

Converting Colors

YUV(217.5140, 3.6906,
-17.1138)

Have a look what the booklet for
YUV(217.5140, 3.6906, -17.1138)
contains.

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Color

**YUV(217.5140, 3.6906,
-17.1138)**

Conversions

Conversions Part 1

Format	Color
Hex	C6E2E1
RGB	198, 226, 225
RGB Percent	78%, 89%, 88%
CMY	0.2235, 0.1137, 0.1176
CMYK	0.12, 0.00, 0.00, 0.11
HSL	178°, 33%, 83%
HSV	178°, 12%, 89%
XYZ	64.0757, 71.8347, 81.7225
YIQ	217.5140, -16.3670, -6.2470

Conversions

Conversions Part 2

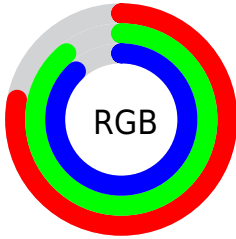
Format	Color
R_{YB}	198, 212, 226
Decimal	13034209
CIE _{Lab}	87.89, -9.38, -2.64
CIE _{LCh}	88, 9.743, 195.708
Yxy	71.8347, 0.2944, 0.3301
Android (android.graphics.Color)	4291224289 (0xFFC6E2E1)
YUV	217.5140, 3.6906, -17.1138
Hunter-Lab	84.7554, -13.3746, 2.1604

Details

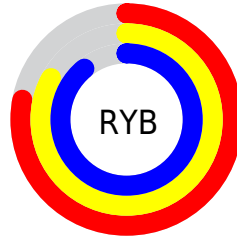
The YUV color $217.5140, 3.6906, -17.1138$ is a light color, and the websafe version is hex $CCFFFF$. A complement of this color would be $206.4860, -3.6906, 17.1138$, and the grayscale version is $217.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $255.0000, 0.0000, 0.0000$, and $162.8130, 3.5432, -16.4990$ is the 20% darker color. If you saturate the color by 10%, you get $210.5230, 6.6442, -31.1537$, and if you desaturate by 10%, it is $224.5050, 0.7370, -3.0739$.

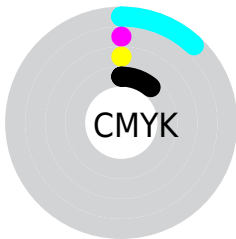
Distribution



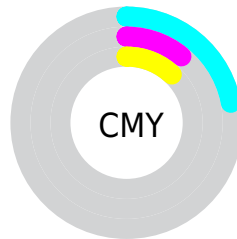
- Red (78%)
- Green (89%)
- Blue (88%)



- Red (78%)
- Yellow (83%)
- Blue (89%)



- Cyan (12%)
- Magenta (0%)
- Yellow (0%)
- Black (11%)



- Cyan (22%)
- Magenta (11%)
- Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the YUV color 217.5140, 3.6906, -17.1138 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 217.5140, 3.6906, -17.1138 by changing the saturation by 10% instead.

■ 217.5140, 3.6906,
-17.1138

■ 217.5140, 3.6906,
-17.1138

255.0000, 0.0000,
0.0000

■ 189.8130, 3.5432,
-16.4990

■ 162.8130, 3.5432,
-16.4990

■ 136.1120, 3.3958,
-15.8842

■ 111.1120, 3.3958,
-15.8842

■ 86.4110, 3.2484,
-15.2694

■ 62.8240, 3.5378,
-14.7546

■ 40.7100, 3.1010,

-14.6547

■ 19.2260, 3.8326,
-15.9842

■ 0.0000, 0.0000,
0.0000

■ 217.5140, 3.6906,
-17.1138

■ 217.5140, 3.6906,
-17.1138

■ 210.5230, 6.6442,
-31.1537

■ 224.5050, 0.7370,
-3.0739

■ 203.8310, 9.4503,
-44.5788

■ 231.1970, -2.0691,
10.3512

■ 196.9540, 12.8407,
-58.7187

■ 234.7850, -3.8380,
17.7286

■ 190.2620, 15.6468,
-72.1438

■ 234.8990, -3.4012,
17.6286

■ 183.2710, 18.6004,
-86.1837

■ 235.0130, -2.9644,
17.5286

■ 176.2800, 21.5540,
-100.2236

■ 235.1270, -2.5276,
17.4286

■ 169.5880, 24.3601,
-113.6487

■ 235.2410, -2.0908,
17.3286

■ 162.7110, 27.7505,
-127.7885

■ 235.3550, -1.6540,
17.2287

■ 157.5140, 29.8196,
-138.1398

Harmonies

Analogous

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



217.8690, -1.4144, -13.0401



217.5140, 3.6906, -17.1138



218.1380, 7.3270, -16.7840

Triad

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



217.5140, 3.6906, -17.1138



222.1130, 5.3673, 5.1629



220.7750, -8.7631, 10.7213

Complementary

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



217.5140, 3.6906, -17.1138



206.4860, -3.6906, 17.1138

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.



