

Converting Colors

YUV(228.1160, 3.8868,
-33.4277)

Have a look what the booklet for
YUV(228.1160, 3.8868, -33.4277)
contains.

YUV(228.1160, 3.8868, -33.4277)	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(228.1160, 3.8868,
-33.4277)**

Conversions

Conversions Part 1

Format	Color
Hex	BEF6EC
RGB	190, 246, 236
RGB Percent	75%, 96%, 93%
CMY	0.2549, 0.0353, 0.0745
CMYK	0.23, 0.00, 0.04, 0.04
HSL	169°, 76%, 85%
HSV	169°, 23%, 96%
XYZ	69.3313, 82.9148, 91.7069
YIQ	228.1160, -30.1660, -14.9820

Conversions

Conversions Part 2

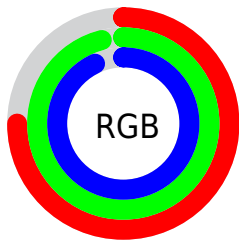
Format	Color
R _Y B	190, 221, 246
Decimal	12515052
CIE Lab	92.98, -19.64, -0.98
CIE LCh	93, 19.663, 182.870
Yxy	82.9148, 0.2842, 0.3399
Android (android.graphics.Color)	4290705132 (0xFFBEF6EC)
YUV	228.1160, 3.8868, -33.4277
Hunter-Lab	91.0576, -23.4407, 4.0275

Details

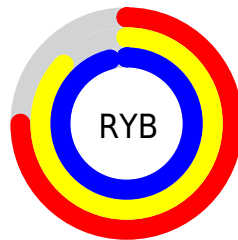
The YUV color $228.1160, 3.8868, -33.4277$ is a light color, and the websafe version is hex $CCFFFF$. A complement of this color would be $207.8840, -3.8868, 33.4277$, and the grayscale version is $228.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $252.6080, 1.1793, -4.9182$, and $172.4150, 3.7394, -32.8130$ is the 20% darker color. If you saturate the color by 10%, you get $220.1850, 5.8248, -48.3972$, and if you desaturate by 10%, it is $236.0470, 1.9488, -18.4582$.

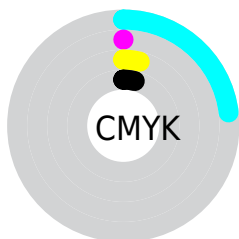
Distribution



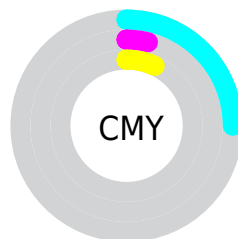
- Red (75%)
- Green (96%)
- Blue (93%)



- Red (75%)
- Yellow (87%)
- Blue (96%)



- Cyan (23%)
- Magenta (0%)
- Yellow (4%)
- Black (4%)



- Cyan (25%)
- Magenta (4%)
- Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the YUV color 228.1160, 3.8868, -33.4277 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 228.1160, 3.8868, -33.4277 by changing the saturation by 10% instead.

