

Converting Colors

YUV(213.2590, -3.0857,
-37.0611)

Have a look what the booklet for
YUV(213.2590, -3.0857, -37.0611)
contains.

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Color

**YUV(213.2590, -3.0857,
-37.0611)**

Conversions

Conversions Part 1

Format	Color
Hex	ABECCF
RGB	171, 236, 207
RGB Percent	67%, 93%, 81%
CMY	0.3294, 0.0745, 0.1882
CMYK	0.28, 0.00, 0.12, 0.07
HSL	153°, 63%, 80%
HSV	153°, 28%, 93%
XYZ	58.0525, 73.1538, 70.0919
YIQ	213.2590, -29.4310, -22.7990

Conversions

Conversions Part 2

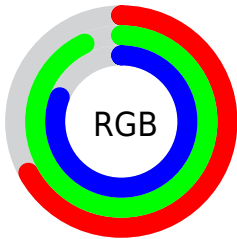
Format	Color
RYB	171, 213, 236
Decimal	11267279
CIELab	88.52, -26.30, 7.52
CIELCh	89, 27.349, 164.042
Yxy	73.1538, 0.2884, 0.3634
Android (android.graphics.Color)	4289457359 (0xFFABECCF)
YUV	213.2590, -3.0857, -37.0611
Hunter-Lab	85.5300, -28.5227, 11.2828

Details

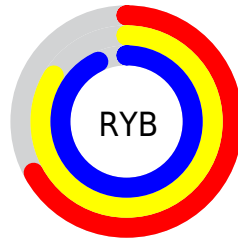
The YUV color $213.2590, -3.0857, -37.0611$ is a light color, and the websafe version is hex $CCFFCC$. A complement of this color would be $193.7410, 3.0857, 37.0611$, and the grayscale version is $213.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $246.9270, 3.9800, -16.5990$, and $158.0850, -2.5069, -36.0315$ is the 20% darker color. If you saturate the color by 10%, you get $204.8290, -4.3527, -50.7160$, and if you desaturate by 10%, it is $221.6890, -1.8187, -23.4063$.

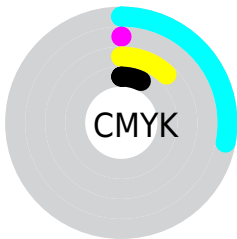
Distribution



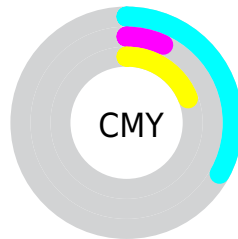
- Red (67%)
- Green (93%)
- Blue (81%)



- Red (67%)
- Yellow (84%)
- Blue (93%)



- Cyan (28%)
- Magenta (0%)
- Yellow (12%)
- Black (7%)



- Cyan (33%)
- Magenta (7%)
- Yellow (19%)

Brightness & Saturation Gradients

These gradients show how the YUV color 213.2590, -3.0857, -37.0611 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 213.2590, -3.0857, -37.0611 by changing the saturation by 10% instead.

 213.2590, -3.0857,
-37.0611

 213.2590, -3.0857,
-37.0611


255.0000, 0.0000,
0.0000


 185.5580, -3.2331,
-36.4464


 246.9270, 3.9800,
-16.5990

 158.0850, -2.5069,
-36.0315

 131.4980, -2.2175,
-35.5167

 105.6120, -1.7807,
-35.6167

 79.8400, -0.9071,
-35.8167

 53.8610, 0.5615,
-40.2201

 35.5740, -0.7760,

-31.1984

■ 20.7390, -4.3083,
-18.1881

■ 0.0000, 0.0000,
0.0000

■ 213.2590, -3.0857,
-37.0611

■ 213.2590, -3.0857,
-37.0611

■ 204.8290, -4.3527,
-50.7160

■ 221.6890, -1.8187,
-23.4063

■ 196.8120, -5.3303,
-63.8561

■ 229.7060, -0.8411,
-10.2662

■ 188.3820, -6.5973,
-77.5110

■ 238.1360, 0.4260,
3.3887

■ 180.3650, -7.5749,
-90.6511

■ 243.1630, 2.8776,
10.3810

■ 171.9350, -8.8420,
-104.3060

■ 243.8470, 5.4984,
9.7812

■ 163.6190, -9.6722,
-118.0609

■ 155.4880,
-11.0866, -131.1010

■ 153.4660,
-11.0757, -134.5897

Harmonies

Analogous

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



216.9600, -16.2493, -14.8739



213.2590, -3.0857, -37.0611



210.9440, 11.3666, -52.5709

Triad

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



213.2590, -3.0857, -37.0611



220.4020, 17.0568, -10.8766



219.6590, -16.1009, 30.9941

Complementary

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



213.2590, -3.0857, -37.0611



193.7410, 3.0857, 37.0611

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.



