

Converting Colors

YUV(184.1570, 14.7126,
-99.2387)

Have a look what the booklet for
YUV(184.1570, 14.7126, -99.2387)
contains.

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Color

**YUV(184.1570, 14.7126,
-99.2387)**

Conversions

Conversions Part 1

Format	Color
Hex	47ECD6
RGB	71, 236, 214
RGB Percent	28%, 93%, 84%
CMY	0.7216, 0.0745, 0.1608
CMYK	0.70, 0.00, 0.09, 0.07
HSL	172°, 81%, 60%
HSV	172°, 70%, 93%
XYZ	44.7316, 66.1855, 74.0358
YIQ	184.1570, -91.2780, -41.8220

Conversions

Conversions Part 2

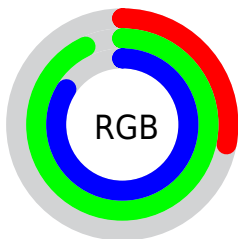
Format	Color
RYB	71, 159, 236
Decimal	4713686
CIELab	85.09, -46.82, -1.57
CIELCh	85, 46.842, 181.927
Yxy	66.1855, 0.2419, 0.3579
Android (android.graphics.Color)	4282903766 (0xFF47ECD6)
YUV	184.1570, 14.7126, -99.2387
Hunter-Lab	81.3545, -44.2247, 2.9919

Details

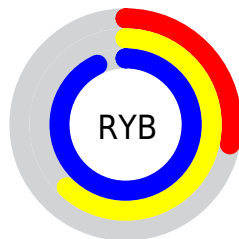
The YUV color **184.1570, 14.7126, -99.2387** is a light color, and the websafe version is hex **33FFFF**. The color can be described as light muted cyan. A complement of this color would be **122.8430, -14.7126, 99.2387**, and the grayscale version is **184.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **220.6150, 16.9518, -70.6994**, and **123.1990, 17.6499, -108.0455** is the 20% darker color. If you saturate the color by 10%, you get **176.6390, 16.9400, -113.6934**, and if you desaturate by 10%, it is **191.6750, 12.4852, -84.7840**.

Distribution



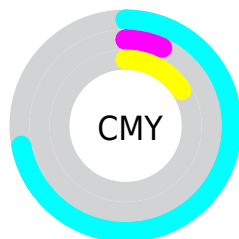
- Red (28%)
- Green (93%)
- Blue (84%)



- Red (28%)
- Yellow (62%)
- Blue (93%)



- Cyan (70%)
- Magenta (0%)
- Yellow (9%)
- Black (7%)



- Cyan (72%)
- Magenta (7%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the YUV color 184.1570, 14.7126, -99.2387 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 184.1570, 14.7126, -99.2387 by changing the saturation by 10% instead.

184.1570, 14.7126,
-99.2387

184.1570, 14.7126,
-99.2387

255.0000, 0.0000,
0.0000

146.3010, 19.5716,
-117.7820

220.6150, 16.9518,
-70.6994

123.1990, 17.6499,
-108.0455

230.1830, 12.2348,
-51.0265

104.3860, 14.1067,
-91.5465

239.4520, 7.6652,
-31.9684

85.6870, 11.0003,
-75.1475

248.7210, 3.0955,
-12.9103

67.6890, 8.0413,
-59.3633

50.3920, 5.2297,
-44.1938

34.3830, 2.2762,

-30.1539

■ 18.0150, 0.4856,
-15.7992

■ 0.0000, 0.0000,
0.0000

■ 184.1570, 14.7126,
-99.2387

■ 184.1570, 14.7126,
-99.2387

■ 176.6390, 16.9400,
-113.6934

■ 191.6750, 12.4852,
-84.7840


■ 169.4200, 19.0199,
-127.5333


■ 198.8940, 10.4053,
-70.9440


■ 161.9020, 21.2473,
-141.9881


■ 206.4120, 8.1779,
-56.4893

■ 213.7450, 6.5347,
-42.7494

 221.2630, 4.3073,
-28.2947

 228.7810, 2.0800,
-13.8399

 236.0000, 0.0000,
0.0000

 242.0230, -1.4903,
11.3808

 242.3650, -0.1799,
11.0809

Harmonies

Analogous

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



196.7120, -13.6620, -51.4904



184.1570, 14.7126, -99.2387



167.0150, 43.3766, -146.4722

Triad

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



184.1570, 14.7126, -99.2387



212.5490, 20.9283, 7.4115



206.1000, -35.0523, 42.8853

Complementary

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



184.1570, 14.7126, -99.2387



122.8430, -14.7126, 99.2387

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.