■ 228.1160, 3.8868,
-33.4277

■ 228.1160, 3.8868,
-33.4277

255.0000, 0.0000,
0.0000

■ 199.5290, 4.1762,
-32.9129

■ 252.6080, 1.1793,
-4.9182

■ 172.4150, 3.7394,
-32.8130

■ 145.1270, 3.8814,
-31.6834

■ 119.2410, 4.3182,
-31.7834

■ 94.2410, 4.3182,
-31.7834

■ 69.3550, 4.7550,
-31.8833

■ 43.3760, 6.2236,

-36.2868

■ 27.3560, 3.2755,
-23.9912

■ 12.6350, 0.1799,
-11.0809

■ 228.1160, 3.8868,
-33.4277

■ 228.1160, 3.8868,
-33.4277

■ 220.1850, 5.8248,
-48.3972

■ 236.0470, 1.9488,
-18.4582

■ 212.4390, 7.1786,
-62.6520

■ 243.7930, 0.5951,
-4.2035

■ 204.5080, 9.1166,
-77.6215

■ 249.0330, -0.0163,
5.2331

■ 196.7620, 10.4703,
-91.8763

■ 249.6030, 2.1677,
4.7332

■ 188.8310, 12.4083,
-106.8458

■ 249.7170, 2.6045,
4.6332

■ 180.9000, 14.3463,
-121.8153

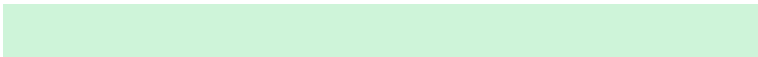
■ 173.1540, 15.7001,
-136.0701

■ 167.4300, 17.0430,
-146.8361

Harmonies

Analogous

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



229.5600, -6.1921, -20.6621



228.1160, 3.8868, -33.4277



228.2000, 13.2124, -37.8864

Triad

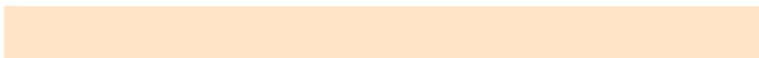
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



228.1160, 3.8868, -33.4277



235.5520, 9.5879, 4.7779



233.1090, -15.3367, 19.1984

Complementary

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



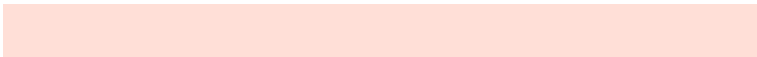
228.1160, 3.8868, -33.4277



207.8840, -3.8868, 33.4277

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.



231.6560, -8.2114, 20.4727



228.1160, 3.8868, -33.4277



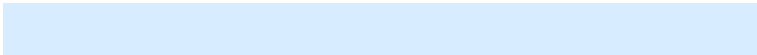
236.4610, 7.6607, 16.2587

Square

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



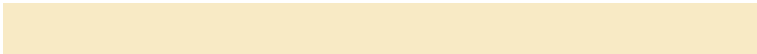
228.1160, 3.8868, -33.4277



232.1860, 11.2473, -14.1951



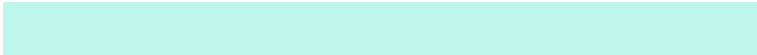
233.2350, 0.3771, 19.0879



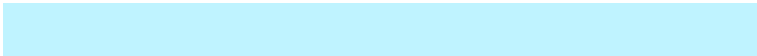
233.9680, -18.2252, 12.3061

Rectangle

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



228.1160, 3.8868, -33.4277



228.8200, 12.9067, -33.1681



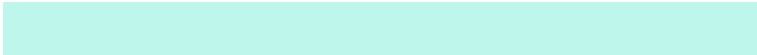
233.2350, 0.3771, 19.0879



232.2770, -13.4476, 19.9281

Sweetspot

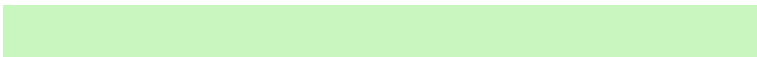
The Sweet Spot groups the original color and five complimentary colors.



228.1160, 3.8868, -33.4277



249.2760, 1.3429, -10.7661



225.8620, -17.6800, -22.6810



124.4830, 0.7479, -6.5626



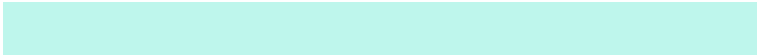
0.0000, 0.0000, 0.0000



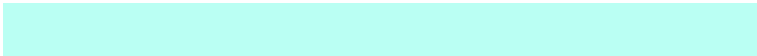
128.0000, 0.0000, 0.0000

Same Dimension

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



228.1160, 3.8868, -33.4277



233.0010, 4.9295, -41.2199



218.6900, 13.4638, -25.1611



118.1840, 0.8953, -7.1774



126.6240, 13.0034, -111.0492



40.1050, 3.8922, -35.1721

Inverse Universe

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



207.8840, -3.8868, 33.4277



207.9990, -4.9295, 41.2199



217.3100, -13.4638, 25.1611



113.8160, -0.8953, 7.1774



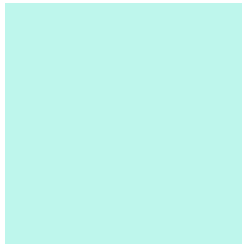
59.3760, -13.0034, 111.0492



18.7810, -4.3290, 35.2721

Previews

White Background



This preview shows how the YUV color 228.1160, 3.8868, -33.4277 looks on a white background.

