

Converting Colors

YUV(215.7980, -3.8444,
-27.0098)

Have a look what the booklet for
YUV(215.7980, -3.8444, -27.0098)
contains.

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Color

**YUV(215.7980, -3.8444,
-27.0098)**

Conversions

Conversions Part 1

Format	Color
Hex	B9E9D0
RGB	185, 233, 208
RGB Percent	73%, 91%, 82%
CMY	0.2745, 0.0863, 0.1843
CMYK	0.21, 0.00, 0.11, 0.09
HSL	149°, 52%, 82%
HSV	149°, 21%, 91%
XYZ	60.5317, 73.1462, 70.6028
YIQ	215.7980, -20.5830, -17.9510

Conversions

Conversions Part 2

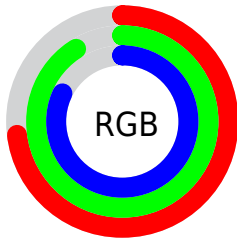
Format	Color
R _{YB}	185, 217, 233
Decimal	12184016
CIE Lab	88.52, -20.32, 7.09
CIE LCh	89, 21.527, 160.759
Yxy	73.1462, 0.2963, 0.3581
Android (android.graphics.Color)	4290374096 (0xFFB9E9D0)
YUV	215.7980, -3.8444, -27.0098
Hunter-Lab	85.5255, -23.3343, 10.9230

Details

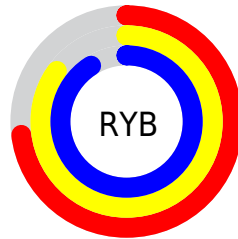
The YUV color **215.7980, -3.8444, -27.0098** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **202.2020, 3.8444, 27.0098**, and the grayscale version is **216.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **251.1130, 1.9163, -7.9921**, and **160.6240, -3.2656, -25.9802** is the 20% darker color. If you saturate the color by 10%, you get **207.5530, -5.6956, -39.9500**, and if you desaturate by 10%, it is **224.0430, -1.9932, -14.0697**.

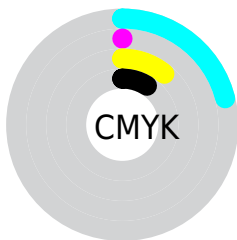
Distribution



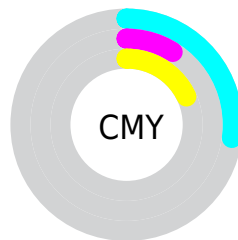
- Red (73%)
- Green (91%)
- Blue (82%)



- Red (73%)
- Yellow (85%)
- Blue (91%)



- Cyan (21%)
- Magenta (0%)
- Yellow (11%)
- Black (9%)



- Cyan (27%)
- Magenta (9%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the YUV color 215.7980, -3.8444, -27.0098 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 215.7980, -3.8444, -27.0098 by changing the saturation by 10% instead.

■ 215.7980, -3.8444,
-27.0098

■ 215.7980, -3.8444,
-27.0098

255.0000, 0.0000,
0.0000

■ 188.0970, -3.9918,
-26.3951

■ 251.1130, 1.9163,
-7.9921

■ 160.6240, -3.2656,
-25.9802

■ 134.0370, -2.9762,
-25.4654

■ 108.4500, -2.6869,
-24.9507

■ 83.8630, -2.3975,
-24.4359

■ 59.9770, -1.9607,
-24.5358

■ 36.1940, -1.0816,

-26.4801

■ 19.6790, -3.2927,
-17.2585

■ 0.0000, 0.0000,
0.0000

■ 215.7980, -3.8444,
-27.0098

■ 215.7980, -3.8444,
-27.0098

■ 207.5530, -5.6956,
-39.9500

■ 224.0430, -1.9932,
-14.0697

■ 199.0090, -7.3994,
-53.5049

■ 232.5870, -0.2894,
-0.5148

■ 190.7640, -9.2507,
-66.4450

■ 240.8320, 1.5618,
12.4253

■ 182.4050,
-11.5387, -79.2852

■ 242.0860, 6.3666,
11.3256

■ 173.8610,
-13.2425, -92.8401

■ 165.6160,
-15.0937, -105.7802

■ 157.3710,
-16.9449, -118.7204

■ 149.5390,
-18.5067, -131.1457

Harmonies

Analogous

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



218.0900, -13.3554, -9.7259



215.7980, -3.8444, -27.0098



214.2940, 7.2501, -38.8458

Triad

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



215.7980, -3.8444, -27.0098



221.2880, 16.6200, -10.7766



222.4460, -13.0379, 28.5499

Complementary

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



215.7980, -3.8444, -27.0098



202.2020, 3.8444, 27.0098

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.



