

Converting Colors

YUV(217.7160, -2.8180,
-29.5689)

Have a look what the booklet for
YUV(217.7160, -2.8180, -29.5689)
contains.

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Color

**YUV(217.7160, -2.8180,
-29.5689)**

Conversions

Conversions Part 1

Format	Color
Hex	B8ECD4
RGB	184, 236, 212
RGB Percent	72%, 93%, 83%
CMY	0.2784, 0.0745, 0.1686
CMYK	0.22, 0.00, 0.10, 0.07
HSL	152°, 58%, 82%
HSV	152°, 22%, 93%
XYZ	61.6463, 74.9347, 73.5021
YIQ	217.7160, -23.2880, -18.4880

Conversions

Conversions Part 2

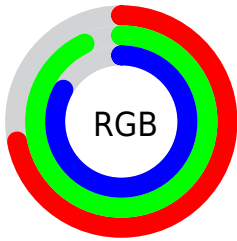
Format	Color
RYB	184, 218, 236
Decimal	12119252
CIELab	89.36, -21.34, 6.21
CIELCh	89, 22.229, 163.768
Yxy	74.9347, 0.2934, 0.3567
Android (android.graphics.Color)	4290309332 (0xFFB8ECD4)
YUV	217.7160, -2.8180, -29.5689
Hunter-Lab	86.5648, -24.3715, 10.2523

Details

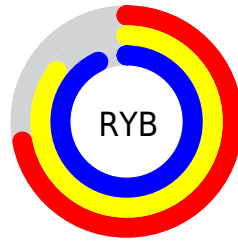
The YUV color **217.7160, -2.8180, -29.5689** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **202.2840, 2.8180, 29.5689**, and the grayscale version is **218.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **250.8140, 2.0637, -8.6069**, and **162.4280, -2.6760, -28.4394** is the 20% darker color. If you saturate the color by 10%, you get **209.2860, -4.0850, -43.2238**, and if you desaturate by 10%, it is **226.1460, -1.5510, -15.9140**.

Distribution



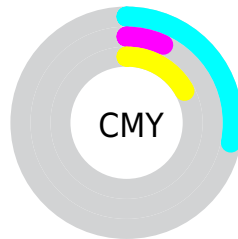
- Red (72%)
- Green (93%)
- Blue (83%)



- Red (72%)
- Yellow (85%)
- Blue (93%)



- Cyan (22%)
- Magenta (0%)
- Yellow (10%)
- Black (7%)



- Cyan (28%)
- Magenta (7%)
- Yellow (17%)

Brightness & Saturation Gradients

These gradients show how the YUV color 217.7160, -2.8180, -29.5689 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 217.7160, -2.8180, -29.5689 by changing the saturation by 10% instead.

■ 217.7160, -2.8180,
-29.5689

■ 217.7160, -2.8180,
-29.5689

255.0000, 0.0000,
0.0000

■ 190.0150, -2.9654,
-28.9542

■ 250.8140, 2.0637,
-8.6069

■ 162.4280, -2.6760,
-28.4394

■ 135.8410, -2.3866,
-27.9246

■ 110.2540, -2.0972,
-27.4098

■ 85.3680, -1.6604,
-27.5097

■ 61.4820, -1.2236,
-27.6097

■ 36.8130, 0.0922,

-29.6540

■ 21.3090, -2.1243,
-18.6880

■ 0.0000, 0.0000,
0.0000

■ 217.7160, -2.8180,
-29.5689

■ 217.7160, -2.8180,
-29.5689

■ 209.2860, -4.0850,
-43.2238

■ 226.1460, -1.5510,
-15.9140

■ 201.1550, -5.4994,
-56.2639

■ 234.2770, -0.1366,
-2.8739

■ 192.7250, -6.7664,
-69.9188

■ 242.7070, 1.1304,
10.7810

■ 184.5940, -8.1808,
-82.9589

■ 243.8470, 5.4984,
9.7812

■ 176.2780, -9.0111,
-96.7138

■ 167.8480,
-10.2781, -110.3687

■ 159.7170,
-11.6925, -123.4088

■ 153.0100,
-12.8229, -134.1898

Harmonies

Analogous

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



220.0790, -13.3499, -11.4703



217.7160, -2.8180, -29.5689



216.3260, 8.7133, -41.5049

Triad

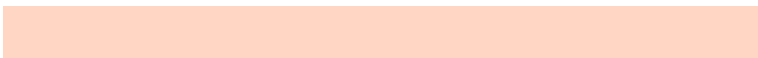
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



217.7160, -2.8180, -29.5689



223.6580, 15.4516, -9.3471



223.6200, -13.6167, 27.5203

Complementary

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



217.7160, -2.8180, -29.5689



202.2840, 2.8180, 29.5689

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.



