

Converting Colors

YUV(187.0980, 14.7417,
-14.9949)

Have a look what the booklet for
YUV(187.0980, 14.7417, -14.9949)
contains.

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Color

**YUV(187.0980, 14.7417,
-14.9949)**

Conversions

Conversions Part 1

Format	Color
Hex	AABED9
RGB	170, 190, 217
RGB Percent	67%, 75%, 85%
CMY	0.3333, 0.2549, 0.1490
CMYK	0.22, 0.12, 0.00, 0.15
HSL	214°, 38%, 76%
HSV	214°, 22%, 85%
XYZ	47.5154, 50.3827, 72.8661
YIQ	187.0980, -20.5870, 4.1570

Conversions

Conversions Part 2

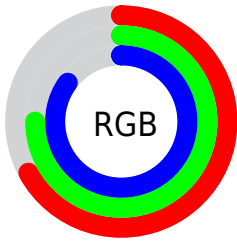
Format	Color
RYB	170, 184, 217
Decimal	11189977
CIELab	76.30, -1.03, -15.79
CIElCh	76, 15.828, 266.260
Yxy	50.3827, 0.2783, 0.2950
Android (android.graphics.Color)	4289380057 (0xFFAABED9)
YUV	187.0980, 14.7417, -14.9949
Hunter-Lab	70.9808, -4.7263, -11.1783

Details

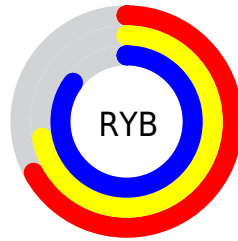
The YUV color **187.0980, 14.7417, -14.9949** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **199.9020, -14.7417, 14.9949**, and the grayscale version is **187.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **241.0460, 6.8793, -13.1953**, and **133.8700, 13.8681, -14.7950** is the 20% darker color. If you saturate the color by 10%, you get **173.4760, 21.4573, -22.3425**, and if you desaturate by 10%, it is **200.7200, 8.0260, -7.6474**.

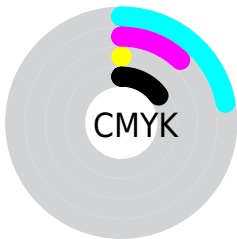
Distribution



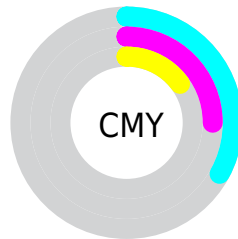
- Red (67%)
- Green (75%)
- Blue (85%)



- Red (67%)
- Yellow (72%)
- Blue (85%)



- Cyan (22%)
- Magenta (12%)
- Yellow (0%)
- Black (15%)



- Cyan (33%)
- Magenta (25%)
- Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the YUV color 187.0980, 14.7417, -14.9949 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 187.0980, 14.7417, -14.9949 by changing the saturation by 10% instead.

■ 187.0980, 14.7417,
-14.9949

■ 187.0980, 14.7417,
-14.9949

255.0000, 0.0000,
0.0000

■ 159.9840, 14.3049,
-14.8950

■ 241.0460, 6.8793,
-13.1953

■ 133.8700, 13.8681,
-14.7950

■ 108.1690, 13.7207,
-14.1802

■ 83.6420, 12.9945,
-14.5950

■ 60.5280, 12.5577,
-14.4951

■ 37.8160, 12.4157,
-15.6246

■ 17.5880, 11.5421,

-15.4247

■ 2.8670, 8.4466,
-2.5144

■ 0.0000, 0.0000,
0.0000

■ 187.0980, 14.7417,
-14.9949

■ 187.0980, 14.7417,
-14.9949

■ 173.4760, 21.4573,
-22.3425

■ 200.7200, 8.0260,
-7.6474

■ 159.5660, 28.3150,
-28.5604

■ 214.6300, 1.1684,
-1.4295

■ 145.9440, 35.0306,
-35.9079

■ 228.2520, -5.5472,
5.9180

■ 131.7350, 42.0356,
-42.7406

■ 241.8630,
-12.2575, 11.5211

■ 118.1130, 48.7513,
-50.0881

■ 248.9070,
-15.7302, 5.3436

■ 104.2030, 55.6089,
-56.3060

■ 250.6680,
-16.5983, 3.7992

■ 90.5810, 62.3246,
-63.6535

■ 78.7420, 68.1612,
-69.0567

Harmonies

Analogous

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



184.3910, 13.6112, -25.7759



187.0980, 14.7417, -14.9949



189.5020, 12.0775, -0.4403

Triad

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



187.0980, 14.7417, -14.9949



190.6180, -7.2067, 24.8910



184.6040, -6.2138, -13.6847

Complementary

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



187.0980, 14.7417, -14.9949



199.9020, -14.7417, 14.9949

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.



