

Converting Colors

YUV(216.6900, 10.0128,
-38.3161)

Have a look what the booklet for
YUV(216.6900, 10.0128, -38.3161)
contains.

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Color

**YUV(216.6900, 10.0128,
-38.3161)**

Conversions

Conversions Part 1

Format	Color
Hex	ADEBED
RGB	173, 235, 237
RGB Percent	68%, 92%, 93%
CMY	0.3216, 0.0784, 0.0706
CMYK	0.27, 0.01, 0.00, 0.07
HSL	182°, 64%, 80%
HSV	182°, 27%, 93%
XYZ	62.2280, 74.4153, 91.2046
YIQ	216.6900, -37.5940, -12.5220

Conversions

Conversions Part 2

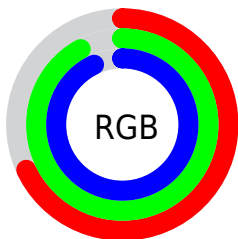
Format	Color
RYB	173, 204, 237
Decimal	11398125
CIELab	89.12, -18.93, -7.29
CIELCh	89, 20.290, 201.063
Yxy	74.4153, 0.2731, 0.3266
Android (android.graphics.Color)	4289588205 (0xFFAEDBED)
YUV	216.6900, 10.0128, -38.3161
Hunter-Lab	86.2643, -22.1991, -2.3005

Details

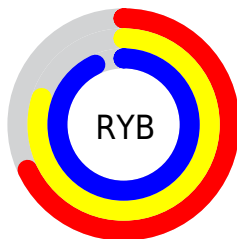
The YUV color $216.6900, 10.0128, -38.3161$ is a light color, and the websafe version is hex $CCFFFF$. A complement of this color would be $193.3100, -10.0128, 38.3161$, and the grayscale version is $217.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $247.5250, 3.6852, -15.3694$, and $160.9890, 9.8654, -37.7014$ is the 20% darker color. If you saturate the color by 10%, you get $208.9270, 13.8400, -52.5560$, and if you desaturate by 10%, it is $224.4530, 6.1857, -24.0763$.

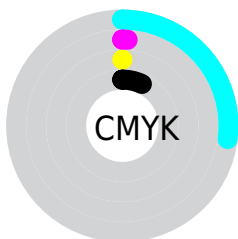
Distribution



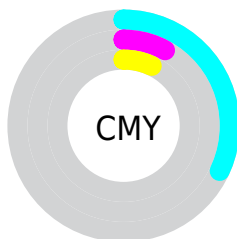
- Red (68%)
- Green (92%)
- Blue (93%)



- Red (68%)
- Yellow (80%)
- Blue (93%)



- Cyan (27%)
- Magenta (1%)
- Yellow (0%)
- Black (7%)



- Cyan (32%)
- Magenta (8%)
- Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the YUV color 216.6900, 10.0128, -38.3161 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 216.6900, 10.0128, -38.3161 by changing the saturation by 10% instead.

■ 216.6900, 10.0128,
-38.3161

■ 216.6900, 10.0128,
-38.3161

255.0000, 0.0000,
0.0000

■ 188.6900, 10.0128,
-38.3161

■ 247.5250, 3.6852,
-15.3694

■ 160.9890, 9.8654,
-37.7014

■ 134.2880, 9.7180,
-37.0866

■ 108.2880, 9.7180,
-37.0866

■ 82.6900, 10.0128,
-38.3161

■ 55.1020, 11.7817,
-45.6935

■ 38.1960, 9.2704,

-33.4979

■ 23.3610, 5.7380,
-20.4876

■ 2.1830, 5.8258,
-1.9145

■ 216.6900, 10.0128,
-38.3161

■ 216.6900, 10.0128,
-38.3161

■ 208.9270, 13.8400,
-52.5560

■ 224.4530, 6.1857,
-24.0763

■ 202.0500, 17.2303,
-66.6959

■ 231.3300, 2.7953,
-9.9364

■ 194.2870, 21.0575,
-80.9357

■ 239.0930, -1.0318,
4.3034

■ 186.5240, 24.8847,
-95.1755

■ 242.9690, -2.9427,
10.5512

■ 179.0600, 28.5644,
-108.8006

■ 243.5560, -3.2321,
10.0364

■ 171.8840, 32.1022,
-123.5553

■ 244.1430, -3.5215,
9.5216

■ 164.1210, 35.9293,
-137.7951

■ 244.7300, -3.8109,
9.0068

■ 162.0280, 36.9612,
-142.0986

■ 245.3170, -4.1003,
8.4920

Harmonies

Analogous

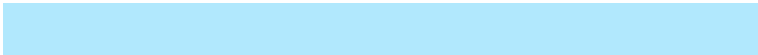
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



217.4000, -0.1972, -30.1688



216.6900, 10.0128, -38.3161



217.9490, 17.2801, -35.9123

Triad

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



216.6900, 10.0128, -38.3161



227.4330, 10.1395, 14.5293



224.1860, -18.8257, 18.2539

Complementary

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



216.6900, 10.0128, -38.3161



193.3100, -10.0128, 38.3161

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.



