

Converting Colors

YUV(217.5010, -10.1070,
-24.9954)

Have a look what the booklet for
YUV(217.5010, -10.1070, -24.9954)
contains.

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Color

**YUV(217.5010, -10.1070,
-24.9954)**

Conversions

Conversions Part 1

Format	Color
Hex	BDECC5
RGB	189, 236, 197
RGB Percent	74%, 93%, 77%
CMY	0.2588, 0.0745, 0.2275
CMYK	0.20, 0.00, 0.17, 0.07
HSL	130°, 55%, 83%
HSV	130°, 20%, 93%
XYZ	61.0598, 74.8409, 64.0509
YIQ	217.5010, -15.4930, -22.0930

Conversions

Conversions Part 2

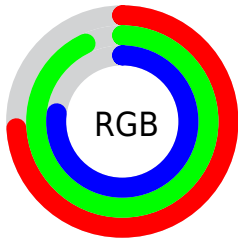
Format	Color
RYB	189, 229, 236
Decimal	12446917
CIELab	89.32, -22.53, 14.00
CIElCh	89, 26.528, 148.135
Yxy	74.8409, 0.3054, 0.3743
Android (android.graphics.Color)	4290636997 (0xFFBDECC5)
YUV	217.5010, -10.1070, -24.9954
Hunter-Lab	86.5107, -25.4072, 16.6602

Details

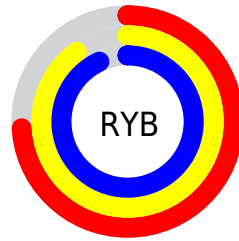
The YUV color $217.5010, -10.1070, -24.9954$ is a light color, and the websafe version is hex $CCFFCC$. A complement of this color would be $207.4990, 10.1070, 24.9954$, and the grayscale version is $218.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $252.1950, 0.8899, -5.4330$, and $162.3270, -9.5282, -23.9658$ is the 20% darker color. If you saturate the color by 10%, you get $208.0450, -15.3052, -37.7505$, and if you desaturate by 10%, it is $226.9570, -4.9088, -12.2403$.

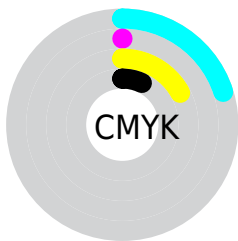
Distribution



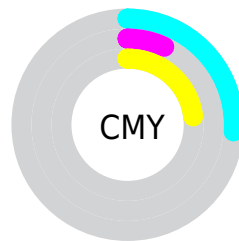
- Red (74%)
- Green (93%)
- Blue (77%)



- Red (74%)
- Yellow (90%)
- Blue (93%)



- Cyan (20%)
- Magenta (0%)
- Yellow (17%)
- Black (7%)



- Cyan (26%)
- Magenta (7%)
- Yellow (23%)

Brightness & Saturation Gradients

These gradients show how the YUV color 217.5010, -10.1070, -24.9954 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 217.5010, -10.1070, -24.9954 by changing the saturation by 10% instead.

■ 217.5010,
-10.1070, -24.9954

■ 217.5010,
-10.1070, -24.9954

255.0000, 0.0000,
0.0000

■ 189.9140, -9.8176,
-24.4806

■ 252.1950, 0.8899,
-5.4330

■ 162.3270, -9.5282,
-23.9658

■ 135.8540, -8.8020,
-23.5510

■ 110.2670, -8.5126,
-23.0362

■ 85.6800, -8.2232,
-22.5214

■ 61.9080, -7.3496,
-22.7213

■ 37.8370, -6.3286,

-23.5360

■ 19.3710, -9.5499,
-16.9884

■ 0.0000, 0.0000,
0.0000

■ 217.5010,
-10.1070, -24.9954

■ 217.5010,
-10.1070, -24.9954

■ 208.0450,
-15.3052, -37.7505

■ 226.9570, -4.9088,
-12.2403

■ 199.0020,
-20.2140, -49.9908

■ 236.0000, 0.0000,
0.0000

■ 189.5460,
-25.4122, -62.7458

■ 243.8470, 5.4984,
9.7812

■ 180.5030,
-30.3210, -74.9861

■ 171.0470,
-35.5192, -87.7412

■ 161.7050,
-40.2806, -100.5963

■ 152.5480,
-45.6262, -112.7366

■ 143.0920,
-50.8244, -125.4917

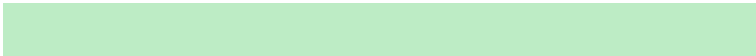
Harmonies

Analogous

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



220.5980, -20.5078, -2.2784



217.5010, -10.1070, -24.9954



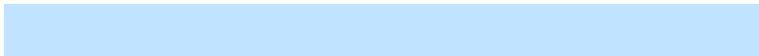
214.6370, 3.6300, -44.4086

Triad

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



217.5010, -10.1070, -24.9954



219.7270, 17.3896, -24.3166



221.3690, -9.5489, 29.4944

Complementary

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



217.5010, -10.1070, -24.9954



207.4990, 10.1070, 24.9954

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.



