

Converting Colors

YUV(197.7470, -13.1863,
-17.3181)

Have a look what the booklet for
YUV(197.7470, -13.1863, -17.3181)
contains.

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Color

**YUV(197.7470, -13.1863,
-17.3181)**

Conversions

Conversions Part 1

Format	Color
Hex	B2D5AB
RGB	178, 213, 171
RGB Percent	70%, 84%, 67%
CMY	0.3020, 0.1647, 0.3294
CMYK	0.16, 0.00, 0.20, 0.16
HSL	110°, 33%, 75%
HSV	110°, 20%, 84%
XYZ	49.5050, 59.9938, 47.4988
YIQ	197.7470, -7.3780, -20.4820

Conversions

Conversions Part 2

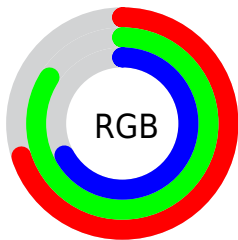
Format	Color
RYB	171, 213, 206
Decimal	11720107
CIELab	81.83, -19.41, 17.00
CIELCh	82, 25.801, 138.792
Yxy	59.9938, 0.3153, 0.3821
Android (android.graphics.Color)	4289910187 (0xFFB2D5AB)
YUV	197.7470, -13.1863, -17.3181
Hunter-Lab	77.4556, -21.4608, 17.8600

Details

The YUV color **197.7470, -13.1863, -17.3181** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **186.2530, 13.1863, 17.3181**, and the grayscale version is **198.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **245.4150, -9.5716, -10.0110**, and **143.6870, -12.1707, -16.3885** is the 20% darker color. If you saturate the color by 10%, you get **189.9710, -19.7057, -26.2846**, and if you desaturate by 10%, it is **205.5230, -6.6668, -8.3517**.

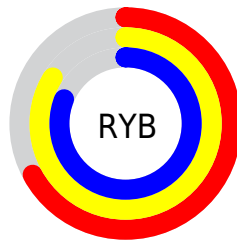
Distribution



Red (70%)

Green (84%)

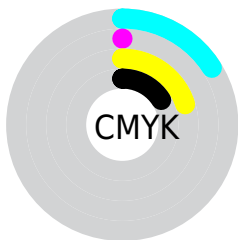
Blue (67%)



Red (67%)

Yellow (84%)

Blue (81%)

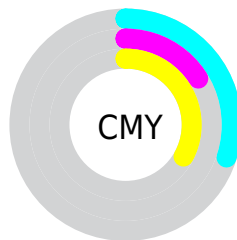


Cyan (16%)

Magenta (0%)

Yellow (20%)

Black (16%)



Cyan (30%)

Magenta (16%)

Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the YUV color 197.7470, -13.1863, -17.3181 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 197.7470, -13.1863, -17.3181 by changing the saturation by 10% instead.

■ 197.7470,
-13.1863, -17.3181

■ 197.7470,
-13.1863, -17.3181

255.0000, 0.0000,
0.0000

■ 170.1600,
-12.8969, -16.8033

■ 245.4150, -9.5716,
-10.0110

■ 143.6870,
-12.1707, -16.3885

■ 117.8010,
-11.7339, -16.4885

■ 93.2140, -11.4445,
-15.9737

■ 68.7410, -10.7183,
-15.5589

■ 46.2680, -9.9921,
-15.1440

■ 24.1110, -11.8867,

-14.1293

■ 7.0440, -3.4727,
-6.1776

■ 0.0000, 0.0000,
0.0000

■ 197.7470,
-13.1863, -17.3181

■ 197.7470,
-13.1863, -17.3181

■ 189.9710,
-19.7057, -26.2846

■ 205.5230, -6.6668,
-8.3517

■ 182.0810,
-26.6619, -35.1510

■ 213.1140, 0.4368,
-0.1000

■ 174.6040,
-33.3288, -43.5027

■ 220.8900, 6.9562,
8.8665

■ 166.8280,
-39.8482, -52.4692

■ 228.5520, 13.0389,
17.9329

■ 158.9380,
-46.8044, -61.3356

■ 230.3460, 12.1544,
21.6216

■ 151.1620,
-53.3239, -70.3021

■ 143.6850,
-59.9907, -78.6537

■ 135.9090,
-66.5101, -87.6202

■ 135.4960,
-66.7995, -88.1350

Harmonies

Analogous

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



201.0010, -21.6925, 4.3841



197.7470, -13.1863, -17.3181



194.8290, -0.9017, -37.5610

Triad

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



197.7470, -13.1863, -17.3181



199.3330, 24.9788, -31.8640



206.9620, -8.8553, 40.3753

Complementary

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



197.7470, -13.1863, -17.3181



186.2530, 13.1863, 17.3181

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.



