

Converting Colors

YUV(217.9610, -4.4178,
-29.7838)

Have a look what the booklet for
YUV(217.9610, -4.4178, -29.7838)
contains.

YUV(217.9610, -4.4178, -29.7838)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YUV(217.9610, -4.4178,
-29.7838)**

Conversions

Conversions Part 1

Format	Color
Hex	B8EDD1
RGB	184, 237, 209
RGB Percent	72%, 93%, 82%
CMY	0.2784, 0.0706, 0.1804
CMYK	0.22, 0.00, 0.12, 0.07
HSL	148°, 60%, 83%
HSV	148°, 22%, 93%
XYZ	61.5600, 75.3622, 71.6234
YIQ	217.9610, -22.6000, -19.9440

Conversions

Conversions Part 2

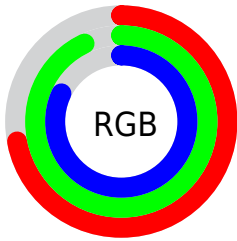
Format	Color
RYB	184, 220, 237
Decimal	12119505
CIELab	89.56, -22.41, 8.07
CIElCh	90, 23.814, 160.202
Yxy	75.3622, 0.2952, 0.3614
Android (android.graphics.Color)	4290309585 (0xFFB8EDD1)
YUV	217.9610, -4.4178, -29.7838
Hunter-Lab	86.8114, -25.3414, 11.8510

Details

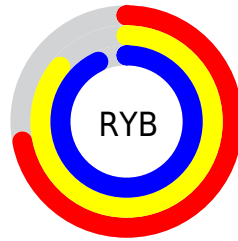
The YUV color **217.9610, -4.4178, -29.7838** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **203.0390, 4.4178, 29.7838**, and the grayscale version is **218.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **250.8140, 2.0637, -8.6069**, and **162.7870, -3.8390, -28.7542** is the 20% darker color. If you saturate the color by 10%, you get **209.3030, -6.5584, -43.2387**, and if you desaturate by 10%, it is **226.6190, -2.2772, -16.3289**.

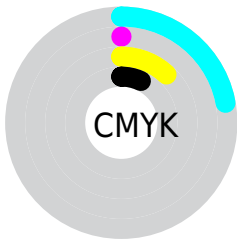
Distribution



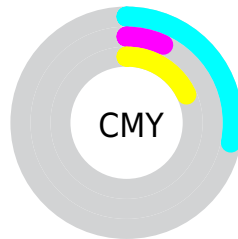
- Red (72%)
- Green (93%)
- Blue (82%)



- Red (72%)
- Yellow (86%)
- Blue (93%)



- Cyan (22%)
- Magenta (0%)
- Yellow (12%)
- Black (7%)



- Cyan (28%)
- Magenta (7%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the YUV color 217.9610, -4.4178, -29.7838 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 217.9610, -4.4178, -29.7838 by changing the saturation by 10% instead.

■ 217.9610, -4.4178,
-29.7838

■ 217.9610, -4.4178,
-29.7838

255.0000, 0.0000,
0.0000

■ 190.2600, -4.5652,
-29.1690

■ 250.8140, 2.0637,
-8.6069

■ 162.7870, -3.8390,
-28.7542

■ 136.2000, -3.5496,
-28.2394

■ 110.6130, -3.2602,
-27.7246

■ 85.6130, -3.2602,
-27.7246

■ 61.2540, -2.0972,
-27.4098

■ 36.8730, -0.9234,

-30.5836

■ 21.5540, -3.7241,
-18.9029

■ 0.0000, 0.0000,
0.0000

■ 217.9610, -4.4178,
-29.7838

■ 217.9610, -4.4178,
-29.7838

■ 209.3030, -6.5584,
-43.2387

■ 226.6190, -2.2772,
-16.3289

■ 201.0580, -8.4096,
-56.1789

■ 234.8640, -0.4260,
-3.3887

■ 192.4000,
-10.5502, -69.6338

■ 243.5220, 1.7147,
10.0662

■ 183.8560,
-12.2540, -83.1887

■ 244.4340, 5.2090,
9.2664

■ 175.1980,
-14.3946, -96.6436

■ 166.9530,
-16.2458, -109.5838

■ 158.2950,
-18.3864, -123.0387

■ 151.8870,
-19.6643, -133.2049

Harmonies

Analogous

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



220.9220, -15.2445, -10.4556



217.9610, -4.4178, -29.7838



216.0870, 7.8451, -43.0493

Triad

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



217.9610, -4.4178, -29.7838



223.0490, 15.7518, -12.3210



223.1470, -12.8905, 27.9351

Complementary

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



217.9610, -4.4178, -29.7838



203.0390, 4.4178, 29.7838

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.



