

Converting Colors

YUV(208.0650, 11.3070,
-33.3830)

Have a look what the booklet for
YUV(208.0650, 11.3070, -33.3830)
contains.

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Color

**YUV(208.0650, 11.3070,
-33.3830)**

Conversions

Conversions Part 1

Format	Color
Hex	AADFE7
RGB	170, 223, 231
RGB Percent	67%, 87%, 91%
CMY	0.3333, 0.1255, 0.0941
CMYK	0.26, 0.03, 0.00, 0.09
HSL	188°, 56%, 79%
HSV	188°, 26%, 91%
XYZ	57.3890, 67.0909, 85.5264
YIQ	208.0650, -34.1560, -8.7480

Conversions

Conversions Part 2

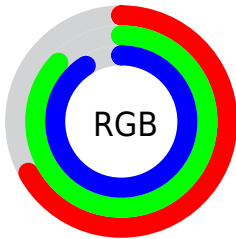
Format	Color
RYB	170, 198, 231
Decimal	11198439
CIELab	85.55, -15.11, -9.45
CIElCh	86, 17.822, 212.016
Yxy	67.0909, 0.2733, 0.3195
Android (android.graphics.Color)	4289388519 (0xFFAADFE7)
YUV	208.0650, 11.3070, -33.3830
Hunter-Lab	81.9090, -18.2760, -4.5721

Details

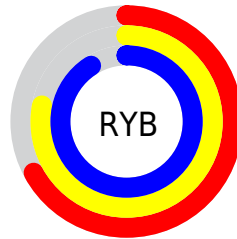
The YUV color $208.0650, 11.3070, -33.3830$ is a light color, and the websafe version is hex $99CCCC$. A complement of this color would be $192.9350, -11.3070, 33.3830$, and the grayscale version is $208.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $246.3290, 4.2748, -17.8285$, and $153.2500, 10.7227, -32.6683$ is the 20% darker color. If you saturate the color by 10%, you get $199.4270, 15.5655, -45.9785$, and if you desaturate by 10%, it is $216.7030, 7.0484, -20.7875$.

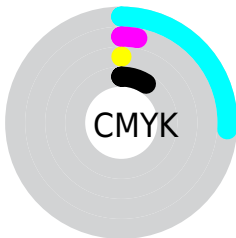
Distribution



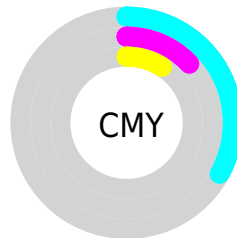
- Red (67%)
- Green (87%)
- Blue (91%)



- Red (67%)
- Yellow (78%)
- Blue (91%)



- Cyan (26%)
- Magenta (3%)
- Yellow (0%)
- Black (9%)



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

Brightness & Saturation Gradients

These gradients show how the YUV color 208.0650, 11.3070, -33.3830 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 208.0650, 11.3070, -33.3830 by changing the saturation by 10% instead.

■ 208.0650, 11.3070,
-33.3830

■ 208.0650, 11.3070,
-33.3830

255.0000, 0.0000,
0.0000

■ 180.3640, 11.1595,
-32.7682

■ 246.3290, 4.2748,
-17.8285

■ 153.2500, 10.7227,
-32.6683

■ 126.6630, 11.0121,
-32.1535

■ 101.2500, 10.7227,
-32.6683

■ 75.9510, 10.8702,
-33.2830

■ 49.5590, 12.0494,
-38.2012

■ 32.3430, 9.6909,

-28.3648

■ 18.2090, 6.3060,
-15.9693

■ 0.4560, 1.7472,
-0.3999

■ 208.0650, 11.3070,
-33.3830

■ 208.0650, 11.3070,
-33.3830

■ 199.4270, 15.5655,
-45.9785

■ 216.7030, 7.0484,
-20.7875

■ 190.7890, 19.8240,
-58.5740

■ 225.3410, 2.7899,
-8.1921

■ 182.1510, 24.0826,
-71.1694

■ 233.9790, -1.4686,
4.4034

■ 173.5130, 28.3411,
-83.7649

■ 240.5240, -4.6953,
12.6955

■ 164.5760, 32.7470,
-96.9752

■ 242.2850, -5.5635,
11.1511

■ 155.9380, 37.0056,
-109.5706

■ 244.0460, -6.4317,
9.6067

■ 147.3000, 41.2641,
-122.1661

■ 245.8070, -7.2999,
8.0623

■ 144.3210, 42.7327,
-126.5695

■ 247.5680, -8.1680,
6.5179

■ 249.3290, -9.0362,
4.9735

Harmonies

Analogous

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



207.9100, 3.0024, -29.7391



208.0650, 11.3070, -33.3830



210.0640, 16.2374, -28.1201

Triad

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



208.0650, 11.3070, -33.3830



216.8310, 6.4923, 17.6882



213.1250, -16.3306, 11.2914

Complementary

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



208.0650, 11.3070, -33.3830



192.9350, -11.3070, 33.3830

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.



