

Converting Colors

YUV(213.9600, -2.9383,
-37.6759)

Have a look what the booklet for
YUV(213.9600, -2.9383, -37.6759)
contains.

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Color

**YUV(213.9600, -2.9383,
-37.6759)**

Conversions

Conversions Part 1

Format	Color
Hex	ABEDD0
RGB	171, 237, 208
RGB Percent	67%, 93%, 82%
CMY	0.3294, 0.0706, 0.1843
CMYK	0.28, 0.00, 0.12, 0.07
HSL	154°, 65%, 80%
HSV	154°, 28%, 93%
XYZ	58.4639, 73.7804, 70.8342
YIQ	213.9600, -30.0270, -23.0110

Conversions

Conversions Part 2

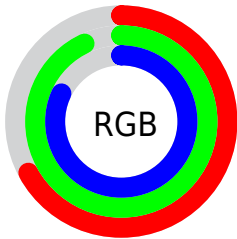
Format	Color
RYB	171, 213, 237
Decimal	11267536
CIELab	88.82, -26.58, 7.42
CIELCh	89, 27.596, 164.392
Yxy	73.7804, 0.2879, 0.3633
Android (android.graphics.Color)	4289457616 (0xFFABEDD0)
YUV	213.9600, -2.9383, -37.6759
Hunter-Lab	85.8955, -28.8228, 11.2330

Details

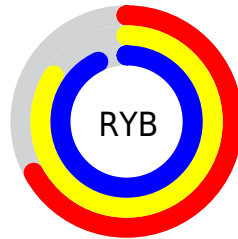
The YUV color $213.9600, -2.9383, -37.6759$ is a light color, and the websafe version is hex $CCFFCC$. A complement of this color would be $194.0400, 2.9383, 37.6759$, and the grayscale version is $214.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $246.9270, 3.9800, -16.5990$, and $158.7860, -2.3595, -36.6463$ is the 20% darker color. If you saturate the color by 10%, you get $205.6440, -3.7685, -51.4308$, and if you desaturate by 10%, it is $222.2760, -2.1081, -23.9211$.

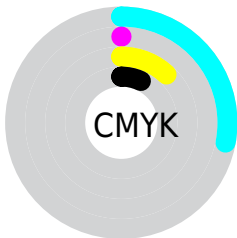
Distribution



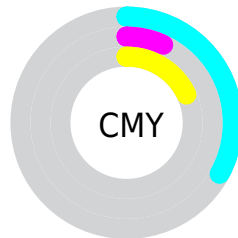
- Red (67%)
- Green (93%)
- Blue (82%)



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



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




- Cyan (33%)
- Magenta (7%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the YUV color 213.9600, -2.9383, -37.6759 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 213.9600, -2.9383, -37.6759 by changing the saturation by 10% instead.


 213.9600, -2.9383,
-37.6759


 213.9600, -2.9383,
-37.6759

255.0000, 0.0000,
0.0000


 186.2590, -3.0857,
-37.0611


 246.9270, 3.9800,
-16.5990

 158.7860, -2.3595,
-36.6463

 132.1990, -2.0701,
-36.1315

 106.3130, -1.6333,
-36.2315

 80.5410, -0.7597,
-36.4315

 54.2630, 0.8563,
-41.4497

 36.1610, -1.0654,

-31.7132

■ 21.4400, -4.1609,
-18.8029

■ 0.0000, 0.0000,
0.0000

■ 213.9600, -2.9383,
-37.6759

■ 213.9600, -2.9383,
-37.6759

■ 205.6440, -3.7685,
-51.4308

■ 222.2760, -2.1081,
-23.9211

■ 197.5130, -5.1829,
-64.4709

■ 230.4070, -0.6937,
-10.8809

■ 189.1970, -6.0131,
-78.2258

■ 238.7230, 0.1366,
2.8739

■ 180.7670, -7.2801,
-91.8807

■ 243.8640, 3.0250,
9.7663

■ 172.4510, -8.1103,
-105.6355

■ 244.4340, 5.2090,
9.2664

■ 164.4340, -9.0880,
-118.7756

■ 156.0040,
-10.3550, -132.4305

■ 154.2810,
-10.4915, -135.3044

Harmonies

Analogous

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



217.6610, -16.1019, -15.4887



213.9600, -2.9383, -37.6759



211.6450, 11.5140, -53.1857

Triad

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



213.9600, -2.9383, -37.6759



221.2880, 16.6200, -10.7766



220.2460, -16.3903, 30.4793

Complementary

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



213.9600, -2.9383, -37.6759



194.0400, 2.9383, 37.6759

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



213.9600, -2.9383, -37.6759



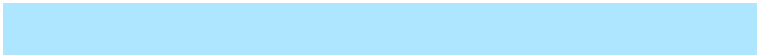
226.1710, 14.2127, 14.7590

Square

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



213.9600, -2.9383, -37.6759



216.1060, 19.1747, -36.9270



224.2990, 6.7546, 26.9248



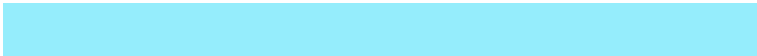
223.3460, -24.8206, 27.7606

Rectangle

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



213.9600, -2.9383, -37.6759



212.3980, 19.5238, -55.6000



224.2990, 6.7546, 26.9248



219.8700, -12.7539, 30.8090

Sweetspot

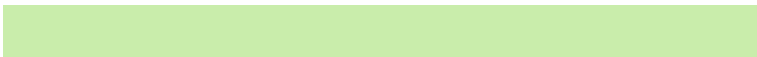
The Sweet Spot groups the original color and five complimentary colors.



