

Converting Colors

YUV(217.1130, -1.5347,
-21.1471)

Have a look what the booklet for
YUV(217.1130, -1.5347, -21.1471)
contains.

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Color

**YUV(217.1130, -1.5347,
-21.1471)**

Conversions

Conversions Part 1

Format	Color
Hex	C1E6D6
RGB	193, 230, 214
RGB Percent	76%, 90%, 84%
CMY	0.2431, 0.0980, 0.1608
CMYK	0.16, 0.00, 0.07, 0.10
HSL	154°, 43%, 83%
HSV	154°, 16%, 90%
XYZ	62.4267, 72.7861, 74.3772
YIQ	217.1130, -16.9160, -12.8200

Conversions

Conversions Part 2

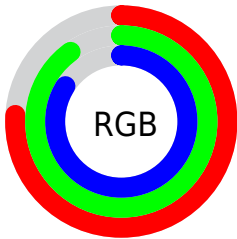
Format	Color
RYB	193, 217, 230
Decimal	12707542
CIELab	88.35, -15.14, 3.77
CIELCh	88, 15.603, 166.030
Yxy	72.7861, 0.2979, 0.3473
Android (android.graphics.Color)	4290897622 (0xFFC1E6D6)
YUV	217.1130, -1.5347, -21.1471
Hunter-Lab	85.3148, -18.6884, 8.0315

Details

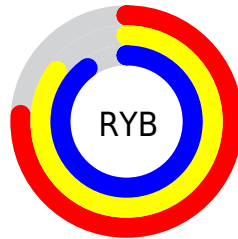
The YUV color $217.1130, -1.5347, -21.1471$ is a light color, and the websafe version is hex $CCFFFF$. A complement of this color would be $205.8870, 1.5347, 21.1471$, and the grayscale version is $217.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $253.5050, 0.7370, -3.0739$, and $161.8250, -1.3927, -20.0175$ is the 20% darker color. If you saturate the color by 10%, you get $209.0960, -2.5123, -34.2872$, and if you desaturate by 10%, it is $225.1300, -0.5571, -8.0070$.

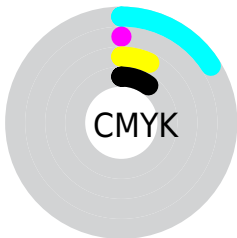
Distribution



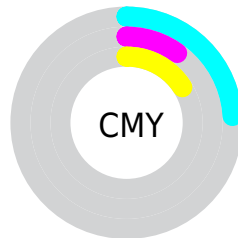
- Red (76%)
- Green (90%)
- Blue (84%)



- Red (76%)
- Yellow (85%)
- Blue (90%)



- Cyan (16%)
- Magenta (0%)
- Yellow (7%)
- Black (10%)



- Cyan (24%)
- Magenta (10%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the YUV color 217.1130, -1.5347, -21.1471 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 217.1130, -1.5347, -21.1471 by changing the saturation by 10% instead.

■ 217.1130, -1.5347,
-21.1471

■ 217.1130, -1.5347,
-21.1471

255.0000, 0.0000,
0.0000

■ 189.4120, -1.6821,
-20.5323

■ 253.5050, 0.7370,
-3.0739

■ 161.8250, -1.3927,
-20.0175

■ 135.8250, -1.3927,
-20.0175

■ 110.2380, -1.1033,
-19.5027

■ 85.6510, -0.8139,
-18.9879

■ 62.0640, -0.5246,
-18.4731

■ 39.4770, -0.2352,

-17.9583

■ 19.6620, -0.8194,
-17.2436

■ 0.0000, 0.0000,
0.0000

■ 217.1130, -1.5347,
-21.1471

■ 217.1130, -1.5347,
-21.1471

■ 209.0960, -2.5123,
-34.2872

■ 225.1300, -0.5571,
-8.0070

■ 201.0790, -3.4899,
-47.4273

■ 233.1470, 0.4205,
5.1331

■ 193.0620, -4.4676,
-60.5674

■ 239.0710, 2.4300,
13.9697

■ 185.0450, -5.4452,
-73.7075

■ 240.2110, 6.7980,
12.9700

■ 177.0280, -6.4228,
-86.8476

■ 240.3250, 7.2348,
12.8700

■ 169.0110, -7.4004,
-99.9876

■ 160.9940, -8.3780,
-113.1277

■ 152.9770, -9.3557,
-126.2678

■ 149.9440, -9.3394,
-131.5009

Harmonies

Analogous

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



218.3550, -8.5560, -9.0813



217.1130, -1.5347, -21.1471



216.1320, 6.3439, -28.1798

Triad

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



217.1130, -1.5347, -21.1471



222.2240, 13.6936, -5.4584



223.5810, -11.1324, 24.0465

Complementary

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



217.1130, -1.5347, -21.1471



205.8870, 1.5347, 21.1471

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.



