

Converting Colors

YUV(216.4080, 7.6869,
-38.9458)

Have a look what the booklet for
YUV(216.4080, 7.6869, -38.9458)
contains.

YUV(216.4080, 7.6869, -38.9458)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YUV(216.4080, 7.6869,
-38.9458)**

Conversions

Conversions Part 1

Format	Color
Hex	ACECE8
RGB	172, 236, 232
RGB Percent	67%, 93%, 91%
CMY	0.3255, 0.0745, 0.0902
CMYK	0.27, 0.00, 0.02, 0.07
HSL	176°, 63%, 80%
HSV	176°, 27%, 93%
XYZ	61.5742, 74.5878, 87.4955
YIQ	216.4080, -36.8600, -14.8120

Conversions

Conversions Part 2

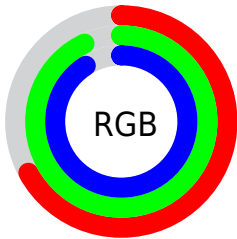
Format	Color
RYB	172, 205, 236
Decimal	11332840
CIELab	89.20, -20.81, -4.56
CIELCh	89, 21.303, 192.363
Yxy	74.5878, 0.2753, 0.3335
Android (android.graphics.Color)	4289522920 (0xFFACECE8)
YUV	216.4080, 7.6869, -38.9458
Hunter-Lab	86.3642, -23.8740, 0.3883

Details

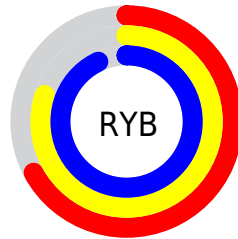
The YUV color **216.4080, 7.6869, -38.9458** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **191.5920, -7.6869, 38.9458**, and the grayscale version is **216.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **247.2260, 3.8326, -15.9842**, and **161.0060, 7.3920, -37.7163** is the 20% darker color. If you saturate the color by 10%, you get **209.1180, 10.7878, -53.6005**, and if you desaturate by 10%, it is **223.6980, 4.5859, -24.2911**.

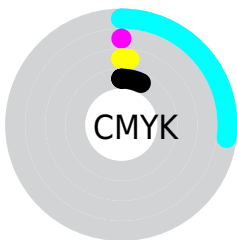
Distribution



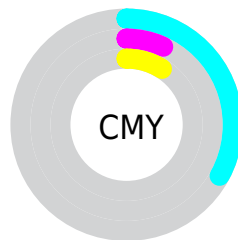
- Red (67%)
- Green (93%)
- Blue (91%)



- Red (67%)
- Yellow (80%)
- Blue (93%)



- Cyan (27%)
- Magenta (0%)
- Yellow (2%)
- Black (7%)



- Cyan (33%)
- Magenta (7%)
- Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the YUV color 216.4080, 7.6869, -38.9458 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 216.4080, 7.6869, -38.9458 by changing the saturation by 10% instead.

■ 216.4080, 7.6869,
-38.9458

■ 216.4080, 7.6869,
-38.9458

255.0000, 0.0000,
0.0000

■ 188.4080, 7.6869,
-38.9458

■ 247.2260, 3.8326,
-15.9842

■ 161.0060, 7.3920,
-37.7163

■ 134.1200, 7.8288,
-37.8162

■ 108.1200, 7.8288,
-37.8162

■ 82.5220, 8.1237,
-39.0458

■ 55.2330, 9.7451,
-45.8083

■ 37.7400, 7.5232,

-33.0980

■ 23.0190, 4.4276,
-20.1877

■ 0.9120, 3.4944,
-0.7998

■ 216.4080, 7.6869,
-38.9458

■ 216.4080, 7.6869,
-38.9458

■ 209.1180, 10.7878,
-53.6005

■ 223.6980, 4.5859,
-24.2911

■ 202.0130, 13.3046,
-67.5404

■ 230.8030, 2.0691,
-10.3512

■ 194.7230, 16.4056,
-82.1951

■ 238.0930, -1.0318,
4.3034

■ 187.6180, 18.9223,
-96.1350

■ 241.9090, -1.9271,
11.4808

■ 180.3280, 22.0233,
-110.7897

■ 242.0230, -1.4903,
11.3808

■ 172.9240, 24.6875,
-125.3443

■ 242.2510, -0.6167,
11.1809

■ 165.9330, 27.6410,
-139.3842

■ 242.3650, -0.1799,
11.0809

■ 163.7260, 28.2361,
-143.5877

■ 242.5930, 0.6937,
10.8809

■ 242.7070, 1.1304,
10.7810

Harmonies

Analogous

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



217.6130, -3.2602, -27.7246



216.4080, 7.6869, -38.9458



217.4000, 16.5648, -39.8158

Triad

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



216.4080, 7.6869, -38.9458



226.9100, 13.3554, 9.7259



224.8060, -19.1314, 22.9721

Complementary

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



216.4080, 7.6869, -38.9458



191.5920, -7.6869, 38.9458

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.



