

Converting Colors

YUV(189.3300, -4.1067,
-36.2464)

Have a look what the booklet for
YUV(189.3300, -4.1067, -36.2464)
contains.

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Color

**YUV(189.3300, -4.1067,
-36.2464)**

Conversions

Conversions Part 1

Format	Color
Hex	94D4B5
RGB	148, 212, 181
RGB Percent	58%, 83%, 71%
CMY	0.4196, 0.1686, 0.2902
CMYK	0.30, 0.00, 0.15, 0.17
HSL	151°, 43%, 71%
HSV	151°, 30%, 83%
XYZ	44.0967, 56.7191, 52.3398
YIQ	189.3300, -28.1930, -23.2090

Conversions

Conversions Part 2

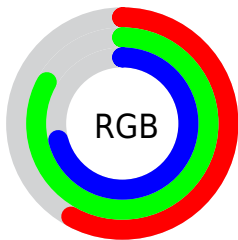
Format	Color
RYB	148, 190, 212
Decimal	9753781
CIELab	80.02, -26.81, 8.88
CIElCh	80, 28.246, 161.669
Yxy	56.7191, 0.2879, 0.3703
Android (android.graphics.Color)	4287943861 (0xFF94D4B5)
YUV	189.3300, -4.1067, -36.2464
Hunter-Lab	75.3121, -27.2808, 11.5135

Details

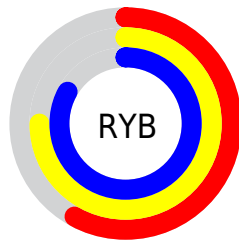
The YUV color $189.3300, -4.1067, -36.2464$ is a light color, and the websafe version is hex $99CC99$. A complement of this color would be $170.6700, 4.1067, 36.2464$, and the grayscale version is $189.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $237.4000, -0.1972, -30.1688$, and $135.1560, -3.5279, -35.2168$ is the 20% darker color. If you saturate the color by 10%, you get $181.9110, -5.3791, -48.1569$, and if you desaturate by 10%, it is $196.7490, -2.8343, -24.3359$.

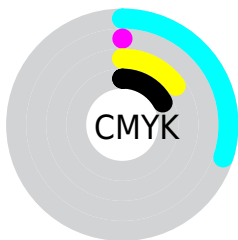
Distribution



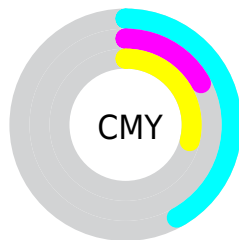
- Red (58%)
- Green (83%)
- Blue (71%)



- Red (58%)
- Yellow (75%)
- Blue (83%)



- Cyan (30%)
- Magenta (0%)
- Yellow (15%)
- Black (17%)



- Cyan (42%)
- Magenta (17%)
- Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the YUV color 189.3300, -4.1067, -36.2464 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 189.3300, -4.1067, -36.2464 by changing the saturation by 10% instead.

■ 189.3300, -4.1067,
-36.2464

■ 189.3300, -4.1067,
-36.2464

255.0000, 0.0000,
0.0000

■ 161.7430, -3.8173,
-35.7316

■ 237.4000, -0.1972,
-30.1688

■ 135.1560, -3.5279,
-35.2168

■ 248.1230, 3.3904,
-14.1399

■ 109.2700, -3.0911,
-35.3168

■ 83.7970, -2.3649,
-34.9020

■ 58.4160, -1.1911,
-38.0758

■ 37.4490, -1.2074,
-32.8428

■ 22.6140, -4.7397,

-19.8325

■ 0.0000, 0.0000,
0.0000

■ 189.3300, -4.1067,
-36.2464

■ 189.3300, -4.1067,
-36.2464

■ 181.9110, -5.3791,
-48.1569

■ 196.7490, -2.8343,
-24.3359

■ 174.3780, -7.0884,
-59.9675

■ 204.2820, -1.1250,
-12.5253

■ 166.6600, -8.2134,
-72.4928

■ 212.0000, 0.0000,
0.0000

■ 159.2410, -9.4858,
-84.4034

■ 219.4190, 1.2724,
11.9105

■ 151.8220,
-10.7582, -96.3139

■ 226.8380, 2.5449,
23.8211

■ 144.2890,
-12.4675, -108.1245

■ 228.3910, 7.2022,
23.3361

■ 136.8700,
-13.7399, -120.0350

■ 229.5310, 11.5702,
22.3363

■ 229.7590, 12.4438,
22.1364

Harmonies

Analogous

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



192.7430, -17.1283, -12.9296



189.3300, -4.1067, -36.2464



186.1180, 10.7878, -53.6005

Triad

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



189.3300, -4.1067, -36.2464



197.9590, 25.6562, -15.7500



200.3830, -17.4438, 41.7601

Complementary

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



189.3300, -4.1067, -36.2464



170.6700, 4.1067, 36.2464

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.