220.0470, -4.4602, 30.6538



213.2590, -3.0857, -37.0611



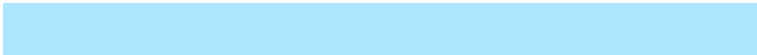
225.2850, 14.6495, 14.6591

Square

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



213.2590, -3.0857, -37.0611



215.2200, 19.6115, -37.0269



223.5980, 6.6072, 27.5396



222.7590, -24.5312, 28.2754

Rectangle

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



213.2590, -3.0857, -37.0611



211.2840, 19.0870, -55.5001



223.5980, 6.6072, 27.5396



219.2830, -12.4645, 31.3238

Sweetspot

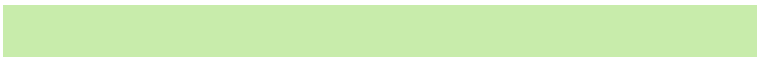
The Sweet Spot groups the original color and five complimentary colors.



213.2590, -3.0857, -37.0611



247.9940, -0.9830, -11.3957



217.8260, -23.0852, -15.6334



123.4290, -0.7045, -7.3922



0.0000, 0.0000, 0.0000



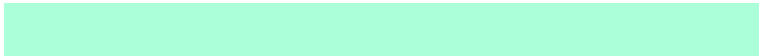
128.0000, 0.0000, 0.0000

Same Dimension

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



213.2590, -3.0857, -37.0611



225.5520, -4.2161, -47.8421



214.8040, 10.4496, -38.4161



113.1410, -0.5625, -6.2627



117.6470, -8.7000, -103.1764



35.1180, -2.5232, -30.7985

Inverse Universe

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



193.7410, 3.0857, 37.0611



200.3340, 3.7793, 47.9421



192.1960, -10.4496, 38.4161



109.8590, 0.5625, 6.2627



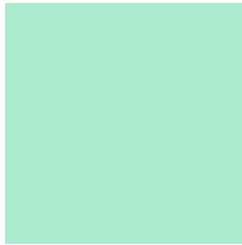
63.3530, 8.7000, 103.1764



18.8820, 2.5232, 30.7985

Previews

White Background



This preview shows how the YUV color 213.2590, -3.0857, -37.0611 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 213.2590, -3.0857, -37.0611 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

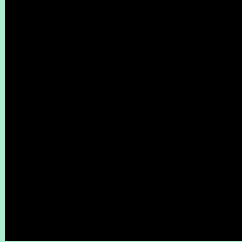
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

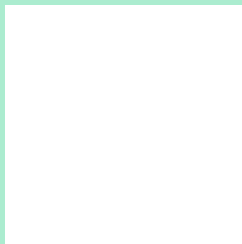
Any Text WCAG AAA ✓ Pass

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

YUV 213.2590, -3.0857, -37.0611 Background



This preview shows how black text looks on a background with the YUV color 213.2590, -3.0857, -37.0611.



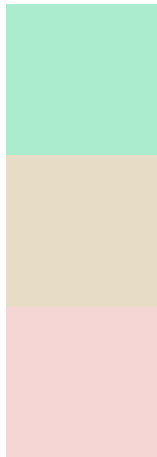
This preview shows how white text looks on a background with the YUV color 213.2590, -3.0857,

-37.0611.

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

213.2590, -3.0857, -37.0611

Protanopia

221.4820, -11.0836, 8.3473

Deuteranopia

223.3400, -5.5906, 19.8728



Tritanopia

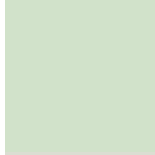
216.8030, 15.3801, -33.1532

Trichromacy



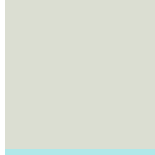
Original Color

213.2590, -3.0857, -37.0611



Protanomaly

218.1810, -7.9772, -8.0517



Deuteranomaly

219.7350, -4.7994, -0.6446



Tritanomaly

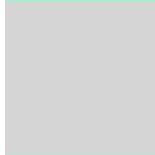
215.3700, 8.6916, -34.5275

Monochromacy



Original Color

213.2590, -3.0857, -37.0611



Achromatopsia

213.0000, 0.0000, 0.0000



Achromatomaly

212.9830, -0.9776, -13.1401

CSS Examples

Text

The CSS property to change the color of the text to YUV 213.2590, -3.0857, -37.0611 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(171, 236, 207)` looks like.

```
.text, #text, p{  
    color:rgb(171, 236, 207)  
}
```

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(171, 236, 207) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(171, 236, 207) }
```

Border

The CSS property to change the border of an element to YUV 213.2590, -3.0857, -37.0611 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(171, 236, 207) }
```


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

```
.border{ border-color:rgb(171, 236, 207) }
```

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

Here you see how a box with a 4 pixel `rgb(171, 236, 207)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(171, 236, 207); -webkit-box-  
shadow:4px 4px 4px 4px rgb(171, 236, 207);  
box-shadow:4px 4px 4px 4px rgb(171, 236,  
207) }
```

Background

The CSS property to change the background color of an element to YUV 213.2590, -3.0857, -37.0611 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(171, 236, 207) }
```

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

```
.background{ background-color: rgb(171,  
236, 207) }
```

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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