

Converting Colors

YUV(218.7270, -2.8234,
-27.8246)

Have a look what the booklet for
YUV(218.7270, -2.8234, -27.8246)
contains.

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Color

**YUV(218.7270, -2.8234,
-27.8246)**

Conversions

Conversions Part 1

Format	Color
Hex	BBECD5
RGB	187, 236, 213
RGB Percent	73%, 93%, 84%
CMY	0.2667, 0.0745, 0.1647
CMYK	0.21, 0.00, 0.10, 0.07
HSL	152°, 56%, 83%
HSV	152°, 21%, 93%
XYZ	62.4992, 75.3598, 74.2026
YIQ	218.7270, -21.8210, -17.5410

Conversions

Conversions Part 2

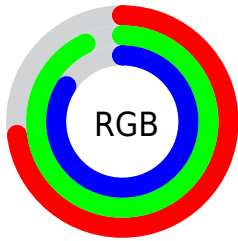
Format	Color
RYB	187, 219, 236
Decimal	12315861
CIELab	89.56, -20.21, 6.00
CIELCh	90, 21.085, 163.465
Yxy	75.3598, 0.2947, 0.3554
Android (android.graphics.Color)	4290505941 (0xFFBBECD5)
YUV	218.7270, -2.8234, -27.8246
Hunter-Lab	86.8100, -23.4058, 10.0877

Details

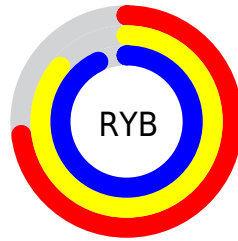
The YUV color **218.7270, -2.8234, -27.8246** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **204.2730, 2.8234, 27.8246**, and the grayscale version is **219.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **251.7110, 1.6215, -6.7625**, and **163.4390, -2.6814, -26.6950** is the 20% darker color. If you saturate the color by 10%, you get **210.2970, -4.0904, -41.4795**, and if you desaturate by 10%, it is **227.1570, -1.5564, -14.1697**.

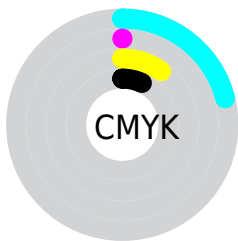
Distribution



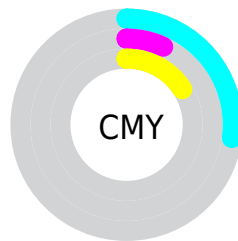
- Red (73%)
- Green (93%)
- Blue (84%)



- Red (73%)
- Yellow (86%)
- Blue (93%)



- Cyan (21%)
- Magenta (0%)
- Yellow (10%)
- Black (7%)



- Cyan (27%)
- Magenta (7%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the YUV color 218.7270, -2.8234, -27.8246 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 218.7270, -2.8234, -27.8246 by changing the saturation by 10% instead.

■ 218.7270, -2.8234,
-27.8246

■ 218.7270, -2.8234,
-27.8246

255.0000, 0.0000,
0.0000

■ 191.0260, -2.9708,
-27.2098

■ 251.7110, 1.6215,
-6.7625

■ 163.4390, -2.6814,
-26.6950

■ 136.8520, -2.3920,
-26.1802

■ 111.2650, -2.1026,
-25.6654

■ 86.6780, -1.8133,
-25.1506

■ 62.7920, -1.3765,
-25.2506

■ 39.0090, -0.4974,

-27.1949

■ 21.4230, -1.6875,
-18.7880

■ 0.0000, 0.0000,
0.0000

■ 218.7270, -2.8234,
-27.8246

■ 218.7270, -2.8234,
-27.8246

■ 210.2970, -4.0904,
-41.4795

■ 227.1570, -1.5564,
-14.1697

■ 202.1660, -5.5048,
-54.5196

■ 235.2880, -0.1420,
-1.1296

■ 193.7360, -6.7718,
-68.1745

■ 242.8210, 1.5672,
10.6810

■ 185.6050, -8.1863,
-81.2146

■ 243.8470, 5.4984,
9.7812

■ 177.1750, -9.4533,
-94.8695

■ 168.7450,
-10.7203, -108.5244

■ 160.5000,
-12.5715, -121.4645

■ 152.7820,
-13.6965, -133.9898

Harmonies

Analogous

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



220.7200, -12.1870, -11.1554



218.7270, -2.8234, -27.8246



217.5220, 8.1237, -39.0458

Triad

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



218.7270, -2.8234, -27.8246



224.5440, 15.0148, -9.2471



224.4350, -13.0325, 26.8055

Complementary

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



218.7270, -2.8234, -27.8246



204.2730, 2.8234, 27.8246

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.



