

Converting Colors

YUV(187.4330, 16.5485,
-34.5827)

Have a look what the booklet for
YUV(187.4330, 16.5485, -34.5827)
contains.

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Color

**YUV(187.4330, 16.5485,
-34.5827)**

Conversions

Conversions Part 1

Format	Color
Hex	94C9DD
RGB	148, 201, 221
RGB Percent	58%, 79%, 87%
CMY	0.4196, 0.2118, 0.1333
CMYK	0.33, 0.09, 0.00, 0.13
HSL	196°, 52%, 72%
HSV	196°, 33%, 87%
XYZ	46.1505, 53.2896, 76.2602
YIQ	187.4330, -38.0080, -5.0160

Conversions

Conversions Part 2

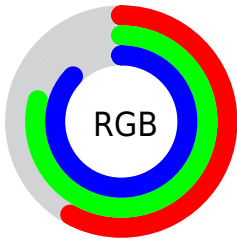
Format	Color
RYB	148, 179, 221
Decimal	9751005
CIELab	78.05, -12.38, -15.47
CIELCh	78, 19.809, 231.327
Yxy	53.2896, 0.2627, 0.3033
Android (android.graphics.Color)	4287941085 (0xFF94C9DD)
YUV	187.4330, 16.5485, -34.5827
Hunter-Lab	72.9998, -14.9017, -10.8382

Details

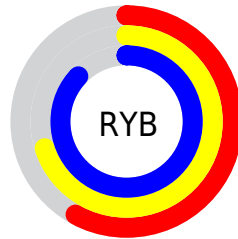
The YUV color $187.4330, 16.5485, -34.5827$ is a light color, and the websafe version is hex $99CCCC$. A complement of this color would be $181.5670, -16.5485, 34.5827$, and the grayscale version is $187.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $239.7510, 7.5178, -31.3536$, and $133.3190, 16.1117, -34.4828$ is the 20% darker color. If you saturate the color by 10%, you get $177.3330, 21.5278, -45.0190$, and if you desaturate by 10%, it is $197.5330, 11.5692, -24.1464$.

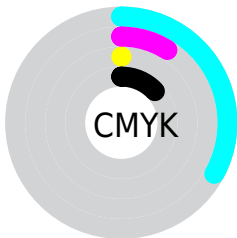
Distribution



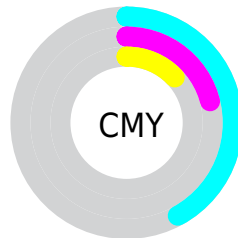
- Red (58%)
- Green (79%)
- Blue (87%)



- Red (58%)
- Yellow (70%)
- Blue (87%)



- Cyan (33%)
- Magenta (9%)
- Yellow (0%)
- Black (13%)



- Cyan (42%)
- Magenta (21%)
- Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the YUV color 187.4330, 16.5485, -34.5827 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 187.4330, 16.5485, -34.5827 by changing the saturation by 10% instead.

■ 187.4330, 16.5485,
-34.5827

■ 187.4330, 16.5485,
-34.5827

255.0000, 0.0000,
0.0000

■ 160.3190, 16.1117,
-34.4828

■ 239.7510, 7.5178,
-31.3536

■ 133.3190, 16.1117,
-34.4828

■ 248.4220, 3.2430,
-13.5251

■ 107.3190, 16.1117,
-34.4828

■ 81.6070, 15.9697,
-35.6123

■ 54.9050, 17.3018,
-42.8897

■ 36.8740, 14.3591,
-32.3385

■ 22.0390, 10.8268,

-19.3282

■ 3.3230, 10.1938,
-2.9143

■ 0.0000, 0.0000,
0.0000

■ 187.4330, 16.5485,
-34.5827

■ 187.4330, 16.5485,
-34.5827

■ 177.3330, 21.5278,
-45.0190

■ 197.5330, 11.5692,
-24.1464

■ 167.2330, 26.5071,
-55.4553

■ 207.6330, 6.5899,
-13.7101

■ 157.1330, 31.4864,
-65.8916

■ 217.7330, 1.6106,
-3.2738

■ 147.0330, 36.4657,
-76.3279

■ 227.8330, -3.3687,
7.1625

■ 136.9330, 41.4450,
-86.7642

■ 237.0360, -7.9057,
15.7544

■ 126.5340, 46.5717,
-97.8153

■ 240.5580, -9.6421,
12.6656

■ 119.1140, 50.2298,
-104.4630

■ 244.0800,
-11.3784, 9.5768

■ 247.6020,
-13.1148, 6.4880

■ 251.1240,
-14.8511, 3.3993

Harmonies

Analogous

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



185.7010, 10.0074, -36.5718



187.4330, 16.5485, -34.5827



190.7920, 18.8365, -21.7426

Triad

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



187.4330, 16.5485, -34.5827



196.8060, 1.0816, 26.4801



190.8850, -15.7193, 1.8549

Complementary

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



187.4330, 16.5485, -34.5827



181.5670, -16.5485, 34.5827

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.



