

Converting Colors

YUV(217.8150, -6.3178,
-27.0248)

Have a look what the booklet for
YUV(217.8150, -6.3178, -27.0248)
contains.

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Color

**YUV(217.8150, -6.3178,
-27.0248)**

Conversions

Conversions Part 1

Format	Color
Hex	BBECCD
RGB	187, 236, 205
RGB Percent	73%, 93%, 80%
CMY	0.2667, 0.0745, 0.1961
CMYK	0.21, 0.00, 0.13, 0.07
HSL	142°, 56%, 83%
HSV	142°, 21%, 93%
XYZ	61.5084, 74.9635, 68.9852
YIQ	217.8150, -19.2530, -20.0290

Conversions

Conversions Part 2

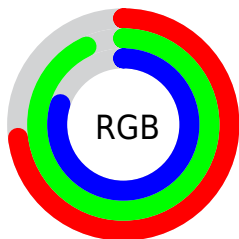
Format	Color
RYB	187, 223, 236
Decimal	12315853
CIELab	89.38, -21.72, 9.91
CIELCh	89, 23.876, 155.485
Yxy	74.9635, 0.2994, 0.3649
Android (android.graphics.Color)	4290505933 (0xFFBBECCD)
YUV	217.8150, -6.3178, -27.0248
Hunter-Lab	86.5815, -24.7092, 13.3668

Details

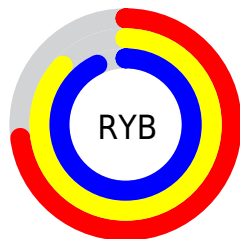
The YUV color **217.8150, -6.3178, -27.0248** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **205.1850, 6.3178, 27.0248**, and the grayscale version is **218.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **251.7110, 1.6215, -6.7625**, and **162.6410, -5.7390, -25.9952** is the 20% darker color. If you saturate the color by 10%, you get **208.9290, -9.3320, -40.2797**, and if you desaturate by 10%, it is **226.7010, -3.3036, -13.7698**.

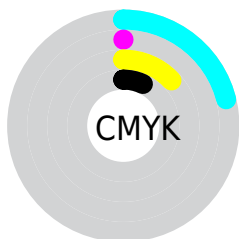
Distribution



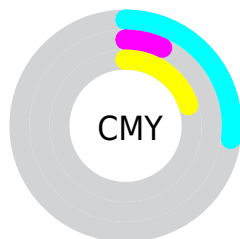
- Red (73%)
- Green (93%)
- Blue (80%)



- Red (73%)
- Yellow (87%)
- Blue (93%)



- Cyan (21%)
- Magenta (0%)
- Yellow (13%)
- Black (7%)




- Cyan (27%)
- Magenta (7%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the YUV color 217.8150, -6.3178, -27.0248 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 217.8150, -6.3178, -27.0248 by changing the saturation by 10% instead.

 217.8150, -6.3178,
-27.0248

 217.8150, -6.3178,
-27.0248

255.0000, 0.0000,
0.0000


 190.2280, -6.0284,
-26.5100


 251.7110, 1.6215,
-6.7625

 162.6410, -5.7390,
-25.9952

 136.0540, -5.4496,
-25.4804

 110.4670, -5.1602,
-24.9656

 85.8800, -4.8708,
-24.4508

 61.9940, -4.4340,
-24.5507

 37.7380, -2.8288,

-26.0802

■ 20.3970, -5.6187,
-17.8882

■ 0.0000, 0.0000,
0.0000

■ 217.8150, -6.3178,
-27.0248

■ 217.8150, -6.3178,
-27.0248

■ 208.9290, -9.3320,
-40.2797

■ 226.7010, -3.3036,
-13.7698

■ 200.3420,
-12.4936, -52.9199

■ 235.2880, -0.1420,
-1.1296

■ 191.4560,
-15.5078, -66.1749

■ 243.2770, 3.3144,
10.2811

■ 182.8690,
-18.6694, -78.8151

■ 243.8470, 5.4984,
9.7812

■ 173.9830,
-21.6836, -92.0701

■ 165.0970,
-24.6978, -105.3251

■ 156.5100,
-27.8594, -117.9653

■ 148.4500,
-30.2948, -130.1906

Harmonies

Analogous

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



220.3030, -16.4184, -7.2817



217.8150, -6.3178, -27.0248



215.9300, 5.9505, -42.0346

Triad

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



217.8150, -6.3178, -27.0248



222.1410, 16.1995, -15.9097



222.7880, -11.7275, 28.2499

Complementary

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



217.8150, -6.3178, -27.0248



205.1850, 6.3178, 27.0248

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.