224.8400, -3.8651, 26.4503



218.7270, -2.8234, -27.8246



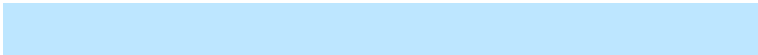
228.0950, 12.7712, 10.4407

Square

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



218.7270, -2.8234, -27.8246



220.5910, 16.9636, -27.7053



227.7070, 4.5814, 23.9360



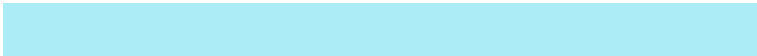
225.5070, -18.9840, 22.3574

Rectangle

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



218.7270, -2.8234, -27.8246



218.1180, 14.2388, -40.4455



227.7070, 4.5814, 23.9360



224.5320, -10.1223, 26.7204

Sweetspot

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



218.7270, -2.8234, -27.8246



249.7170, -0.8465, -8.5218



222.9390, -17.7179, -10.4705



124.7390, -0.8573, -5.0331



0.0000, 0.0000, 0.0000



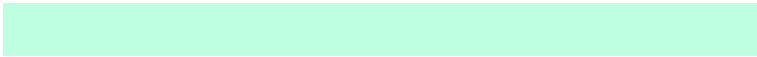
128.0000, 0.0000, 0.0000

Same Dimension

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



218.7270, -2.8234, -27.8246



232.4440, -3.6699, -36.3464



220.7620, 7.5123, -29.6093



113.1410, -0.5625, -6.2627



117.1910, -10.4472, -102.7765



34.8900, -3.3968, -30.5985

Inverse Universe

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



204.2730, 2.8234, 27.8246



213.5560, 3.6699, 36.3464



202.2380, -7.5123, 29.6093



109.8590, 0.5625, 6.2627



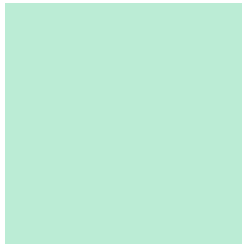
63.8090, 10.4472, 102.7765



18.9960, 2.9600, 30.6985

Previews

White Background



This preview shows how the YUV color 218.7270, -2.8234, -27.8246 looks on a white background.

Color Contrast Check

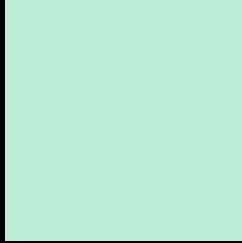
Large Text (above 18pt) WCAG AA × Fail

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 218.7270, -2.8234, -27.8246 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

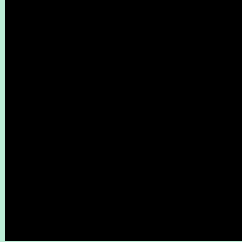
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

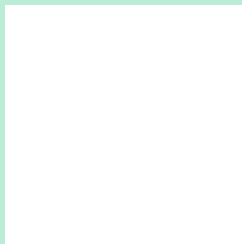
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 218.7270, -2.8234, -27.8246

Background



This preview shows how black text looks on a background with the YUV color 218.7270, -2.8234, -27.8246.



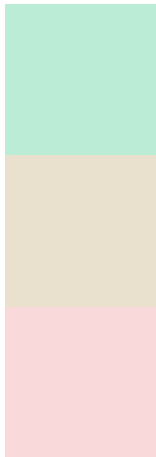
This preview shows how white text looks on a background with the YUV color 218.7270, -2.8234, -27.8246.

-27.8246.

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

218.7270, -2.8234, -27.8246

Protanopia

224.6390, -9.1890, 7.3326

Deuteranopia

226.5680, -4.7170, 19.6729



Tritanopia

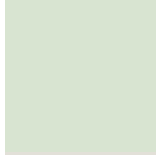
221.9890, 13.3164, -24.5464

Trichromacy



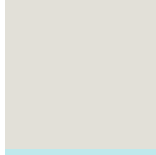
Original Color

218.7270, -2.8234, -27.8246



Protanomaly

222.2460, -6.5303, -5.4777



Deuteranomaly

223.6860, -3.7892, 2.0294



Tritanomaly

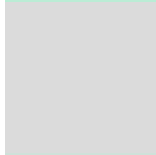
220.7840, 7.5015, -26.1206

Monochromacy



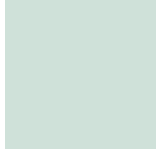
Original Color

218.7270, -2.8234, -27.8246



Achromatopsia

219.0000, 0.0000, 0.0000



Achromatomaly

218.7060, -0.8411, -10.2662

CSS Examples

Text

The CSS property to change the color of the text to YUV 218.7270, -2.8234, -27.8246 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, 213)` looks like.

```
.text, #text, p{  
    color:rgb(187, 236, 213)  
}
```

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, 213) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(187, 236, 213) }
```

Border

The CSS property to change the border of an element to YUV 218.7270, -2.8234, -27.8246 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, 213) }
```


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

```
.border{ border-color:rgb(187, 236, 213) }
```

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, 213) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(187, 236, 213); -webkit-box-  
shadow:4px 4px 4px 4px rgb(187, 236, 213);  
box-shadow:4px 4px 4px 4px rgb(187, 236,  
213) }
```

Background

The CSS property to change the background color of an element to YUV 218.7270, -2.8234, -27.8246 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, 213) }
```

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

```
.background{ background-color: rgb(187,  
236, 213) }
```

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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