

Converting Colors

YUV(199.4170, -2.6706,
-30.1837)

Have a look what the booklet for
YUV(199.4170, -2.6706, -30.1837)
contains.

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Color

**YUV(199.4170, -2.6706,
-30.1837)**

Conversions

Conversions Part 1

Format	Color
Hex	A5DAC2
RGB	165, 218, 194
RGB Percent	65%, 85%, 76%
CMY	0.3529, 0.1451, 0.2392
CMYK	0.24, 0.00, 0.11, 0.15
HSL	153°, 42%, 75%
HSV	153°, 24%, 85%
XYZ	50.3261, 62.0372, 60.3608
YIQ	199.4170, -23.8840, -18.7000

Conversions

Conversions Part 2

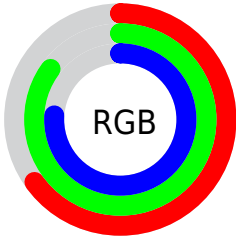
Format	Color
R _{YB}	165, 199, 218
Decimal	10869442
CIE Lab	82.93, -21.93, 6.28
CIE LCh	83, 22.814, 164.027
Yxy	62.0372, 0.2914, 0.3592
Android (android.graphics.Color)	4289059522 (0xFFFA5DAC2)
YUV	199.4170, -2.6706, -30.1837
Hunter-Lab	78.7637, -23.7839, 9.6975

Details

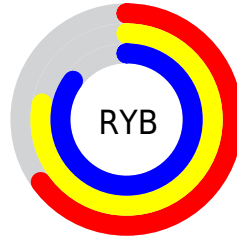
The YUV color **199.4170, -2.6706, -30.1837** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **183.5830, 2.6706, 30.1837**, and the grayscale version is **199.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **244.2640, 2.8278, -20.4025**, and **145.1290, -2.5286, -29.0541** is the 20% darker color. If you saturate the color by 10%, you get **191.6990, -3.7956, -42.7090**, and if you desaturate by 10%, it is **207.1350, -1.5456, -17.6584**.

Distribution



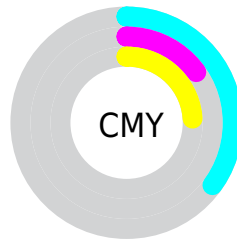
- Red (65%)
- Green (85%)
- Blue (76%)



- Red (65%)
- Yellow (78%)
- Blue (85%)



- Cyan (24%)
- Magenta (0%)
- Yellow (11%)
- Black (15%)



- Cyan (35%)
- Magenta (15%)
- Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the YUV color 199.4170, -2.6706, -30.1837 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 199.4170, -2.6706, -30.1837 by changing the saturation by 10% instead.

■ 199.4170, -2.6706,
-30.1837

■ 199.4170, -2.6706,
-30.1837

255.0000, 0.0000,
0.0000

■ 171.8300, -2.3812,
-29.6689

■ 244.2640, 2.8278,
-20.4025

■ 145.1290, -2.5286,
-29.0541

■ 253.5050, 0.7370,
-3.0739

■ 118.6560, -1.8024,
-28.6393

■ 93.9550, -1.9498,
-28.0245

■ 69.1830, -1.0762,
-28.2245

■ 45.1010, -0.0498,
-30.7836

■ 26.2160, -1.0925,

-22.9914

■ 10.5660, -5.2090,
-9.2664

■ 0.0000, 0.0000,
0.0000

■ 199.4170, -2.6706,
-30.1837

■ 199.4170, -2.6706,
-30.1837

■ 191.6990, -3.7956,
-42.7090

■ 207.1350, -1.5456,
-17.6584

■ 183.9810, -4.9206,
-55.2343

■ 214.8530, -0.4205,
-5.1331

■ 176.5620, -6.1931,
-67.1449

■ 222.2720, 0.8519,
6.7775

■ 168.9580, -6.8813,
-79.7702

■ 229.8760, 1.5401,
19.4027

■ 161.2400, -8.0063,
-92.2955

■ 231.9130, 5.4659,
20.2473

■ 153.5220, -9.1313,
-104.8208

■ 233.0530, 9.8339,
19.2475

■ 145.8040,
-10.2564, -117.3461

■ 233.2810, 10.7075,
19.0476

■ 141.5320,
-11.1083, -124.1236

Harmonies

Analogous

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



201.7800, -13.2025, -12.0851



199.4170, -2.6706, -30.1837



198.0270, 8.8607, -42.1197

Triad

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



199.4170, -2.6706, -30.1837



206.9120, 20.2564, -10.4468



208.9090, -15.2381, 34.2828

Complementary

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



199.4170, -2.6706, -30.1837



183.5830, 2.6706, 30.1837

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.