223.8480, -12.7431, 27.3203



216.4080, 7.6869, -38.9458



227.1200, 4.8708, 24.4508

Square

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



216.4080, 7.6869, -38.9458



223.3590, 15.5990, -9.9618



224.1390, -4.0125, 27.0651



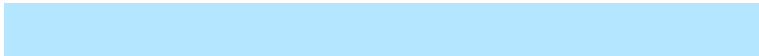
222.1200, -18.7932, 7.7878

Rectangle

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



216.4080, 7.6869, -38.9458



218.4870, 18.0009, -33.7531



224.1390, -4.0125, 27.0651



225.1700, -17.8318, 26.1609

Sweetspot

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



216.4080, 7.6869, -38.9458



248.9060, 2.5113, -12.1956



210.7640, -19.1107, -30.4880



123.9990, 1.4795, -7.8921



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.



216.4080, 7.6869, -38.9458



229.3140, 10.1982, -51.1414



200.4280, 17.5370, -24.9314



113.7110, 1.6215, -6.7625



125.6270, 21.8759, -110.1749



37.3980, 6.2128, -32.7980

Inverse Universe

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



191.5920, -7.6869, 38.9458



196.6860, -10.1982, 51.1414



207.5720, -17.5370, 24.9314



109.2890, -1.6215, 6.7625



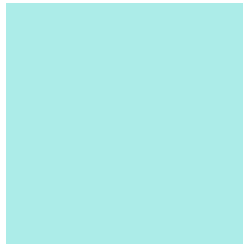
55.3730, -21.8759, 110.1749



16.4880, -6.6496, 32.8980

Previews

White Background



This preview shows how the YUV color 216.4080, 7.6869, -38.9458 looks on a white background.

Color Contrast Check

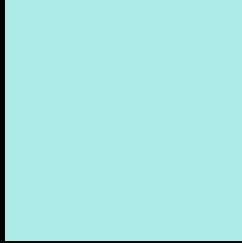
Large Text (above 18pt) WCAG AA × Fail

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 216.4080, 7.6869, -38.9458 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

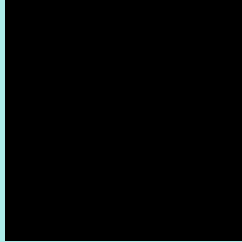
Any Text WCAG AA ✓ Pass

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 216.4080, 7.6869, -38.9458 Background



This preview shows how black text looks on a background with the YUV color 216.4080, 7.6869, -38.9458.



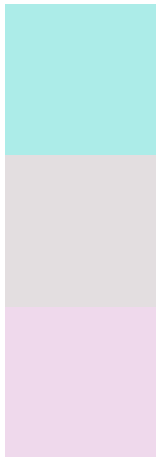
This preview shows how white text looks on a background with the YUV color 216.4080, 7.6869, -38.9458.

-38.9458.

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

216.4080, 7.6869, -38.9458

Protanopia

223.7230, 0.1366, 2.8739

Deuteranopia

225.7440, 5.0562, 11.6255



Tritanopia

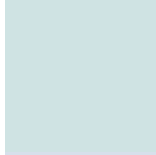
218.1230, 16.7014, -36.9419

Trichromacy



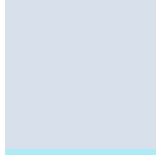
Original Color

216.4080, 7.6869, -38.9458



Protanomaly

221.0200, 2.9481, -12.2955



Deuteranomaly

222.5630, 6.1314, -6.6328



Tritanomaly

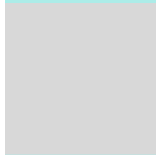
217.6130, 13.5018, -37.3716

Monochromacy



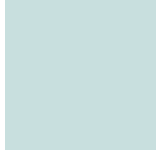
Original Color

216.4080, 7.6869, -38.9458



Achromatopsia

216.0000, 0.0000, 0.0000



Achromatomaly

216.0090, 2.9536, -14.0399

CSS Examples

Text

The CSS property to change the color of the text to YUV 216.4080, 7.6869, -38.9458 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(172, 236, 232)` looks like.

```
.text, #text, p{  
    color:rgb(172, 236, 232)  
}
```

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(172, 236, 232) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(172, 236, 232) }
```

Border

The CSS property to change the border of an element to YUV 216.4080, 7.6869, -38.9458 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(172, 236, 232) }
```


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

```
.border{ border-color:rgb(172, 236, 232) }
```

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

Here you see how a box with a 4 pixel `rgb(172, 236, 232)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(172, 236, 232); -webkit-box-  
shadow:4px 4px 4px 4px rgb(172, 236, 232);  
box-shadow:4px 4px 4px 4px rgb(172, 236,  
232) }
```

Background

The CSS property to change the background color of an element to YUV 216.4080, 7.6869, -38.9458 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(172, 236, 232) }
```

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

```
.background{ background-color: rgb(172,  
236, 232) }
```

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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