223.7800, -2.8495, 27.3799



217.9610, -4.4178, -29.7838



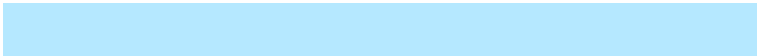
227.9100, 13.3554, 9.7259

Square

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



217.9610, -4.4178, -29.7838



219.3730, 17.5641, -33.6531



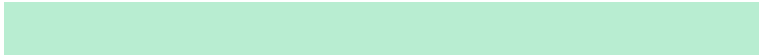
227.5760, 6.6180, 24.0508



225.6600, -21.0314, 25.7312

Rectangle

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



217.9610, -4.4178, -29.7838



216.0140, 15.2761, -46.4933



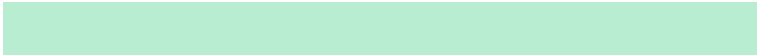
227.5760, 6.6180, 24.0508



223.2440, -9.9803, 27.8500

Sweetspot

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



217.9610, -4.4178, -29.7838



248.5920, -1.2779, -10.1662



223.4830, -19.4651, -10.0706



124.0270, -0.9993, -6.1627



0.0000, 0.0000, 0.0000



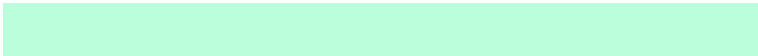
128.0000, 0.0000, 0.0000

Same Dimension

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



217.9610, -4.4178, -29.7838



230.2650, -5.5536, -38.8204



220.9250, 6.9390, -32.3832



113.0270, -0.9993, -6.1627



115.9370, -15.2519, -101.6767



34.5480, -4.7072, -30.2986

Inverse Universe

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



203.0390, 4.4178, 29.7838



210.8490, 5.9904, 38.7204



200.0750, -6.9390, 32.3832



109.9730, 0.9993, 6.1627



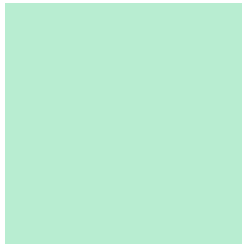
65.0630, 15.2519, 101.6767



19.3380, 4.2704, 30.3986

Previews

White Background



This preview shows how the YUV color 217.9610, -4.4178, -29.7838 looks on a white background.

Color Contrast Check

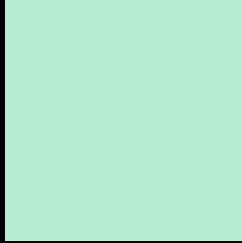
Large Text (above 18pt) WCAG AA × Fail

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 217.9610, -4.4178, -29.7838 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

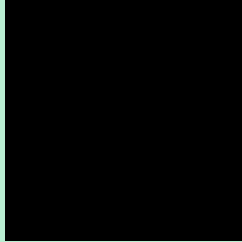
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

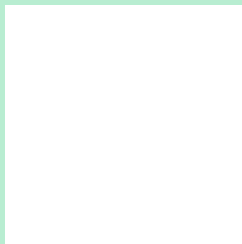
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 217.9610, -4.4178, -29.7838

Background



This preview shows how black text looks on a background with the YUV color 217.9610, -4.4178, -29.7838.



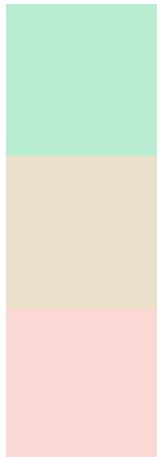
This preview shows how white text looks on a background with the YUV color 217.9610, -4.4178,

-29.7838.

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

217.9610, -4.4178, -29.7838

Protanopia

224.4820, -11.0836, 8.3473

Deuteranopia

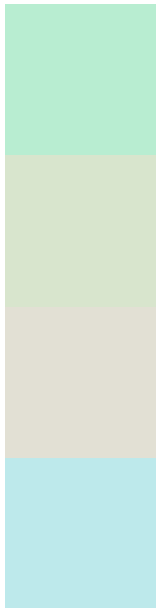
226.4110, -6.6116, 20.6876



Tritanopia

221.5050, 14.0480, -25.8759

Trichromacy



Original Color

217.9610, -4.4178, -29.7838

Protanomaly

222.3770, -8.5669, -5.5926

Deuteranomaly

223.2300, -5.5364, 2.4293

Tritanomaly

220.0720, 7.3595, -27.2501

Monochromacy



Original Color

217.9610, -4.4178, -29.7838

Achromatopsia

218.0000, 0.0000, 0.0000

Achromatomaly

218.1790, -1.5672, -10.6810

CSS Examples

Text

The CSS property to change the color of the text to YUV 217.9610, -4.4178, -29.7838 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(184, 237, 209)` looks like.

```
.text, #text, p{  
    color:rgb(184, 237, 209)  
}
```

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(184, 237, 209) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(184, 237, 209) }
```

Border

The CSS property to change the border of an element to YUV 217.9610, -4.4178, -29.7838 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(184, 237, 209) }
```


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

```
.border{ border-color:rgb(184, 237, 209) }
```

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

Here you see how a box with a 4 pixel `rgb(184, 237, 209)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(184, 237, 209); -webkit-box-  
shadow:4px 4px 4px 4px rgb(184, 237, 209);  
box-shadow:4px 4px 4px 4px rgb(184, 237,  
209) }
```

Background

The CSS property to change the background color of an element to YUV 217.9610, -4.4178, -29.7838 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(184, 237, 209) }
```

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

```
.background{ background-color: rgb(184,  
237, 209) }
```

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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