222.8510, -3.8705, 28.1947



215.7980, -3.8444, -27.0098



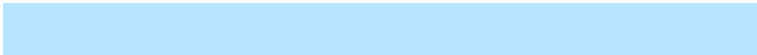
225.3120, 13.6502, 8.4964

Square

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



215.7980, -3.8444, -27.0098



217.9220, 18.2795, -29.7496



225.8320, 5.0128, 25.5803



222.5180, -18.9894, 24.1017

Rectangle

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



215.7980, -3.8444, -27.0098



214.2920, 13.6600, -41.4751



225.8320, 5.0128, 25.5803



221.9560, -9.8383, 28.9796

Sweetspot

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



215.7980, -3.8444, -27.0098



249.6030, -1.2833, -8.4218



220.9500, -17.7233, -8.7261



124.7390, -0.8573, -5.0331



0.0000, 0.0000, 0.0000



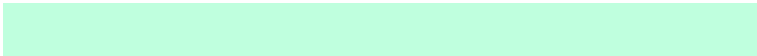
128.0000, 0.0000, 0.0000

Same Dimension

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



215.7980, -3.8444, -27.0098



232.1020, -4.9803, -36.0465



218.4200, 6.2019, -29.3093



113.0270, -0.9993, -6.1627



116.1650, -14.3783, -101.8767



34.6620, -4.2704, -30.3986

Inverse Universe

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



202.2020, 3.8444, 27.0098



213.8980, 4.9803, 36.0465



199.5800, -6.2019, 29.3093



109.9730, 0.9993, 6.1627



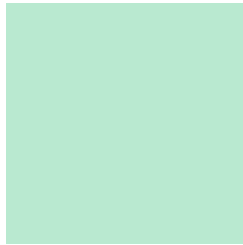
64.8350, 14.3783, 101.8767



19.3380, 4.2704, 30.3986

Previews

White Background



This preview shows how the YUV color 215.7980, -3.8444, -27.0098 looks on a white background.

Color Contrast Check

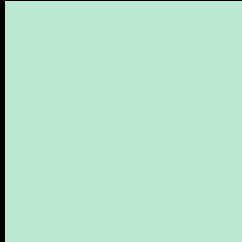
Large Text (above 18pt) WCAG AA × Fail

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 215.7980, -3.8444, -27.0098 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

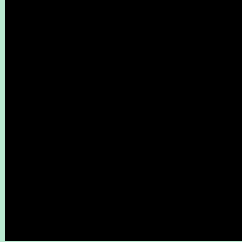
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

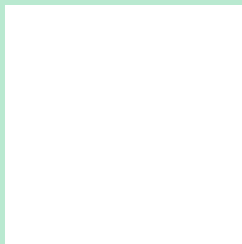
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 215.7980, -3.8444, -27.0098

Background



This preview shows how black text looks on a background with the YUV color 215.7980, -3.8444, -27.0098.



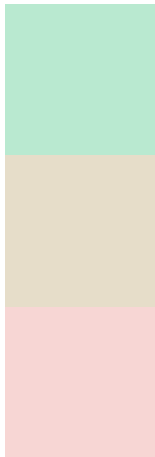
This preview shows how white text looks on a background with the YUV color 215.7980, -3.8444, -27.0098.

-27.0098.

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

215.7980, -3.8444, -27.0098

Protanopia

221.4110, -10.0626, 7.5326

Deuteranopia

223.6390, -5.7380, 20.4876



Tritanopia

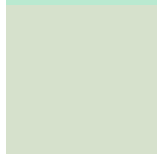
219.2880, 13.1690, -23.9316

Trichromacy



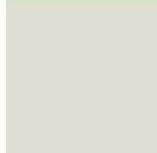
Original Color

215.7980, -3.8444, -27.0098



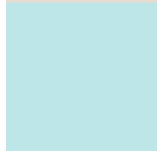
Protanomaly

219.3170, -7.5513, -4.6630



Deuteranomaly

220.7570, -4.8102, 2.8441



Tritanomaly

217.9690, 6.9173, -25.4058

Monochromacy



Original Color

215.7980, -3.8444, -27.0098



Achromatopsia

216.0000, 0.0000, 0.0000



Achromatomaly

215.8910, -1.4253, -9.5514

CSS Examples

Text

The CSS property to change the color of the text to YUV 215.7980, -3.8444, -27.0098 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(185, 233, 208)` looks like.

```
.text, #text, p{  
    color:rgb(185, 233, 208)  
}
```

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(185, 233, 208) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(185, 233, 208) }
```

Border

The CSS property to change the border of an element to YUV 215.7980, -3.8444, -27.0098 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(185, 233, 208) }
```


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

```
.border{ border-color:rgb(185, 233, 208) }
```

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

Here you see how a box with a 4 pixel rgb(185, 233, 208) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(185, 233, 208); -webkit-box-  
shadow:4px 4px 4px 4px rgb(185, 233, 208);  
box-shadow:4px 4px 4px 4px rgb(185, 233,  
208) }
```

Background

The CSS property to change the background color of an element to YUV 215.7980, -3.8444, -27.0098 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(185, 233, 208) }
```

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

```
.background{ background-color: rgb(185,  
233, 208) }
```

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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