221.8510, -7.3215, 15.0397



217.5140, 3.6906, -17.1138



222.7180, 1.1250, 12.5253

Square

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



217.5140, 3.6906, -17.1138



220.5680, 8.5940, -3.1291



222.3010, -3.1064, 16.3990



219.5460, -8.1572, 3.0292

Rectangle

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



217.5140, 3.6906, -17.1138



218.6160, 9.0633, -13.6952



222.3010, -3.1064, 16.3990



220.9000, -8.3317, 12.3657

Sweetspot

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



217.5140, 3.6906, -17.1138



252.0100, 1.4741, -6.1478



214.7350, -8.2504, -13.7996



125.7930, 0.5951, -4.2035



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.



217.5140, 3.6906, -17.1138



243.5240, 5.1647, -23.2615



209.9970, 7.8895, -10.5214



108.7110, 1.6215, -6.7625



122.6920, 23.3228, -107.6009



33.5340, 6.6387, -29.4093

Inverse Universe

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



206.4860, -3.6906, 17.1138



228.4760, -5.1647, 23.2615



214.0030, -7.8895, 10.5214



104.2890, -1.6215, 6.7625



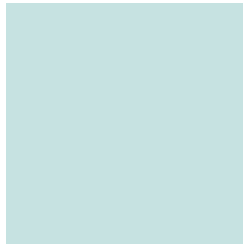
53.3080, -23.3228, 107.6009



14.5800, -6.2019, 29.3093

Previews

White Background



This preview shows how the YUV color 217.5140, 3.6906, -17.1138 looks on a white background.

Color Contrast Check

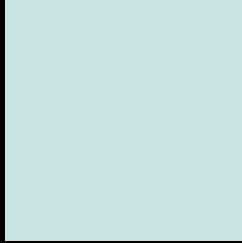
Large Text (above 18pt) WCAG AA × Fail

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 217.5140, 3.6906, -17.1138 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

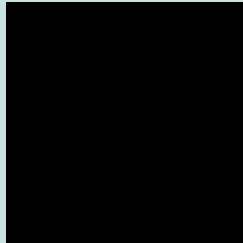
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 217.5140, 3.6906, -17.1138

Background



This preview shows how black text looks on a background with the YUV color 217.5140, 3.6906, -17.1138.



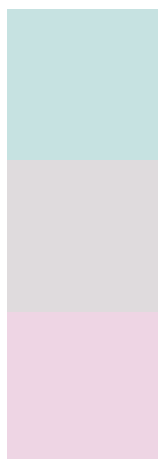
This preview shows how white text looks on a background with the YUV color 217.5140, 3.6906, -17.1138.

-17.1138.

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

217.5140, 3.6906, -17.1138

Protanopia

220.4240, 0.2840, 2.2592

Deuteranopia

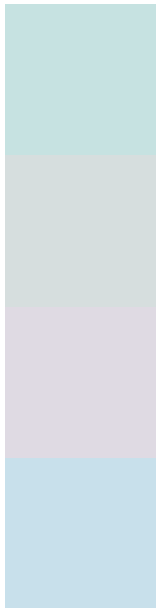
222.1850, 2.8668, 13.8698



Tritanopia

218.4740, 11.1053, -15.3247

Trichromacy



Original Color

217.5140, 3.6906, -17.1138

Protanomaly

219.6080, 1.1793, -4.9182

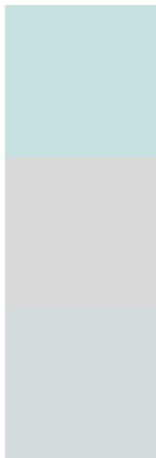
Deuteranomaly

220.5210, 3.1941, 2.1741

Tritanomaly

218.0780, 8.3425, -15.8544

Monochromacy



Original Color

217.5140, 3.6906, -17.1138

Achromatopsia

218.0000, 0.0000, 0.0000

Achromatomaly

218.0100, 1.4741, -6.1478

CSS Examples

Text

The CSS property to change the color of the text to YUV 217.5140, 3.6906, -17.1138 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(198, 226, 225)` looks like.

```
.text, #text, p{  
    color:rgb(198, 226, 225)  
}
```

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(198, 226, 225) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(198, 226, 225) }
```

Border

The CSS property to change the border of an element to YUV 217.5140, 3.6906, -17.1138 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(198, 226, 225) }
```


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

```
.border{ border-color:rgb(198, 226, 225) }
```

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

Here you see how a box with a 4 pixel `rgb(198, 226, 225)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(198, 226, 225); -webkit-box-  
shadow:4px 4px 4px 4px rgb(198, 226, 225);  
box-shadow:4px 4px 4px 4px rgb(198, 226,  
225) }
```

Background

The CSS property to change the background color of an element to YUV 217.5140, 3.6906, -17.1138 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(198, 226, 225) }
```

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

```
.background{ background-color: rgb(198,  
226, 225) }
```

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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