224.6800, -14.6322, 26.5906



216.6900, 10.0128, -38.3161



226.3220, 1.8133, 25.1506

Square

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



216.6900, 10.0128, -38.3161



224.5770, 14.9985, -4.0140



224.1560, -6.4859, 27.0502



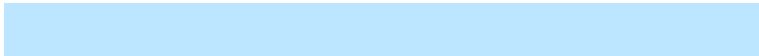
221.6570, -16.5929, 2.0548

Rectangle

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



216.6900, 10.0128, -38.3161



219.7050, 17.4004, -27.8053



224.1560, -6.4859, 27.0502



224.4470, -17.9684, 23.2870

Sweetspot

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



216.6900, 10.0128, -38.3161



248.4330, 3.2375, -11.7807



210.6820, -18.0842, -33.0471



123.5260, 2.2057, -7.4773



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.



216.6900, 10.0128, -38.3161



228.7210, 12.9555, -48.8673



198.4930, 18.9840, -22.3574



113.7110, 1.6215, -6.7625



123.3590, 28.4170, -108.1858



36.6800, 8.5388, -32.1684

Inverse Universe

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



199.2040, 17.6474, 33.1471



206.5240, 22.4197, 42.5135



211.5070, -18.9840, 22.3574



110.5430, 3.1833, 5.6628



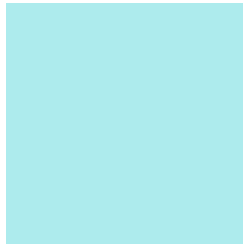
74.0690, 49.7590, 93.7785



22.0740, 14.7535, 27.9991

Previews

White Background



This preview shows how the YUV color 216.6900, 10.0128, -38.3161 looks on a white background.

Color Contrast Check

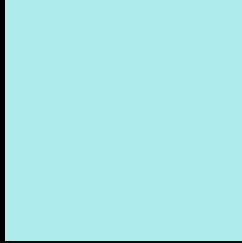
Large Text (above 18pt) WCAG AA × Fail

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 216.6900, 10.0128, -38.3161 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 216.6900, 10.0128, -38.3161 Background



This preview shows how black text looks on a background with the YUV color 216.6900, 10.0128, -38.3161.



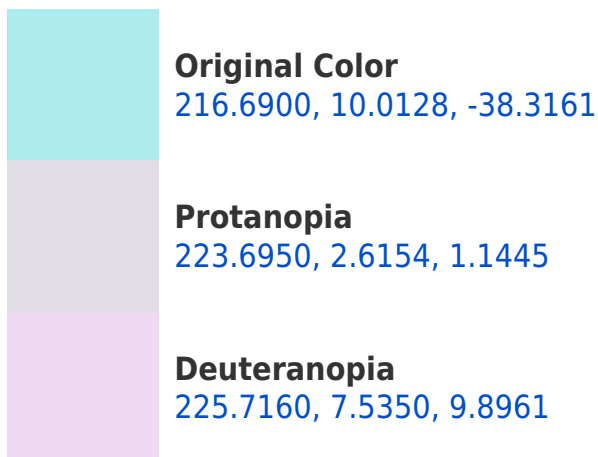
This preview shows how white text looks on a background with the YUV color 216.6900, 10.0128,

-38.3161.

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

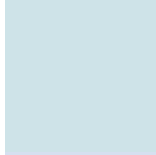
218.0090, 16.2646, -36.8419

Trichromacy



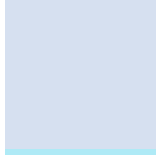
Original Color

216.6900, 10.0128, -38.3161



Protanomaly

221.2910, 5.2795, -13.4102



Deuteranomaly

222.8340, 8.4628, -7.7474



Tritanomaly

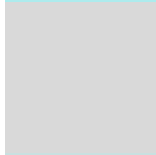
217.7270, 13.9386, -37.4716

Monochromacy



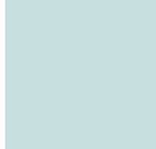
Original Color

216.6900, 10.0128, -38.3161



Achromatopsia

217.0000, 0.0000, 0.0000



Achromatomaly

217.1230, 3.3904, -14.1399

CSS Examples

Text

The CSS property to change the color of the text to YUV 216.6900, 10.0128, -38.3161 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(173, 235, 237)` looks like.

```
.text, #text, p{  
    color:rgb(173, 235, 237)  
}
```

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(173, 235, 237) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(173, 235, 237) }
```

Border

The CSS property to change the border of an element to YUV 216.6900, 10.0128, -38.3161 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(173, 235, 237) }
```


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

```
.border{ border-color:rgb(173, 235, 237) }
```

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

Here you see how a box with a 4 pixel `rgb(173, 235, 237)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(173, 235, 237); -webkit-box-  
shadow:4px 4px 4px 4px rgb(173, 235, 237);  
box-shadow:4px 4px 4px 4px rgb(173, 235,  
237) }
```

Background

The CSS property to change the background color of an element to YUV 216.6900, 10.0128, -38.3161 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(173, 235, 237) }
```

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

```
.background{ background-color: rgb(173,  
235, 237) }
```

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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