213.9600, -2.9383, -37.6759



247.9940, -0.9830, -11.3957



218.7120, -23.5220, -15.5334



123.4290, -0.7045, -7.3922



0.0000, 0.0000, 0.0000



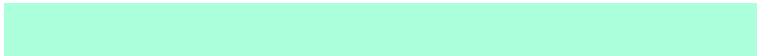
128.0000, 0.0000, 0.0000

Same Dimension

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



213.9600, -2.9383, -37.6759



225.6660, -3.7793, -47.9421



215.5050, 10.5970, -39.0309



113.1410, -0.5625, -6.2627



117.7610, -8.2632, -103.2764



35.1180, -2.5232, -30.7985

Inverse Universe

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



194.0400, 2.9383, 37.6759



200.3340, 3.7793, 47.9421



192.4950, -10.5970, 39.0309



109.8590, 0.5625, 6.2627



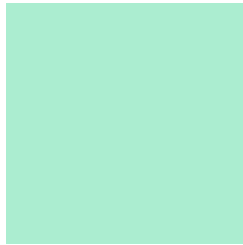
63.2390, 8.2632, 103.2764



18.8820, 2.5232, 30.7985

Previews

White Background



This preview shows how the YUV color 213.9600, -2.9383, -37.6759 looks on a white background.

Color Contrast Check

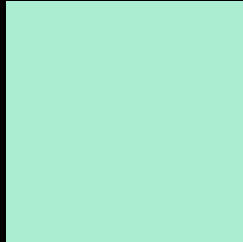
Large Text (above 18pt) WCAG AA × Fail

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 213.9600, -2.9383, -37.6759 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

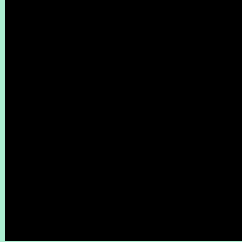
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

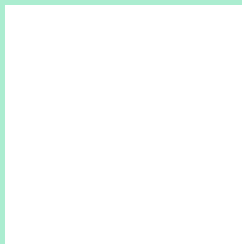
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 213.9600, -2.9383, -37.6759

Background



This preview shows how black text looks on a background with the YUV color 213.9600, -2.9383, -37.6759.



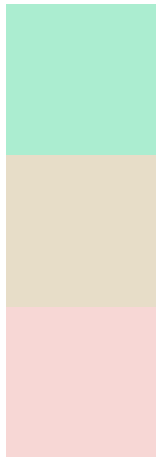
This preview shows how white text looks on a background with the YUV color 213.9600, -2.9383, -37.6759.

-37.6759.

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**

213.9600, -2.9383, -37.6759

Protanopia

221.5960, -10.6468, 8.2473

Deuteranopia

224.3400, -5.5906, 19.8728



Tritanopia

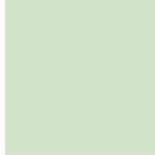
217.6180, 15.9643, -33.8680

Trichromacy



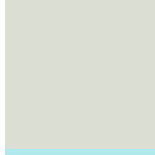
Original Color

213.9600, -2.9383, -37.6759



Protanomaly

218.8820, -7.8298, -8.6665



Deuteranomaly

220.4360, -4.6519, -1.2594



Tritanomaly

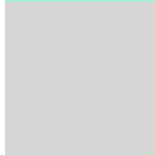
216.1850, 9.2758, -35.2422

Monochromacy



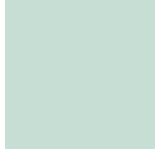
Original Color

213.9600, -2.9383, -37.6759



Achromatopsia

214.0000, 0.0000, 0.0000



Achromatomaly

213.6840, -0.8302, -13.7549

CSS Examples

Text

The CSS property to change the color of the text to YUV 213.9600, -2.9383, -37.6759 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, 237, 208)` looks like.

```
.text, #text, p{  
    color:rgb(171, 237, 208)  
}
```

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, 237, 208) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(171, 237, 208) }
```

Border

The CSS property to change the border of an element to YUV 213.9600, -2.9383, -37.6759 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, 237, 208) }
```


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

```
.border{ border-color:rgb(171, 237, 208) }
```

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

Here you see how a box with a 4 pixel `rgb(171, 237, 208)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(171, 237, 208); -webkit-box-shadow:4px 4px 4px 4px rgb(171, 237, 208); box-shadow:4px 4px 4px 4px rgb(171, 237, 208) }
```

Background

The CSS property to change the background color of an element to YUV 213.9600, -2.9383, -37.6759 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(171, 237, 208) }
```

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

```
.background{ background-color: rgb(171,  
237, 208) }
```

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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