186.1990, -11.9301, -0.1745



187.0980, 14.7417, -14.9949



189.5160, -12.5794, 21.4725

Square

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



187.0980, 14.7417, -14.9949



191.1430, -0.0705, 22.6766



188.2930, -14.4414, 12.0210



183.4870, 1.2389, -24.1061

Rectangle

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



187.0980, 14.7417, -14.9949



190.6450, 8.5560, 9.0813



188.2930, -14.4414, 12.0210



185.3550, -8.5560, -9.0813

Sweetspot

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



187.0980, 14.7417, -14.9949



245.2320, 4.8156, -4.5885



200.6670, -1.8078, -26.8950



121.7870, 3.0630, -2.4442



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.



187.0980, 14.7417, -14.9949



212.9600, 20.7257, -21.0129



176.2550, 20.0873, -2.8546



102.6020, 3.6472, -3.1590



63.1600, 54.1511, -55.3913



16.9840, 14.3049, -14.8950

Inverse Universe

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



186.3330, 1.8078, 26.8950



211.9260, 2.5015, 37.7759



210.7450, -20.0873, 2.8546



102.7450, 0.1257, 6.3626



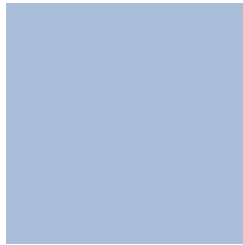
60.1630, 6.8216, 98.9580



16.0340, 1.9552, 26.2802

Previews

White Background



This preview shows how the YUV color 187.0980, 14.7417, -14.9949 looks on a white background.

Color Contrast Check

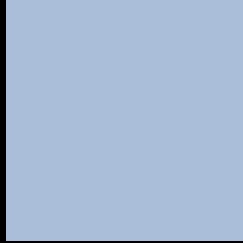
Large Text (above 18pt) WCAG AA × Fail

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 187.0980, 14.7417, -14.9949 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

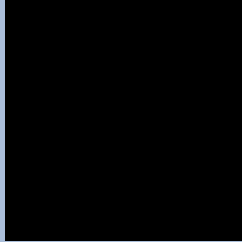
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 187.0980, 14.7417, -14.9949

Background



This preview shows how black text looks on a background with the YUV color 187.0980, 14.7417, -14.9949.



This preview shows how white text looks on a background with the YUV color 187.0980, 14.7417, -14.9949.

-14.9949.

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

187.0980, 14.7417, -14.9949

Protanopia

188.4090, 13.1094, -4.7437

Deuteranopia

189.6810, 13.9613, 2.0338



Tritanopia

186.5340, 10.0897, -16.2543

Trichromacy



Original Color

187.0980, 14.7417, -14.9949

Protanomaly

187.6150, 13.9938, -8.4324

Deuteranomaly

189.0500, 14.2724, -4.4288

Tritanomaly

186.7020, 11.9789, -15.5247

Monochromacy



Original Color

187.0980, 14.7417, -14.9949

Achromatopsia

187.0000, 0.0000, 0.0000

Achromatomaly

187.0470, 5.3998, -5.3032

CSS Examples

Text

The CSS property to change the color of the text to YUV 187.0980, 14.7417, -14.9949 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(170, 190, 217)` looks like.

```
.text, #text, p{  
    color:rgb(170, 190, 217)  
}
```

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(170, 190, 217) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(170, 190, 217) }
```

Border

The CSS property to change the border of an element to YUV 187.0980, 14.7417, -14.9949 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(170, 190, 217) }
```


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

```
.border{ border-color:rgb(170, 190, 217) }
```

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

Here you see how a box with a 4 pixel `rgb(170, 190, 217)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(170, 190, 217); -webkit-box-  
shadow:4px 4px 4px 4px rgb(170, 190, 217);  
box-shadow:4px 4px 4px 4px rgb(170, 190,  
217) }
```

Background

The CSS property to change the background color of an element to YUV 187.0980, 14.7417, -14.9949 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(170, 190, 217) }
```

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

```
.background{ background-color: rgb(170,  
190, 217) }
```

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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