224.1220, -1.5391, 27.0800



217.8150, -6.3178, -27.0248



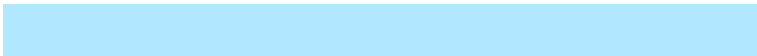
226.4150, 14.0924, 6.6520

Square

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



217.8150, -6.3178, -27.0248



218.1770, 18.1537, -36.1122



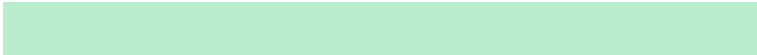
227.9180, 7.9284, 23.7509



224.6000, -20.0158, 26.6608

Rectangle

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



217.8150, -6.3178, -27.0248



215.2590, 13.6763, -46.7081



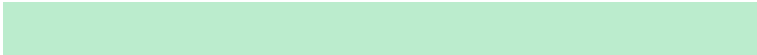
227.9180, 7.9284, 23.7509



222.9990, -8.3805, 28.0649

Sweetspot

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



217.8150, -6.3178, -27.0248



249.3750, -2.1569, -8.2219



225.0320, -18.7498, -6.1671



124.6250, -1.2941, -4.9331



0.0000, 0.0000, 0.0000



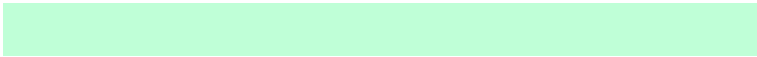
128.0000, 0.0000, 0.0000

Same Dimension

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



217.8150, -6.3178, -27.0248



231.3040, -8.0379, -35.3466



220.5510, 4.1654, -29.4242



112.9130, -1.4361, -6.0627



113.8850, -23.1143, -99.8771



33.9780, -6.8912, -29.7987

Inverse Universe

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



205.1850, 6.3178, 27.0248



214.8100, 8.4747, 35.2466



202.4490, -4.1654, 29.4242



110.0870, 1.4361, 6.0627



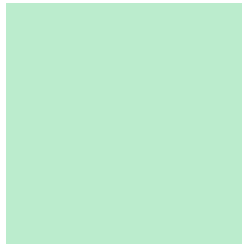
67.2290, 23.5511, 99.7772



20.0220, 6.8912, 29.7987

Previews

White Background



This preview shows how the YUV color 217.8150, -6.3178, -27.0248 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 217.8150, -6.3178, -27.0248 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

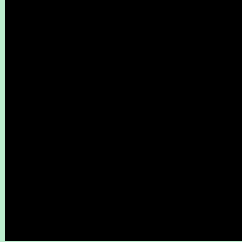
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

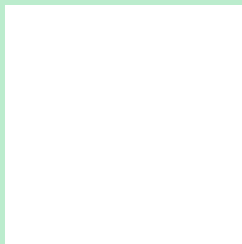
Any Text WCAG AAA ✓ Pass

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

YUV 217.8150, -6.3178, -27.0248 Background



This preview shows how black text looks on a background with the YUV color 217.8150, -6.3178, -27.0248.



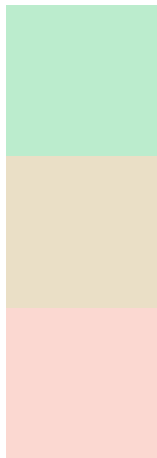
This preview shows how white text looks on a background with the YUV color 217.8150, -6.3178,

-27.0248.

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

217.8150, -6.3178, -27.0248

Protanopia

223.4390, -12.5414, 9.2620

Deuteranopia

225.6670, -8.2168, 22.2170



Tritanopia

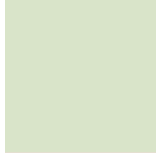
221.5870, 13.0216, -23.3168

Trichromacy



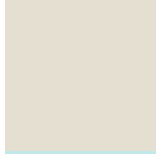
Original Color

217.8150, -6.3178, -27.0248



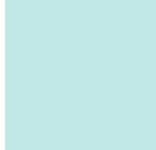
Protanomaly

221.6330, -10.1721, -4.0631



Deuteranomaly

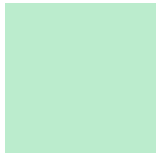
222.7850, -7.2890, 4.5736



Tritanomaly

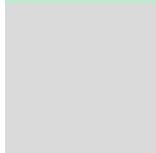
220.0400, 5.8963, -24.5911

Monochromacy



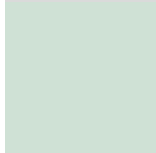
Original Color

217.8150, -6.3178, -27.0248



Achromatopsia

218.0000, 0.0000, 0.0000



Achromatomaly

218.2500, -2.5882, -9.8663

CSS Examples

Text

The CSS property to change the color of the text to YUV 217.8150, -6.3178, -27.0248 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(187, 236, 205)` looks like.

```
.text, #text, p{  
    color:rgb(187, 236, 205)  
}
```

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(187, 236, 205) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(187, 236, 205) }
```

Border

The CSS property to change the border of an element to YUV 217.8150, -6.3178, -27.0248 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(187, 236, 205) }
```


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

```
.border{ border-color:rgb(187, 236, 205) }
```

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

Here you see how a box with a 4 pixel `rgb(187, 236, 205)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(187, 236, 205); -webkit-box-  
shadow:4px 4px 4px 4px rgb(187, 236, 205);  
box-shadow:4px 4px 4px 4px rgb(187, 236,  
205) }
```

Background

The CSS property to change the background color of an element to YUV 217.8150, -6.3178, -27.0248 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(187, 236, 205) }
```

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

```
.background{ background-color: rgb(187,  
236, 205) }
```

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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