

Converting Colors

YUV(173.9350, 14.8220,
-87.6430)

Have a look what the booklet for
YUV(173.9350, 14.8220, -87.6430)
contains.

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Color

**YUV(173.9350, 14.8220,
-87.6430)**

Conversions

Conversions Part 1

Format	Color
Hex	4ADBCC
RGB	74, 219, 204
RGB Percent	29%, 86%, 80%
CMY	0.7098, 0.1412, 0.2000
CMYK	0.66, 0.00, 0.07, 0.14
HSL	174°, 67%, 57%
HSV	174°, 66%, 86%
XYZ	39.0546, 56.4785, 65.9698
YIQ	173.9350, -81.6050, -35.4050

Conversions

Conversions Part 2

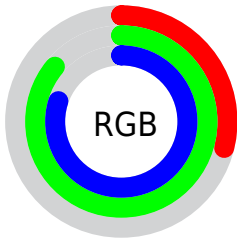
Format	Color
RYB	74, 150, 219
Decimal	4905932
CIELab	79.89, -41.58, -3.92
CIELCh	80, 41.764, 185.380
Yxy	56.4785, 0.2418, 0.3497
Android (android.graphics.Color)	4283096012 (0xFF4ADBCC)
YUV	173.9350, 14.8220, -87.6430
Hunter-Lab	75.1522, -38.7545, 0.5608

Details

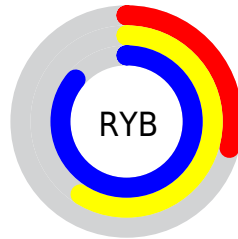
The YUV color **173.9350, 14.8220, -87.6430** is a light color, and the websafe version is hex **33CCCC**. The color can be described as light muted cyan. A complement of this color would be **119.0650, -14.8220, 87.6430**, and the grayscale version is **174.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **220.3160, 17.0992, -71.3141**, and **112.7810, 18.3490, -98.9089** is the 20% darker color. If you saturate the color by 10%, you get **167.1290, 17.1914, -100.9681**, and if you desaturate by 10%, it is **180.7410, 12.4527, -74.3179**.

Distribution



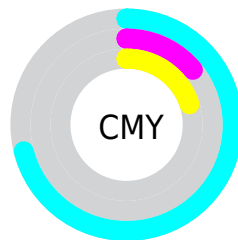
- Red (29%)
- Green (86%)
- Blue (80%)



- Red (29%)
- Yellow (59%)
- Blue (86%)



- Cyan (66%)
- Magenta (0%)
- Yellow (7%)
- Black (14%)



- Cyan (71%)
- Magenta (14%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the YUV color 173.9350, 14.8220, -87.6430 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 173.9350, 14.8220, -87.6430 by changing the saturation by 10% instead.

■ 173.9350, 14.8220,
-87.6430

■ 173.9350, 14.8220,
-87.6430

255.0000, 0.0000,
0.0000

■ 140.9660, 17.7648,
-98.1942

■ 220.3160, 17.0992,
-71.3141

■ 112.7810, 18.3490,
-98.9089

■ 229.5850, 12.5296,
-52.2560

■ 93.9680, 14.8058,
-82.4099

■ 238.8540, 7.9600,
-33.1980

■ 75.8560, 11.4100,
-66.5257

■ 247.8240, 3.5378,
-14.7546

■ 58.5590, 8.5984,
-51.3562

■ 41.8490, 5.4974,
-36.7016

■ 27.1280, 2.4019,

-23.7913

■ 1.0260, 3.9312,
-0.8998

■ 0.0000, 0.0000,
0.0000

■ 173.9350, 14.8220,
-87.6430

■ 173.9350, 14.8220,
-87.6430

■ 167.1290, 17.1914,
-100.9681

■ 180.7410, 12.4527,
-74.3179

■ 160.2090, 19.1240,
-114.1933

■ 187.6610, 10.5201,
-61.0927


■ 153.4030, 21.4933,
-127.5184

■ 194.4670, 8.1508,
-47.7676


■ 150.8970, 22.2358,
-132.3367

■ 201.2730, 5.7814,
-34.4424

 207.7800, 3.5595,
-21.7321

 214.7000, 1.6269,
-8.5069

 221.5060, -0.7425,
4.8182

 228.3120, -3.1118,
18.1434

 230.3340, -3.1227,
21.6321

Harmonies

Analogous

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



183.7600, -9.7417, -48.9015



173.9350, 14.8220, -87.6430



164.5350, 38.1902, -116.2332

Triad

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



173.9350, 14.8220, -87.6430



201.0530, 26.5959, 9.6005



197.9370, -34.4789, 45.6593

Complementary

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



173.9350, 14.8220, -87.6430



119.0650, -14.8220, 87.6430

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.



