

Converting Colors

YUV(200.5170, -7.6499,
-19.7474)

Have a look what the booklet for
YUV(200.5170, -7.6499, -19.7474)
contains.

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Color

**YUV(200.5170, -7.6499,
-19.7474)**

Conversions

Conversions Part 1

Format	Color
Hex	B2D7B9
RGB	178, 215, 185
RGB Percent	70%, 84%, 73%
CMY	0.3020, 0.1569, 0.2745
CMYK	0.17, 0.00, 0.14, 0.16
HSL	131°, 32%, 77%
HSV	131°, 17%, 84%
XYZ	51.4175, 61.5686, 55.0729
YIQ	200.5170, -12.4220, -17.1740

Conversions

Conversions Part 2

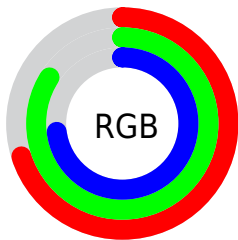
Format	Color
RYB	178, 209, 215
Decimal	11720633
CIELab	82.68, -17.95, 10.79
CIELCh	83, 20.948, 148.989
Yxy	61.5686, 0.3059, 0.3664
Android (android.graphics.Color)	4289910713 (0xFFB2D7B9)
YUV	200.5170, -7.6499, -19.7474
Hunter-Lab	78.4657, -20.3463, 13.3120

Details

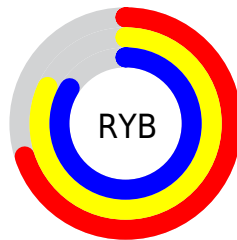
The YUV color $200.5170, -7.6499, -19.7474$ is a light color, and the websafe version is hex $99CC99$. A complement of this color would be $192.4830, 7.6499, 19.7474$, and the grayscale version is $201.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $247.1250, -3.0196, -11.5106$, and $146.3430, -7.0711, -18.7178$ is the 20% darker color. If you saturate the color by 10%, you get $192.3000, -11.9799, -30.9581$, and if you desaturate by 10%, it is $209.0330, -3.4673, -7.9219$.

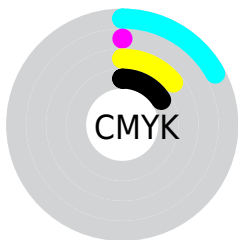
Distribution



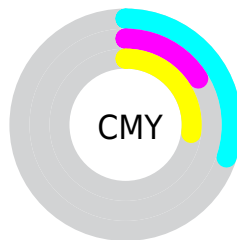
- Red (70%)
- Green (84%)
- Blue (73%)



- Red (70%)
- Yellow (82%)
- Blue (84%)



- Cyan (17%)
- Magenta (0%)
- Yellow (14%)
- Black (16%)



- Cyan (30%)
- Magenta (16%)
- Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the YUV color 200.5170, -7.6499, -19.7474 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 200.5170, -7.6499, -19.7474 by changing the saturation by 10% instead.

■ 200.5170, -7.6499,
-19.7474

■ 200.5170, -7.6499,
-19.7474

255.0000, 0.0000,
0.0000

■ 172.9300, -7.3605,
-19.2326

■ 247.1250, -3.0196,
-11.5106

■ 146.3430, -7.0711,
-18.7178

■ 120.7560, -6.7817,
-18.2030

■ 95.1690, -6.4923,
-17.6882

■ 71.5820, -6.2029,
-17.1734

■ 48.8100, -5.3293,
-17.3734

■ 26.9240, -4.8925,

-17.4733

■ 9.9790, -4.9196,
-8.7516

■ 0.0000, 0.0000,
0.0000

■ 200.5170, -7.6499,
-19.7474

■ 200.5170, -7.6499,
-19.7474

■ 192.3000,
-11.9799, -30.9581

■ 209.0330, -3.4673,
-7.9219

■ 183.6700,
-16.5993, -42.6836

■ 217.3640, 1.2995,
3.1888

■ 175.1540,
-20.7819, -54.5091

■ 225.8800, 5.4822,
15.0142

■ 166.8230,
-25.5487, -65.6198

■ 231.5200, 11.5756,
20.5920

■ 158.3070,
-29.7314, -77.4452

■ 149.9760,
-34.4982, -88.5560

■ 141.4600,
-38.6808, -100.3814

■ 133.2430,
-43.0108, -111.5921

■ 130.8790,
-44.3103, -114.7809

Harmonies

Analogous

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



202.5640, -15.5611, -2.2486



200.5170, -7.6499, -19.7474



198.4750, 2.7238, -33.7426

Triad

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



200.5170, -7.6499, -19.7474



204.7430, 19.8467, -19.0686



208.5760, -10.1440, 33.6978

Complementary

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



200.5170, -7.6499, -19.7474



192.4830, 7.6499, 19.7474

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.