223.6320, 1.6604, 27.5097



217.5010, -10.1070, -24.9954



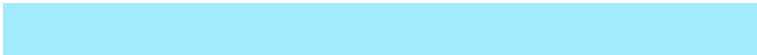
224.9090, 14.8349, 1.8338

Square

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



217.5010, -10.1070, -24.9954



215.4640, 19.4912, -45.1339



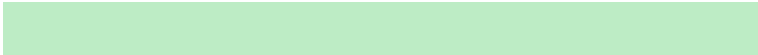
228.8300, 11.4228, 22.9511



222.6110, -20.0212, 28.4052

Rectangle

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



217.5010, -10.1070, -24.9954



213.8840, 12.3822, -51.6413



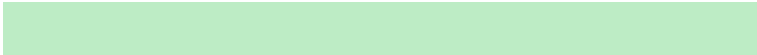
228.8300, 11.4228, 22.9511



221.6940, -5.7651, 29.2094

Sweetspot

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



217.5010, -10.1070, -24.9954



249.0330, -3.4673, -7.9219



228.2500, -19.3502, -0.2192



124.3970, -2.1677, -4.7332



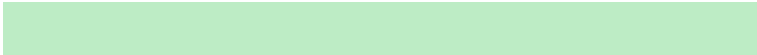
0.0000, 0.0000, 0.0000



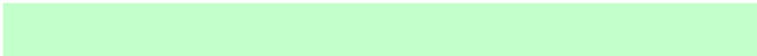
128.0000, 0.0000, 0.0000

Same Dimension

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



217.5010, -10.1070, -24.9954



230.9470, -13.2849, -32.4025



220.1230, -0.0606, -27.2949



112.6850, -2.3097, -5.8627



109.7810, -38.8390, -96.2779



32.7240, -11.6959, -28.6989

Inverse Universe

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



207.4990, 10.1070, 24.9954



218.0530, 13.2849, 32.4025



204.8770, 0.0606, 27.2949



110.3150, 2.3097, 5.8627



71.2190, 38.8390, 96.2779



21.1620, 11.2591, 28.7989

Previews

White Background



This preview shows how the YUV color 217.5010, -10.1070, -24.9954 looks on a white background.

Color Contrast Check

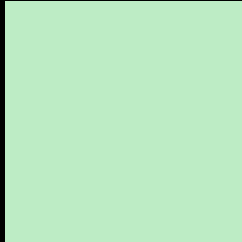
Large Text (above 18pt) WCAG AA × Fail

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 217.5010, -10.1070, -24.9954 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

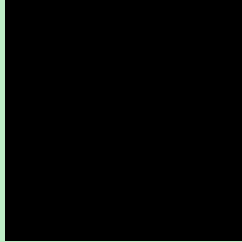
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

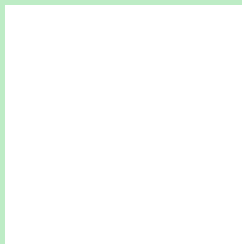
Any Text WCAG AAA ✓ Pass

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

YUV 217.5010, -10.1070, -24.9954 Background



This preview shows how black text looks on a background with the YUV color 217.5010, -10.1070, -24.9954.



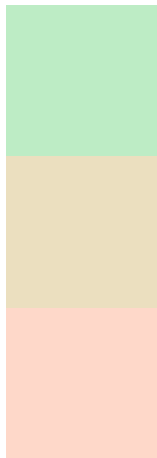
This preview shows how white text looks on a background with the YUV color 217.5010, -10.1070, -24.9954.

-24.9954.

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

217.5010, -10.1070, -24.9954

Protanopia

222.9400, -15.7464, 10.5766

Deuteranopia

225.6520, -12.1534, 24.8612



Tritanopia

221.7830, 12.4320, -20.8577

Trichromacy



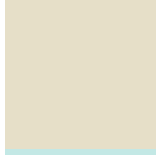
Original Color

217.5010, -10.1070, -24.9954



Protanomaly

221.0200, -13.8139, -2.6485



Deuteranomaly

222.4710, -11.0782, 6.6029



Tritanomaly

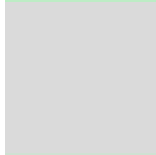
220.5950, 4.1437, -22.4468

Monochromacy



Original Color

217.5010, -10.1070, -24.9954



Achromatopsia

218.0000, 0.0000, 0.0000



Achromatomaly

217.9080, -3.8986, -9.5663

CSS Examples

Text

The CSS property to change the color of the text to YUV 217.5010, -10.1070, -24.9954 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(189, 236, 197)` looks like.

```
.text, #text, p{  
    color:rgb(189, 236, 197)  
}
```

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(189, 236, 197) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(189, 236, 197) }
```

Border

The CSS property to change the border of an element to YUV 217.5010, -10.1070, -24.9954 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(189, 236, 197) }
```


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

```
.border{ border-color:rgb(189, 236, 197) }
```

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

Here you see how a box with a 4 pixel `rgb(189, 236, 197)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(189, 236, 197); -webkit-box-shadow:4px 4px 4px 4px rgb(189, 236, 197); box-shadow:4px 4px 4px 4px rgb(189, 236, 197) }
```

Background

The CSS property to change the background color of an element to YUV 217.5010, -10.1070, -24.9954 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(189, 236, 197) }
```

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

```
.background{ background-color: rgb(189,  
236, 197) }
```

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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