210.2110, -6.5130, 35.7720



199.4170, -2.6706, -30.1837



209.9210, 13.3499, 11.4703

Square

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



199.4170, -2.6706, -30.1837



202.8340, 21.7738, -30.5494



210.6150, 4.1338, 27.5246



206.8770, -20.1524, 23.7869

Rectangle

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



199.4170, -2.6706, -30.1837



198.4380, 15.5601, -44.2341



210.6150, 4.1338, 27.5246



208.9030, -12.7702, 36.0421

Sweetspot

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



199.4170, -2.6706, -30.1837



248.7060, -0.8411, -10.2662



203.5860, -19.0229, -11.9149



124.1410, -0.5625, -6.2627



0.0000, 0.0000, 0.0000



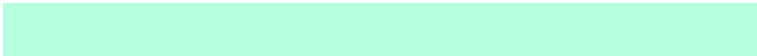
128.0000, 0.0000, 0.0000

Same Dimension

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



199.4170, -2.6706, -30.1837



229.1120, -3.5062, -42.1942



200.9790, 8.3914, -31.5536



106.1410, -0.5625, -6.2627



112.3810, -8.5688, -98.5581



29.8520, -2.3920, -26.1802

Inverse Universe

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



183.5830, 2.6706, 30.1837



207.0020, 3.9430, 42.0942



182.0210, -8.3914, 31.5536



102.8590, 0.5625, 6.2627



60.7330, 9.0056, 98.4582



16.1480, 2.3920, 26.1802

Previews

White Background



This preview shows how the YUV color 199.4170, -2.6706, -30.1837 looks on a white background.

Color Contrast Check

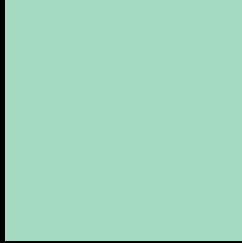
Large Text (above 18pt) WCAG AA × Fail

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 199.4170, -2.6706, -30.1837 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

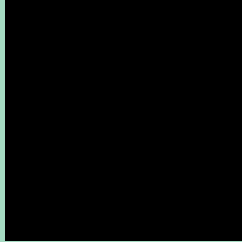
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 199.4170, -2.6706, -30.1837

Background



This preview shows how black text looks on a background with the YUV color 199.4170, -2.6706, -30.1837.



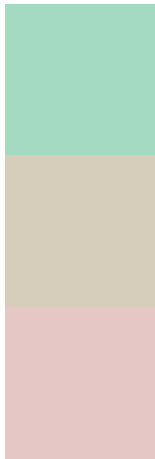
This preview shows how white text looks on a background with the YUV color 199.4170, -2.6706, -30.1837.

-30.1837.

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

199.4170, -2.6706, -30.1837

Protanopia

205.6390, -9.1890, 7.3326

Deuteranopia

207.8560, -4.8590, 18.5433



Tritanopia

202.6790, 13.4693, -26.9055

Trichromacy



Original Color

199.4170, -2.6706, -30.1837

Protanomaly

203.5340, -6.6723, -6.6073

Deuteranomaly

204.9740, -3.9312, 0.8998

Tritanomaly

201.4740, 7.6543, -28.4797

Monochromacy



Original Color

199.4170, -2.6706, -30.1837

Achromatopsia

199.0000, 0.0000, 0.0000

Achromatomaly

199.2930, -1.1304, -10.7810

CSS Examples

Text

The CSS property to change the color of the text to YUV 199.4170, -2.6706, -30.1837 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(165, 218, 194)` looks like.

```
.text, #text, p{  
    color:rgb(165, 218, 194)  
}
```

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(165, 218, 194) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(165, 218, 194) }
```

Border

The CSS property to change the border of an element to YUV 199.4170, -2.6706, -30.1837 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(165, 218, 194) }
```


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

```
.border{ border-color:rgb(165, 218, 194) }
```

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

Here you see how a box with a 4 pixel `rgb(165, 218, 194)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(165, 218, 194); -webkit-box-  
shadow:4px 4px 4px 4px rgb(165, 218, 194);  
box-shadow:4px 4px 4px 4px rgb(165, 218,  
194) }
```

Background

The CSS property to change the background color of an element to YUV 199.4170, -2.6706, -30.1837 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(165, 218, 194) }
```

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

```
.background{ background-color: rgb(165,  
218, 194) }
```

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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