193.1150, -17.8047, 17.4391



187.4330, 16.5485, -34.5827



196.1350, -7.9546, 31.4536

Square

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



187.4330, 16.5485, -34.5827



196.0200, 9.8501, 14.0145



194.3920, -14.4903, 27.7202



188.7950, -9.2659, -14.7292

Rectangle

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



187.4330, 16.5485, -34.5827



192.9290, 17.7830, -10.4617



194.3920, -14.4903, 27.7202



191.5760, -17.0460, 7.3878

Sweetspot

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



187.4330, 16.5485, -34.5827



243.4160, 5.7109, -11.7658



193.0170, -12.8264, -39.4799



120.2810, 3.8055, -7.2624



0.0000, 0.0000, 0.0000



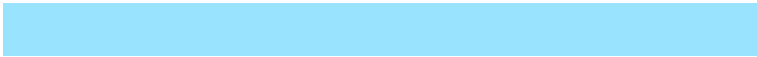
128.0000, 0.0000, 0.0000

Same Dimension

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



187.4330, 16.5485, -34.5827



208.0660, 23.1385, -48.2929



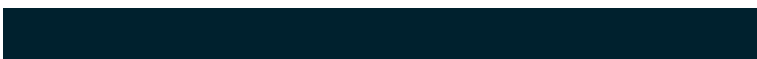
166.3010, 26.9666, -16.0500



104.9500, 2.4896, -5.2182



93.6840, 39.1028, -82.1609



24.6150, 10.5428, -21.5874

Inverse Universe

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



175.8690, 12.3896, 39.5799



191.9340, 17.2875, 55.3089



202.6990, -26.9666, 16.0500



103.2010, 1.8729, 5.9627



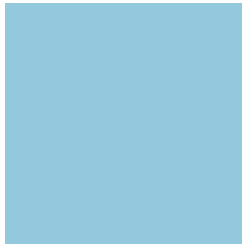
66.0910, 29.5351, 93.7592



17.5160, 7.6336, 24.9805

Previews

White Background



This preview shows how the YUV color 187.4330, 16.5485, -34.5827 looks on a white background.

Color Contrast Check

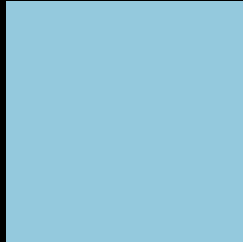
Large Text (above 18pt) WCAG AA × Fail

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 187.4330, 16.5485, -34.5827 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

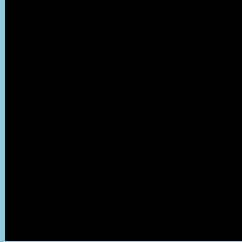
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 187.4330, 16.5485, -34.5827

Background



This preview shows how black text looks on a background with the YUV color 187.4330, 16.5485, -34.5827.



This preview shows how white text looks on a background with the YUV color 187.4330, 16.5485, -34.5827.

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

187.4330, 16.5485, -34.5827

Protanopia

193.1380, 10.7780, -3.6290

Deuteranopia

194.4960, 14.5455, 1.3190



Tritanopia

187.3790, 15.0962, -35.4124

Trichromacy



Original Color

187.4330, 16.5485, -34.5827

Protanomaly

191.2290, 12.7051, -15.1098

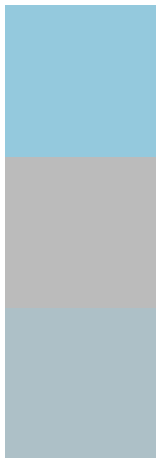
Deuteranomaly

192.2340, 15.1676, -11.6062

Tritanomaly

187.4930, 15.5330, -35.5124

Monochromacy



Original Color

187.4330, 16.5485, -34.5827

Achromatopsia

187.0000, 0.0000, 0.0000

Achromatomaly

187.1170, 5.8583, -12.3806

CSS Examples

Text

The CSS property to change the color of the text to YUV 187.4330, 16.5485, -34.5827 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(148, 201, 221)` looks like.

```
.text, #text, p{  
    color:rgb(148, 201, 221)  
}
```

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(148, 201, 221) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(148, 201, 221) }
```

Border

The CSS property to change the border of an element to YUV 187.4330, 16.5485, -34.5827 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(148, 201, 221) }
```


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

```
.border{ border-color:rgb(148, 201, 221) }
```

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

Here you see how a box with a 4 pixel rgb(148, 201, 221) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(148, 201, 221); -webkit-box-  
shadow:4px 4px 4px 4px rgb(148, 201, 221);  
box-shadow:4px 4px 4px 4px rgb(148, 201,  
221) }
```

Background

The CSS property to change the background color of an element to YUV 187.4330, 16.5485, -34.5827 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(148, 201, 221) }
```

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

```
.background{ background-color: rgb(148,  
201, 221) }
```

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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