, -7.4773



126.8470, 31.6274, -111.2448



42.5160, 10.5916, -37.2865

Inverse Universe

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



112.4100, 62.9019, 125.0514



103.4910, 66.8059, 132.8734



164.2440, -73.5773, 79.5930



120.2550, 3.3253, 6.7924



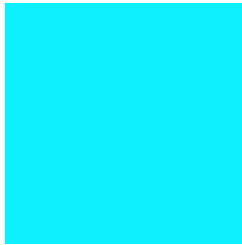
77.5150, 50.0321, 99.5263



25.9760, 16.7738, 33.3470

Previews

White Background



This preview shows how the YUV color 174.4350, 39.7185, -139.8245 looks on a white background.

Color Contrast Check

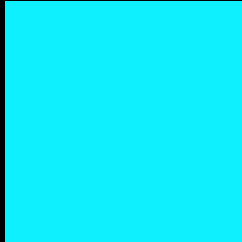
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the YUV color 174.4350, 39.7185, -139.8245 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](#).

YUV 174.4350, 39.7185, -139.8245 Background



This preview shows how black text looks on a background with the YUV color 174.4350, 39.7185, -139.8245.



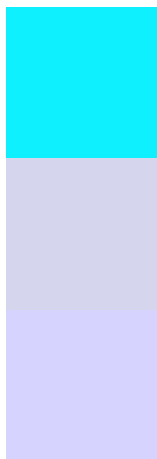
This preview shows how white text looks on a background with the YUV color 174.4350, 39.7185, -139.8245.

-139.8245.

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

174.4350, 39.7185, -139.8245

Protanopia

216.4370, 10.6306, -3.0142

Deuteranopia

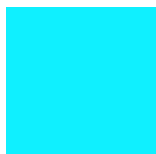
217.5000, 18.4875, -3.0695



Tritanopia

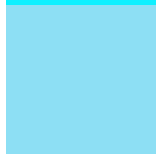
191.5110, 31.3001, -99.5491

Trichromacy



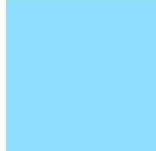
Original Color

174.4350, 39.7185, -139.8245



Protanomaly

200.8760, 21.2601, -52.5113



Deuteranomaly

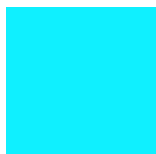
201.8420, 26.2069, -52.4814



Tritanomaly

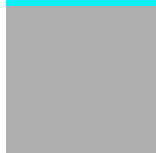
185.2210, 34.4010, -114.2038

Monochromacy



Original Color

174.4350, 39.7185, -139.8245



Achromatopsia

174.0000, 0.0000, 0.0000



Achromatomaly

174.0520, 14.2714, -50.9116

CSS Examples

Text

The CSS property to change the color of the text to YUV 174.4350, 39.7185, -139.8245 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(15, 240, 255)` looks like.

```
.text, #text, p{  
    color:rgb(15, 240, 255)  
}
```

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(15, 240, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(15, 240, 255) }
```

Border

The CSS property to change the border of an element to YUV 174.4350, 39.7185, -139.8245 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(15, 240, 255) }
```


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

```
.border{ border-color:rgb(15, 240, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(15, 240, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(15, 240, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(15, 240, 255);  
box-shadow:4px 4px 4px 4px rgb(15, 240,  
255) }
```

Background

The CSS property to change the background color of an element to YUV 174.4350, 39.7185, -139.8245 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(15, 240, 255) }
```

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

```
.background{ background-color: rgb(15, 240,  
255) }
```

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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