Color Contrast Check

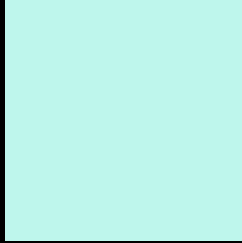
Large Text (above 18pt) WCAG AA × Fail

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 228.1160, 3.8868, -33.4277 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

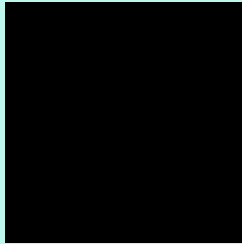
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

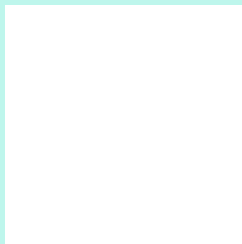
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 228.1160, 3.8868, -33.4277

Background



This preview shows how black text looks on a background with the YUV color 228.1160, 3.8868, -33.4277.



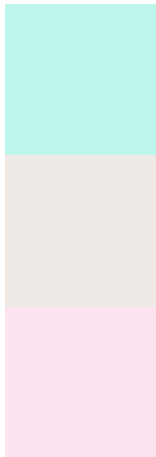
This preview shows how white text looks on a background with the YUV color 228.1160, 3.8868, -33.4277.

-33.4277.

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

228.1160, 3.8868, -33.4277

Protanopia

234.3380, -2.6316, 4.0886

Deuteranopia

236.5550, 1.6984, 15.2993



Tritanopia

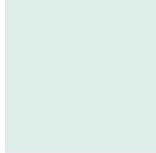
231.5440, 11.5638, -22.4021

Trichromacy



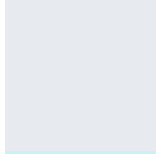
Original Color

228.1160, 3.8868, -33.4277



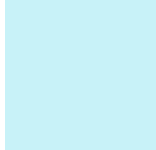
Protanomaly

232.2330, -0.1149, -9.8513



Deuteranomaly

233.6730, 2.6262, -2.3442



Tritanomaly

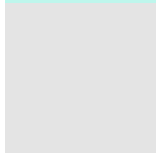
230.1260, 8.8119, -26.4205

Monochromacy



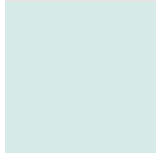
Original Color

228.1160, 3.8868, -33.4277



Achromatopsia

228.0000, 0.0000, 0.0000



Achromatomaly

228.2650, 1.3484, -12.5104

CSS Examples

Text

The CSS property to change the color of the text to YUV 228.1160, 3.8868, -33.4277 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(190, 246, 236)` looks like.

```
.text, #text, p{  
    color:rgb(190, 246, 236)  
}
```

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(190, 246, 236) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(190, 246, 236) }
```

Border

The CSS property to change the border of an element to YUV 228.1160, 3.8868, -33.4277 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(190, 246, 236) }
```


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

```
.border{ border-color:rgb(190, 246, 236) }
```

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

Here you see how a box with a 4 pixel `rgb(190, 246, 236)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(190, 246, 236); -webkit-box-  
shadow:4px 4px 4px 4px rgb(190, 246, 236);  
box-shadow:4px 4px 4px 4px rgb(190, 246,  
236) }
```

Background

The CSS property to change the background color of an element to YUV 228.1160, 3.8868, -33.4277 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(190, 246, 236) }
```

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

```
.background{ background-color: rgb(190,  
246, 236) }
```

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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