202.2310, -16.8759, 46.2784



184.1570, 14.7126, -99.2387



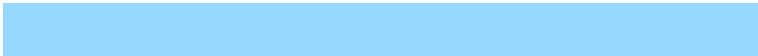
213.9100, 20.2574, 36.0359

Square

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



184.1570, 14.7126, -99.2387



201.0110, 26.6166, -43.8596



204.7850, 3.0640, 44.0386



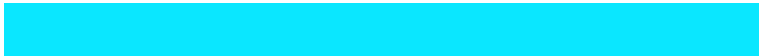
209.0410, -42.4182, 25.3970

Rectangle

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



184.1570, 14.7126, -99.2387



167.6570, 43.0601, -138.2652



204.7850, 3.0640, 44.0386



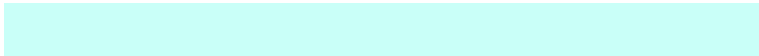
204.1910, -29.6742, 44.5595

Sweetspot

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



184.1570, 14.7126, -99.2387



238.0560, 4.9024, -32.4981



174.4330, -50.9925, -71.4167



117.8620, 2.5330, -19.1730



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.



184.1570, 14.7126, -99.2387



187.7080, 18.8780, -128.6629



150.8580, 41.9750, -70.0355



113.5970, 1.1847, -6.6626



124.1450, 16.1975, -108.8752



36.9420, 4.4656, -32.3981

Inverse Universe

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



122.8430, -14.7126, 99.2387



108.1780, -19.3148, 128.7629



156.1420, -41.9750, 70.0355



109.4030, -1.1847, 6.6626



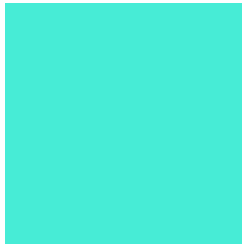
56.8550, -16.1975, 108.8752



16.9440, -4.9024, 32.4981

Previews

White Background



This preview shows how the YUV color 184.1570, 14.7126, -99.2387 looks on a white background.

Color Contrast Check

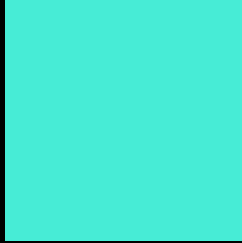
Large Text (above 18pt) WCAG AA × Fail

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 184.1570, 14.7126, -99.2387 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

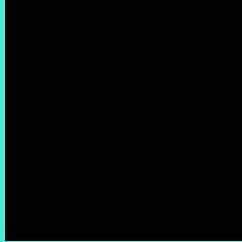
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

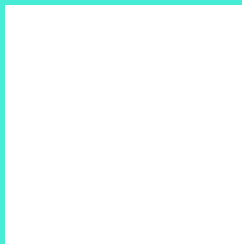
Any Text WCAG AAA ✓ Pass

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

YUV 184.1570, 14.7126, -99.2387 Background



This preview shows how black text looks on a background with the YUV color 184.1570, 14.7126, -99.2387.

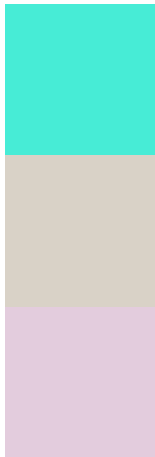


This preview shows how white text looks on a background with the YUV color 184.1570, 14.7126, -99.2387.

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

184.1570, 14.7126, -99.2387

Protanopia

210.8390, -5.8366, 5.4032

Deuteranopia

212.8150, 4.0352, 12.4402



Tritanopia

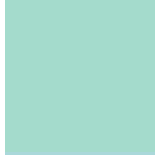
191.0070, 29.0835, -88.5831

Trichromacy



Original Color

184.1570, 14.7126, -99.2387



Protanomaly

200.8450, 1.5554, -32.3131



Deuteranomaly

202.4740, 7.6543, -28.4797



Tritanomaly

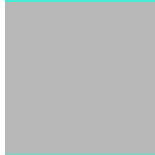
188.6060, 23.8582, -92.6165

Monochromacy



Original Color

184.1570, 14.7126, -99.2387



Achromatopsia

184.0000, 0.0000, 0.0000



Achromatomaly

184.1480, 5.3500, -36.0868

CSS Examples

Text

The CSS property to change the color of the text to YUV 184.1570, 14.7126, -99.2387 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(71, 236, 214)` looks like.

```
.text, #text, p{  
    color:rgb(71, 236, 214)  
}
```

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(71, 236, 214) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(71, 236, 214) }
```

Border

The CSS property to change the border of an element to YUV 184.1570, 14.7126, -99.2387 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(71, 236, 214) }
```


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

```
.border{ border-color:rgb(71, 236, 214) }
```

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

Here you see how a box with a 4 pixel `rgb(71, 236, 214)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(71, 236, 214); -webkit-box-  
shadow:4px 4px 4px 4px rgb(71, 236, 214);  
box-shadow:4px 4px 4px 4px rgb(71, 236,  
214) }
```

Background

The CSS property to change the background color of an element to YUV 184.1570, 14.7126, -99.2387 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(71, 236, 214) }
```

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

```
.background{ background-color: rgb(71, 236,  
214) }
```

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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