

Converting Colors

YUV(174.5350, 31.2882,
-142.5432)

Have a look what the booklet for
YUV(174.5350, 31.2882, -142.5432)
contains.

YUV(174.5350, 31.2882, -142.5432)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YUV(174.5350, 31.2882,
-142.5432)**

Conversions

Conversions Part 1

Format	Color
Hex	0CF5EE
RGB	12, 245, 238
RGB Percent	5%, 96%, 93%
CMY	0.9529, 0.0392, 0.0667
CMYK	0.95, 0.00, 0.03, 0.04
HSL	178°, 92%, 50%
HSV	178°, 95%, 96%
XYZ	48.2366, 71.5560, 92.1583
YIQ	174.5350, -136.6210, -51.5730

Conversions

Conversions Part 2

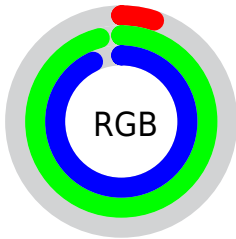
Format	Color
R_{YB}	12, 130, 245
Decimal	849390
CIE _{Lab}	87.75, -48.39, -10.30
CIE _{LCh}	88, 49.476, 192.014
Yxy	71.5560, 0.2276, 0.3376
Android (android.graphics.Color)	4279039470 (0xFF0CF5EE)
YUV	174.5350, 31.2882, -142.5432
Hunter-Lab	84.5908, -46.2469, -5.3805

Details

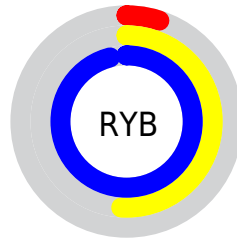
The YUV color **174.5350, 31.2882, -142.5432** is a light color, and the websafe version is hex **00FFFF**. The color can be described as light saturated cyan. A complement of this color would be **82.4650, -31.2882, 142.5432**, and the grayscale version is **174.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **214.3360, 20.0474, -83.6097**, and **131.1040, 25.0917, -114.9782** is the 20% darker color. If you saturate the color by 10%, you get **170.9470, 33.0571, -149.9205**, and if you desaturate by 10%, it is **181.8250, 28.1873, -127.8885**.

Distribution



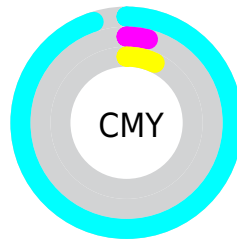
- Red (5%)
- Green (96%)
- Blue (93%)



- Red (5%)
- Yellow (51%)
- Blue (96%)



- Cyan (95%)
- Magenta (0%)
- Yellow (3%)
- Black (4%)



- Cyan (95%)
- Magenta (4%)
- Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the YUV color 174.5350, 31.2882, -142.5432 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 174.5350, 31.2882, -142.5432 by changing the saturation by 10% instead.

174.5350, 31.2882,
-142.5432

174.5350, 31.2882,
-142.5432

255.0000, 0.0000,
0.0000

150.7320, 29.2191,
-132.1920

214.3360, 20.0474,
-83.6097

131.1040, 25.0917,
-114.9782

224.8010, 14.8881,
-62.0925

111.5900, 21.4011,
-97.8644

234.9670, 9.8763,
-41.1901

92.7770, 17.8579,
-81.3654

244.5350, 5.1592,
-21.5172

74.6650, 14.4622,
-65.4812

254.1030, 0.4422,
-1.8443

57.2540, 11.2138,
-50.2118

39.9570, 8.4022,

-35.0423

■ 24.6490, 5.5960,
-21.6172

■ 2.2970, 6.2626,
-2.0145

■ 174.5350, 31.2882,
-142.5432

■ 174.5350, 31.2882,
-142.5432

■ 170.9470, 33.0571,
-149.9205

■ 181.8250, 28.1873,
-127.8885

■ 189.3000, 24.5021,
-112.5191

■ 196.8890, 21.2537,
-97.2497

■ 204.1790, 18.1528,
-82.5950

■ 211.4690, 15.0518,
-67.9403

■ 218.9440, 11.3666,
-52.5709

■ 226.2340, 8.2656,
-37.9162

■ 233.8230, 5.0173,
-22.6468

■ 241.4120, 1.7689,
-7.3773

Harmonies

Analogous

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



199.4690, -5.1612, -71.4483



174.5350, 31.2882, -142.5432



171.1240, 41.3509, -150.0757

Triad

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



174.5350, 31.2882, -142.5432



221.5080, 16.5116, 24.1105



212.6880, -40.2722, 37.1076

Complementary

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



174.5350, 31.2882, -142.5432



82.4650, -31.2882, 142.5432

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.