209.2580, -1.1132, 30.4687



200.5170, -7.6499, -19.7474



207.8380, 15.8559, 1.0191

Square

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



200.5170, -7.6499, -19.7474



200.4160, 19.0219, -34.5678



209.2980, 8.2341, 19.0327



207.1100, -16.8162, 27.0905

Rectangle

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



200.5170, -7.6499, -19.7474



198.2770, 9.7234, -38.8309



209.2980, 8.2341, 19.0327



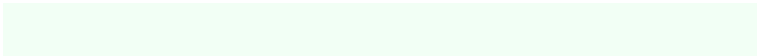
208.6730, -7.2338, 33.6128

Sweetspot

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



200.5170, -7.6499, -19.7474



249.9730, -2.4517, -6.9923



208.6890, -15.1297, -0.6043



124.8100, -1.8783, -4.2184



0.0000, 0.0000, 0.0000



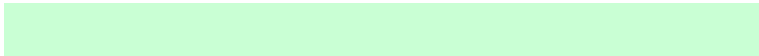
128.0000, 0.0000, 0.0000

Same Dimension

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



200.5170, -7.6499, -19.7474



233.9520, -10.8223, -28.8989



202.5690, 0.2125, -21.5470



102.6850, -2.3097, -5.8627



104.0250, -35.5083, -91.2299



26.1530, -8.9494, -22.9362

Inverse Universe

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



192.4830, 7.6499, 19.7474



222.1620, 11.2591, 28.7989



190.4310, -0.2125, 21.5470



100.3150, 2.3097, 5.8627



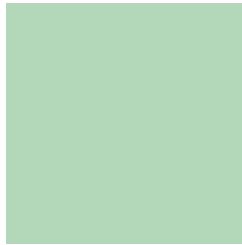
66.9750, 35.5083, 91.2299



16.8470, 8.9494, 22.9362

Previews

White Background



This preview shows how the YUV color 200.5170, -7.6499, -19.7474 looks on a white background.

Color Contrast Check

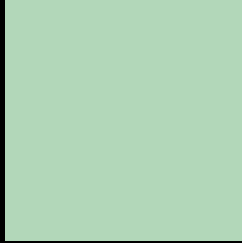
Large Text (above 18pt) WCAG AA × Fail

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 200.5170, -7.6499, -19.7474 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

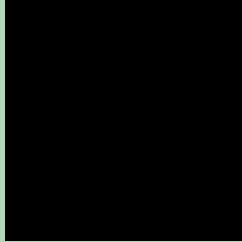
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 200.5170, -7.6499, -19.7474

Background



This preview shows how black text looks on a background with the YUV color 200.5170, -7.6499, -19.7474.



This preview shows how white text looks on a background with the YUV color 200.5170, -7.6499, -19.7474.

-19.7474.

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

200.5170, -7.6499, -19.7474

Protanopia

205.1400, -12.3940, 8.6472

Deuteranopia

206.7270, -9.2324, 21.2874



Tritanopia

203.7620, 10.9633, -16.4543

Trichromacy



Original Color

200.5170, -7.6499, -19.7474

Protanomaly

203.8290, -10.7617, -1.6040

Deuteranomaly

204.4540, -8.6048, 6.6178

Tritanomaly

202.3290, 4.2748, -17.8285

Monochromacy



Original Color

200.5170, -7.6499, -19.7474

Achromatopsia

201.0000, 0.0000, 0.0000

Achromatomaly

200.8590, -2.8885, -6.8923

CSS Examples

Text

The CSS property to change the color of the text to YUV 200.5170, -7.6499, -19.7474 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, 215, 185)` looks like.

```
.text, #text, p{  
    color:rgb(178, 215, 185)  
}
```

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, 215, 185) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(178, 215, 185) }
```

Border

The CSS property to change the border of an element to YUV 200.5170, -7.6499, -19.7474 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, 215, 185) }
```


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

```
.border{ border-color:rgb(178, 215, 185) }
```

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

Here you see how a box with a 4 pixel `rgb(178, 215, 185)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(178, 215, 185); -webkit-box-  
shadow:4px 4px 4px 4px rgb(178, 215, 185);  
box-shadow:4px 4px 4px 4px rgb(178, 215,  
185) }
```

Background

The CSS property to change the background color of an element to YUV 200.5170, -7.6499, -19.7474 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(178, 215, 185) }
```

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

```
.background{ background-color: rgb(178,  
215, 185) }
```

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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