224.7860, -5.3175, 25.6207



217.1130, -1.5347, -21.1471



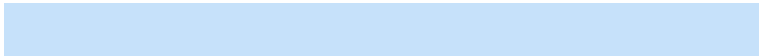
223.7590, 8.9928, 8.9814

Square

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



217.1130, -1.5347, -21.1471



219.7770, 14.8999, -19.0984



224.7020, 2.1189, 20.4323



222.0270, -14.3103, 16.6393

Rectangle

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



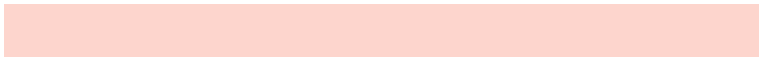
217.1130, -1.5347, -21.1471



217.2720, 10.7119, -29.1795



224.7020, 2.1189, 20.4323



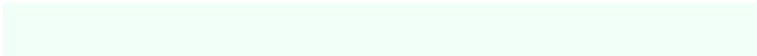
224.0480, -9.3907, 25.3909

Sweetspot

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



217.1130, -1.5347, -21.1471



250.4290, -0.7045, -7.3922



219.5030, -13.0660, -9.2111



125.1520, -0.5679, -4.5183



0.0000, 0.0000, 0.0000



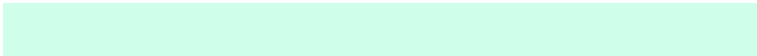
128.0000, 0.0000, 0.0000

Same Dimension

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



217.1130, -1.5347, -21.1471



238.2540, -2.0972, -27.4098



217.7630, 6.0328, -21.7172



110.8420, -0.4151, -6.8774



116.5870, -7.6844, -102.2468



33.2430, -2.0918, -29.1541

Inverse Universe

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



205.8870, 1.5347, 21.1471



223.7460, 2.0972, 27.4098



205.2370, -6.0328, 21.7172



107.1580, 0.4151, 6.8774



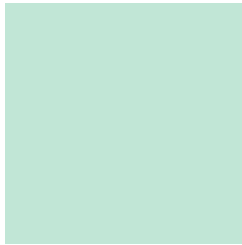
62.2990, 7.2476, 102.3468



17.7570, 2.0918, 29.1541

Previews

White Background



This preview shows how the YUV color 217.1130, -1.5347, -21.1471 looks on a white background.

Color Contrast Check

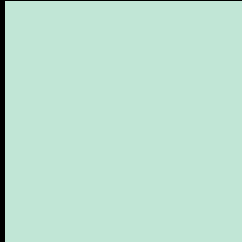
Large Text (above 18pt) WCAG AA × Fail

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 217.1130, -1.5347, -21.1471 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

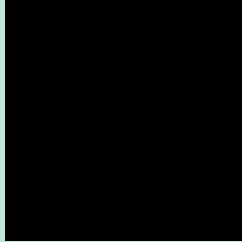
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

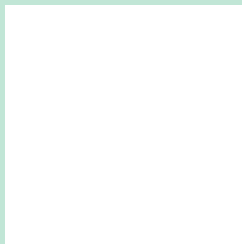
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 217.1130, -1.5347, -21.1471

Background



This preview shows how black text looks on a background with the YUV color 217.1130, -1.5347, -21.1471.



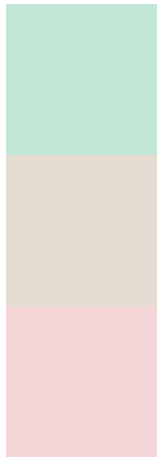
This preview shows how white text looks on a background with the YUV color 217.1130, -1.5347, -21.1471.

-21.1471.

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

217.1130, -1.5347, -21.1471

Protanopia

221.1380, -5.9840, 6.0180

Deuteranopia

223.3120, -3.1118, 18.1434



Tritanopia

219.6800, 11.9898, -19.0134

Trichromacy



Original Color

217.1130, -1.5347, -21.1471

Protanomaly

219.8270, -4.3517, -4.2333

Deuteranomaly

221.0390, -2.4842, 3.4738

Tritanomaly

218.4150, 7.1904, -19.6580

Monochromacy



Original Color

217.1130, -1.5347, -21.1471

Achromatopsia

217.0000, 0.0000, 0.0000

Achromatomaly

217.1300, -0.5571, -8.0070

CSS Examples

Text

The CSS property to change the color of the text to YUV 217.1130, -1.5347, -21.1471 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(193, 230, 214)` looks like.

```
.text, #text, p{  
    color:rgb(193, 230, 214)  
}
```

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(193, 230, 214) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(193, 230, 214) }
```

Border

The CSS property to change the border of an element to YUV 217.1130, -1.5347, -21.1471 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(193, 230, 214) }
```


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

```
.border{ border-color:rgb(193, 230, 214) }
```

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

Here you see how a box with a 4 pixel `rgb(193, 230, 214)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(193, 230, 214); -webkit-box-  
shadow:4px 4px 4px 4px rgb(193, 230, 214);  
box-shadow:4px 4px 4px 4px rgb(193, 230,  
214) }
```

Background

The CSS property to change the background color of an element to YUV 217.1130, -1.5347, -21.1471 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(193, 230, 214) }
```

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

```
.background{ background-color: rgb(193,  
230, 214) }
```

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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