207.0750, -23.7010, 42.0302



174.5350, 31.2882, -142.5432



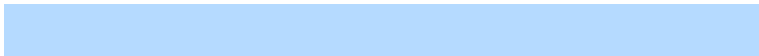
213.9270, 17.7840, 36.0210

Square

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



174.5350, 31.2882, -142.5432



211.1550, 21.6156, -26.4459



206.8080, -1.8773, 42.2644



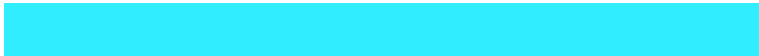
214.6330, -43.6961, 15.2309

Rectangle

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



174.5350, 31.2882, -142.5432



182.5410, 35.7223, -117.9925



206.8080, -1.8773, 42.2644



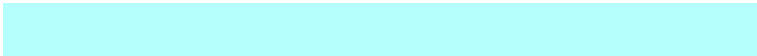
210.5510, -35.7676, 38.9818

Sweetspot

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



174.5350, 31.2882, -142.5432



232.6460, 10.0345, -45.2935



151.1630, -68.6074, -115.0300



114.3170, 5.7597, -27.4650



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.



174.5350, 31.2882, -142.5432



177.8430, 34.0944, -155.9683



111.3500, 65.8894, -87.1299



118.4120, 1.7689, -7.3773



129.8160, 25.2337, -113.8486



41.1310, 7.8234, -36.0719

Inverse Universe

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



82.4650, -31.2882, 142.5432



77.1570, -34.0944, 155.9683



145.6500, -65.8894, 87.1300



113.7020, -1.3321, 7.2773



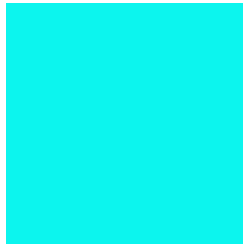
56.2980, -24.7969, 113.7487



17.8690, -7.8234, 36.0719

Previews

White Background



This preview shows how the YUV color 174.5350, 31.2882, -142.5432 looks on a white background.

Color Contrast Check

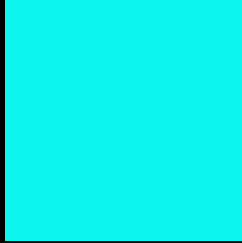
Large Text (above 18pt) WCAG AA × Fail

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 174.5350, 31.2882, -142.5432 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 174.5350, 31.2882, -142.5432 Background



This preview shows how black text looks on a background with the YUV color 174.5350, 31.2882, -142.5432.



This preview shows how white text looks on a background with the YUV color 174.5350, 31.2882, -142.5432.

Color Blindness Simulation

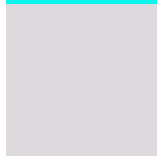
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



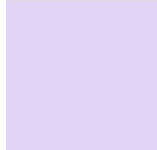
Original Color

174.5350, 31.2882, -142.5432



Protanopia

218.6520, 1.1576, 2.0592



Deuteranopia

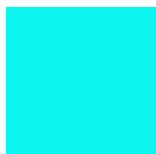
219.9480, 12.3506, 5.3076



Tritanopia

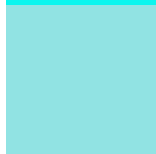
199.5730, 27.3255, -84.6945

Trichromacy



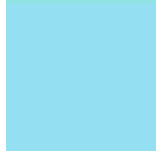
Original Color

174.5350, 31.2882, -142.5432



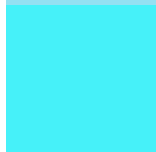
Protanomaly

202.4820, 12.0874, -50.4117



Deuteranomaly

203.3280, 19.0653, -48.5227



Tritanomaly

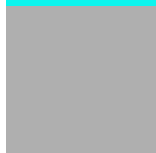
190.7830, 28.7010, -105.9267

Monochromacy



Original Color

174.5350, 31.2882, -142.5432



Achromatopsia

175.0000, 0.0000, 0.0000



Achromatomaly

174.6560, 11.5086, -51.4413

CSS Examples

Text

The CSS property to change the color of the text to YUV 174.5350, 31.2882, -142.5432 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(12, 245, 238)` looks like.

```
.text, #text, p{  
    color:rgb(12, 245, 238)  
}
```

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(12, 245, 238) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(12, 245, 238) }
```

Border

The CSS property to change the border of an element to YUV 174.5350, 31.2882, -142.5432 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(12, 245, 238) }
```


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

```
.border{ border-color:rgb(12, 245, 238) }
```

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

Here you see how a box with a 4 pixel rgb(12, 245, 238) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(12, 245, 238); -webkit-box-  
shadow:4px 4px 4px 4px rgb(12, 245, 238);  
box-shadow:4px 4px 4px 4px rgb(12, 245,  
238) }
```

Background

The CSS property to change the background color of an element to YUV 174.5350, 31.2882, -142.5432 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(12, 245, 238) }
```

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

```
.background{ background-color: rgb(12, 245,  
238) }
```

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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