207.7190, 3.0965, 33.5724



197.7470, -13.1863, -17.3181



204.0910, 22.1401, -7.9728

Square

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



197.7470, -13.1863, -17.3181



194.4250, 21.9755, -48.6077



207.1820, 14.2073, 16.5034



205.1220, -18.3011, 36.7270

Rectangle

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



197.7470, -13.1863, -17.3181



193.1790, 8.2928, -46.6380



207.1820, 14.2073, 16.5034



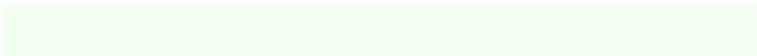
207.2870, -5.0715, 40.0903

Sweetspot

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



197.7470, -13.1863, -17.3181



249.4030, -4.6357, -6.4924



204.1030, -16.3198, 7.8027



124.5820, -2.7519, -4.0184



0.0000, 0.0000, 0.0000



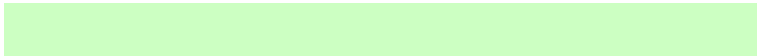
128.0000, 0.0000, 0.0000

Same Dimension

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



197.7470, -13.1863, -17.3181



232.7970, -19.1269, -25.2550



197.2500, -6.0393, -23.0212



103.0550, -3.4781, -4.4332



108.7490, -53.6133, -70.8169



27.3340, -13.4757, -17.8329

Inverse Universe

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



186.2530, 13.1863, 17.3181



216.2030, 19.1269, 25.2550



186.7500, 6.0393, 23.0212



99.9450, 3.4781, 4.4332



61.9520, 53.7607, 70.2021



15.6660, 13.4757, 17.8329

Previews

White Background



This preview shows how the YUV color 197.7470, -13.1863, -17.3181 looks on a white background.

Color Contrast Check

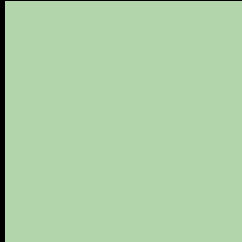
Large Text (above 18pt) WCAG AA × Fail

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 197.7470, -13.1863, -17.3181 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

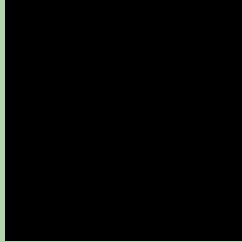
Any Text WCAG AA ✓ Pass

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 197.7470, -13.1863, -17.3181 Background



This preview shows how black text looks on a background with the YUV color 197.7470, -13.1863, -17.3181.



This preview shows how white text looks on a background with the YUV color 197.7470, -13.1863, -17.3181.

-17.3181.

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

197.7470, -13.1863, -17.3181

Protanopia

202.3700, -17.9304, 11.0765

Deuteranopia

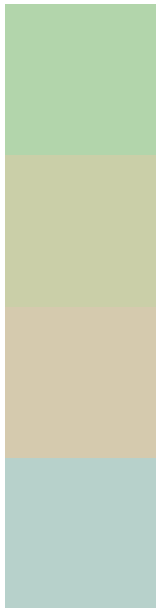
204.0820, -14.3374, 25.3611



Tritanopia

201.8440, 9.9369, -13.8952

Trichromacy



Original Color

197.7470, -13.1863, -17.3181

Protanomaly

201.0590, -16.2981, 0.8253

Deuteranomaly

202.0970, -13.8518, 9.5619

Tritanomaly

200.5420, 1.2118, -15.3843

Monochromacy



Original Color

197.7470, -13.1863, -17.3181

Achromatopsia

198.0000, 0.0000, 0.0000

Achromatomaly

197.7020, -4.7831, -5.8777

CSS Examples

Text

The CSS property to change the color of the text to YUV 197.7470, -13.1863, -17.3181 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(178, 213, 171)` looks like.

```
.text, #text, p{  
    color:rgb(178, 213, 171)  
}
```

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(178, 213, 171) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(178, 213, 171) }
```

Border

The CSS property to change the border of an element to YUV 197.7470, -13.1863, -17.3181 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(178, 213, 171) }
```


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

```
.border{ border-color:rgb(178, 213, 171) }
```

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

Here you see how a box with a 4 pixel `rgb(178, 213, 171)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(178, 213, 171); -webkit-box-  
shadow:4px 4px 4px 4px rgb(178, 213, 171);  
box-shadow:4px 4px 4px 4px rgb(178, 213,  
171) }
```

Background

The CSS property to change the background color of an element to YUV 197.7470, -13.1863, -17.3181 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(178, 213, 171) }
```

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

```
.background{ background-color: rgb(178,  
213, 171) }
```

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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