224.0250, -4.4493, 27.1651



217.7160, -2.8180, -29.5689



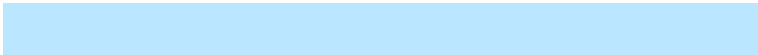
227.6220, 13.4974, 10.8555

Square

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



217.7160, -2.8180, -29.5689



219.9930, 17.2585, -28.9349



227.1200, 4.8708, 24.4508



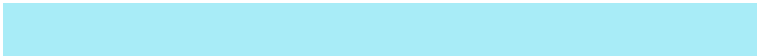
224.8770, -20.1524, 23.7869

Rectangle

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



217.7160, -2.8180, -29.5689



216.9220, 14.8285, -42.9046



227.1200, 4.8708, 24.4508



223.7170, -10.7065, 27.4352

Sweetspot

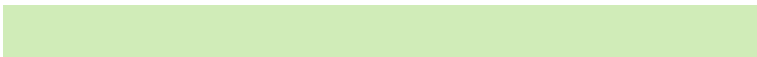
The Sweet Spot groups the original color and five complimentary colors.



217.7160, -2.8180, -29.5689



248.7060, -0.8411, -10.2662



221.7000, -18.5861, -12.0149



124.1410, -0.5625, -6.2627



0.0000, 0.0000, 0.0000



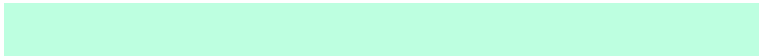
128.0000, 0.0000, 0.0000

Same Dimension

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



217.7160, -2.8180, -29.5689



231.7320, -3.8119, -37.4760



219.2780, 8.2439, -30.9388



113.1410, -0.5625, -6.2627



117.3050, -10.0104, -102.8765



35.0040, -2.9600, -30.6985

Inverse Universe

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



202.2840, 2.8180, 29.5689



212.1540, 3.3751, 37.5759



200.7220, -8.2439, 30.9388



109.8590, 0.5625, 6.2627



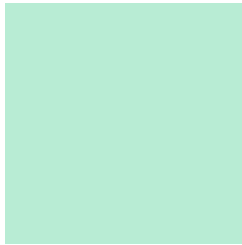
63.6950, 10.0104, 102.8765



18.9960, 2.9600, 30.6985

Previews

White Background



This preview shows how the YUV color 217.7160, -2.8180, -29.5689 looks on a white background.

Color Contrast Check

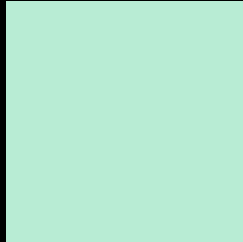
Large Text (above 18pt) WCAG AA × Fail

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 217.7160, -2.8180, -29.5689 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

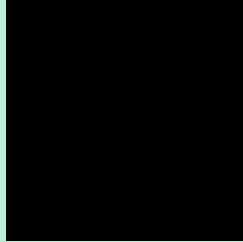
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 217.7160, -2.8180, -29.5689

Background



This preview shows how black text looks on a background with the YUV color 217.7160, -2.8180, -29.5689.



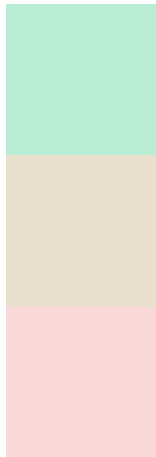
This preview shows how white text looks on a background with the YUV color 217.7160, -2.8180,

-29.5689.

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

217.7160, -2.8180, -29.5689

Protanopia

223.6390, -9.1890, 7.3326

Deuteranopia

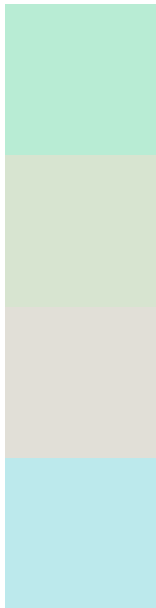
225.5680, -4.7170, 19.6729



Tritanopia

221.0920, 13.7586, -26.3907

Trichromacy



Original Color

217.7160, -2.8180, -29.5689

Protanomaly

221.8330, -6.8197, -5.9925

Deuteranomaly

222.6860, -3.7892, 2.0294

Tritanomaly

219.8870, 7.9437, -27.9649

Monochromacy



Original Color

217.7160, -2.8180, -29.5689

Achromatopsia

218.0000, 0.0000, 0.0000

Achromatomaly

218.2930, -1.1304, -10.7810

CSS Examples

Text

The CSS property to change the color of the text to YUV 217.7160, -2.8180, -29.5689 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, 236, 212)` looks like.

```
.text, #text, p{  
    color:rgb(184, 236, 212)  
}
```

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, 236, 212) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(184, 236, 212) }
```

Border

The CSS property to change the border of an element to YUV 217.7160, -2.8180, -29.5689 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, 236, 212) }
```


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

```
.border{ border-color:rgb(184, 236, 212) }
```

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

Here you see how a box with a 4 pixel `rgb(184, 236, 212)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(184, 236, 212); -webkit-box-  
shadow:4px 4px 4px 4px rgb(184, 236, 212);  
box-shadow:4px 4px 4px 4px rgb(184, 236,  
212) }
```

Background

The CSS property to change the background color of an element to YUV 217.7160, -2.8180, -29.5689 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(184, 236, 212) }
```

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

```
.background{ background-color: rgb(184,  
236, 212) }
```

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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