215.2450, -14.9108, 22.5871



208.0650, 11.3070, -33.3830



217.0080, -1.9759, 27.1800

Square

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



208.0650, 11.3070, -33.3830



215.7520, 12.9403, 2.8485



216.0700, -9.4015, 28.8796



210.9490, -12.7929, -3.4633

Rectangle

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



208.0650, 11.3070, -33.3830



212.3470, 17.0839, -19.5983



216.0700, -9.4015, 28.8796



213.8590, -16.1995, 15.9097

Sweetspot

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



208.0650, 11.3070, -33.3830



247.2590, 3.8163, -10.7511



206.6050, -14.5953, -32.1026



122.9390, 2.4951, -6.9625



0.0000, 0.0000, 0.0000



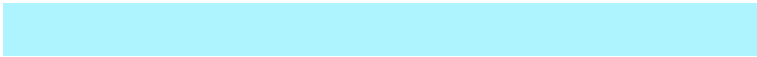
128.0000, 0.0000, 0.0000

Same Dimension

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



208.0650, 11.3070, -33.3830



224.0250, 15.2707, -44.7489



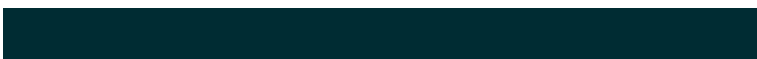
190.4550, 19.9887, -17.9390



110.2380, 2.3477, -6.3477



111.3910, 33.3312, -97.6899



31.6420, 9.5435, -27.7500

Inverse Universe

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



194.2810, 14.1585, 32.2026



205.6120, 18.9253, 43.3133



210.5450, -19.9887, 17.9390



107.7280, 2.5991, 6.3775



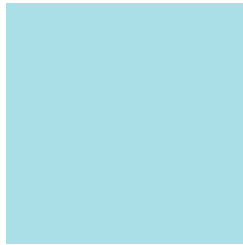
71.1910, 41.3178, 94.5485



20.2650, 11.7014, 26.9546

Previews

White Background



This preview shows how the YUV color 208.0650, 11.3070, -33.3830 looks on a white background.

Color Contrast Check

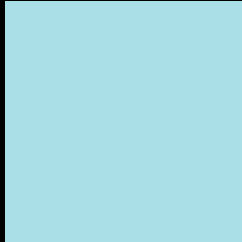
Large Text (above 18pt) WCAG AA × Fail

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 208.0650, 11.3070, -33.3830 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

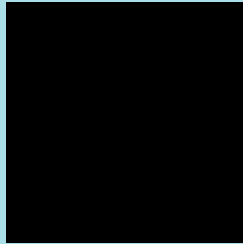
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 208.0650, 11.3070, -33.3830

Background



This preview shows how black text looks on a background with the YUV color 208.0650, 11.3070, -33.3830.



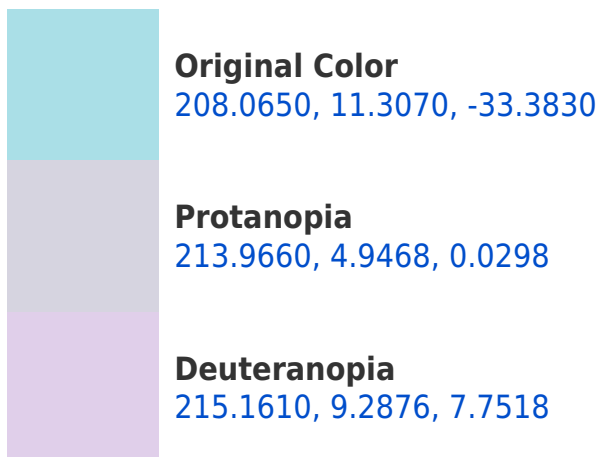
This preview shows how white text looks on a background with the YUV color 208.0650, 11.3070, -33.3830.

-33.3830.

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

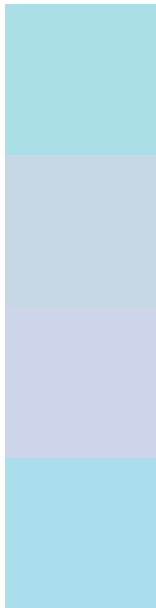




Tritanopia

208.9880, 14.7959, -32.4385

Trichromacy



Original Color

208.0650, 11.3070, -33.3830

Protanomaly

211.8720, 7.4581, -12.1657

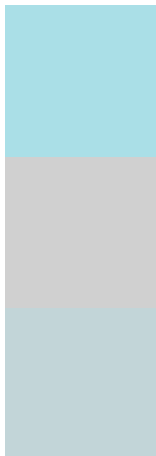
Deuteranomaly

212.5890, 10.0626, -7.5326

Tritanomaly

208.3470, 13.6329, -32.7533

Monochromacy



Original Color

208.0650, 11.3070, -33.3830

Achromatopsia

208.0000, 0.0000, 0.0000

Achromatomaly

207.6610, 4.1111, -11.9807

CSS Examples

Text

The CSS property to change the color of the text to YUV 208.0650, 11.3070, -33.3830 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, 223, 231)` looks like.

```
.text, #text, p{  
    color:rgb(170, 223, 231)  
}
```

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, 223, 231) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(170, 223, 231) }
```

Border

The CSS property to change the border of an element to YUV 208.0650, 11.3070, -33.3830 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, 223, 231) }
```


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

```
.border{ border-color:rgb(170, 223, 231) }
```

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

Here you see how a box with a 4 pixel `rgb(170, 223, 231)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(170, 223, 231); -webkit-box-  
shadow:4px 4px 4px 4px rgb(170, 223, 231);  
box-shadow:4px 4px 4px 4px rgb(170, 223,  
231) }
```

Background

The CSS property to change the background color of an element to YUV 208.0650, 11.3070, -33.3830 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(170, 223, 231) }
```

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

```
.background{ background-color: rgb(170,  
223, 231) }
```

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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