201.9670, -6.3927, 43.8789



189.3300, -4.1067, -36.2464



201.7730, 17.8599, 11.6001

Square

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



189.3300, -4.1067, -36.2464



192.5490, 27.3373, -41.7005



202.9300, 6.4435, 33.3874



198.4710, -24.3892, 29.4049

Rectangle

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



189.3300, -4.1067, -36.2464



186.2730, 19.0924, -57.2444



202.9300, 6.4435, 33.3874



200.9040, -14.2497, 43.9342

Sweetspot

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



189.3300, -4.1067, -36.2464



246.8690, -1.4144, -13.0401



195.1360, -23.2380, -13.2743



122.7170, -0.8465, -8.5218



0.0000, 0.0000, 0.0000



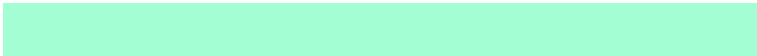
128.0000, 0.0000, 0.0000

Same Dimension

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



189.3300, -4.1067, -36.2464



222.4760, -5.6577, -52.1605



192.8640, 9.4340, -39.3457



103.1410, -0.5625, -6.2627



110.4090, -11.0476, -96.8287



27.7490, -2.8343, -24.3359

Inverse Universe

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



170.6700, 4.1067, 36.2464



195.6380, 6.0945, 52.0605



167.1360, -9.4340, 39.3457



99.9730, 0.9993, 6.1627



60.5910, 11.0476, 96.8287



15.2510, 2.8343, 24.3359

Previews

White Background



This preview shows how the YUV color 189.3300, -4.1067, -36.2464 looks on a white background.

Color Contrast Check

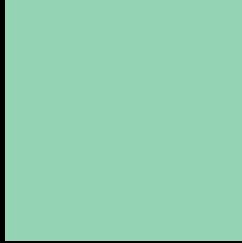
Large Text (above 18pt) WCAG AA × Fail

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 189.3300, -4.1067, -36.2464 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

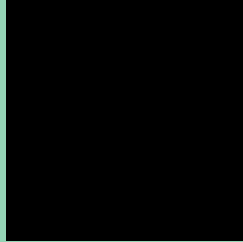
Any Text WCAG AA ✓ Pass

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 189.3300, -4.1067, -36.2464 Background



This preview shows how black text looks on a background with the YUV color 189.3300, -4.1067, -36.2464.



This preview shows how white text looks on a background with the YUV color 189.3300, -4.1067, -36.2464.

-36.2464.

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

189.3300, -4.1067, -36.2464

Protanopia

197.2540, -11.9572, 8.5472

Deuteranopia

199.2860, -7.0430, 19.0432



Tritanopia

193.2870, 14.6485, -31.8237

Trichromacy



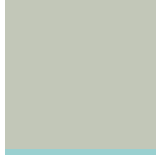
Original Color

189.3300, -4.1067, -36.2464



Protanomaly

194.2520, -8.9982, -7.2370



Deuteranomaly

195.7950, -5.8149, -1.5742



Tritanomaly

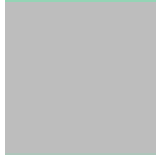
191.8540, 7.9600, -33.1980

Monochromacy



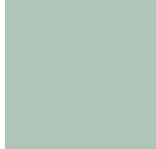
Original Color

189.3300, -4.1067, -36.2464



Achromatopsia

189.0000, 0.0000, 0.0000



Achromatomaly

188.8690, -1.4144, -13.0401

CSS Examples

Text

The CSS property to change the color of the text to YUV 189.3300, -4.1067, -36.2464 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, 212, 181)` looks like.

```
.text, #text, p{  
    color:rgb(148, 212, 181)  
}
```

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, 212, 181) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(148, 212, 181) }
```

Border

The CSS property to change the border of an element to YUV 189.3300, -4.1067, -36.2464 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, 212, 181) }
```


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

```
.border{ border-color:rgb(148, 212, 181) }
```

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

Here you see how a box with a 4 pixel `rgb(148, 212, 181)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(148, 212, 181); -webkit-box-  
shadow:4px 4px 4px 4px rgb(148, 212, 181);  
box-shadow:4px 4px 4px 4px rgb(148, 212,  
181) }
```

Background

The CSS property to change the background color of an element to YUV 189.3300, -4.1067, -36.2464 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(148, 212, 181) }
```

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

```
.background{ background-color: rgb(148,  
212, 181) }
```

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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