195.4660, -19.9497, 52.2113



173.9350, 14.8220, -87.6430



203.5320, 13.5417, 43.3834

Square

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



173.9350, 14.8220, -87.6430



192.2170, 30.9520, -34.3933



196.7490, -2.3413, 51.0861



194.7890, -36.8710, 19.4790

Rectangle

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



173.9350, 14.8220, -87.6430



172.6390, 40.6040, -97.0304



196.7490, -2.3413, 51.0861



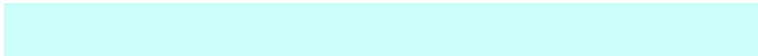
197.2950, -30.7114, 50.6073

Sweetspot

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



173.9350, 14.8220, -87.6430



239.1810, 5.3338, -30.8537



164.1980, -44.4676, -64.1946



118.2750, 2.8224, -18.6582



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.



173.9350, 14.8220, -87.6430



192.5070, 20.4560, -121.4706



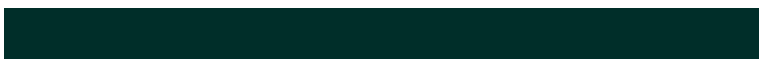
142.7730, 37.5799, -60.3139



106.5970, 1.1847, -6.6626



119.2210, 17.6390, -104.5568



31.6760, 4.5967, -27.7799

Inverse Universe

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



119.0650, -14.8220, 87.6430



116.3790, -20.8928, 121.5706



150.2270, -37.5799, 60.3139



102.4030, -1.1847, 6.6626



53.7790, -17.6390, 104.5568



14.3240, -4.5967, 27.7799

Previews

White Background



This preview shows how the YUV color 173.9350, 14.8220, -87.6430 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 173.9350, 14.8220, -87.6430 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

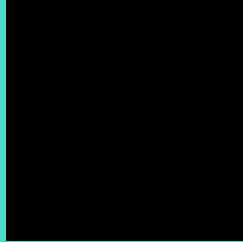
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

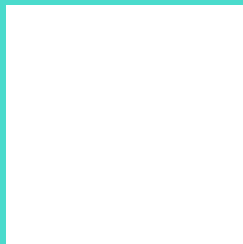
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 173.9350, 14.8220, -87.6430

Background



This preview shows how black text looks on a background with the YUV color 173.9350, 14.8220, -87.6430.

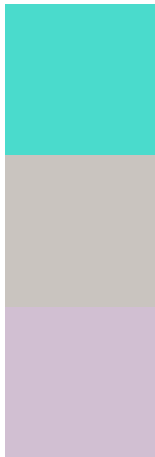


This preview shows how white text looks on a background with the YUV color 173.9350, 14.8220, -87.6430.

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

173.9350, 14.8220, -87.6430

Protanopia

196.9250, -2.9210, 3.5738

Deuteranopia

198.5480, 5.6458, 9.1664



Tritanopia

178.9650, 26.1463, -79.7763

Trichromacy



Original Color

173.9350, 14.8220, -87.6430



Protanomaly

188.4370, 3.7286, -29.3242



Deuteranomaly

189.5390, 9.1013, -25.9057



Tritanomaly

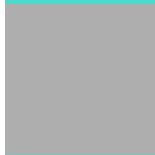
176.9170, 22.2259, -82.3652

Monochromacy



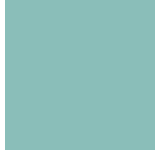
Original Color

173.9350, 14.8220, -87.6430



Achromatopsia

174.0000, 0.0000, 0.0000



Achromatomaly

173.8820, 5.4812, -31.4685

CSS Examples

Text

The CSS property to change the color of the text to YUV 173.9350, 14.8220, -87.6430 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(74, 219, 204)` looks like.

```
.text, #text, p{  
    color:rgb(74, 219, 204)  
}
```

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(74, 219, 204) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(74, 219, 204) }
```

Border

The CSS property to change the border of an element to YUV 173.9350, 14.8220, -87.6430 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(74, 219, 204) }
```


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

```
.border{ border-color:rgb(74, 219, 204) }
```

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

Here you see how a box with a 4 pixel `rgb(74, 219, 204)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(74, 219, 204); -webkit-box-  
shadow:4px 4px 4px 4px rgb(74, 219, 204);  
box-shadow:4px 4px 4px 4px rgb(74, 219,  
204) }
```

Background

The CSS property to change the background color of an element to YUV 173.9350, 14.8220, -87.6430 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(74, 219, 204) }
```

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

```
.background{ background-color: rgb(74, 219,  
204) }
```

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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