

Converting Colors

YUV(216.2070, -27.7101,
-25.6145)

Have a look what the booklet for
YUV(216.2070, -27.7101, -25.6145)
contains.

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Color

**YUV(216.2070, -27.7101,
-25.6145)**

Conversions

Conversions Part 1

Format	Color
Hex	BBF2A0
RGB	187, 242, 160
RGB Percent	73%, 95%, 63%
CMY	0.2667, 0.0510, 0.3725
CMYK	0.23, 0.00, 0.34, 0.05
HSL	100°, 76%, 79%
HSV	100°, 34%, 95%
XYZ	58.5908, 76.6071, 44.9563
YIQ	216.2070, -6.4580, -37.1620

Conversions

Conversions Part 2

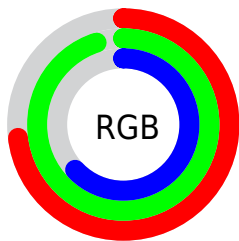
Format	Color
RYB	160, 242, 215
Decimal	12317344
CIELab	90.14, -31.97, 34.07
CIELCh	90, 46.723, 133.174
Yxy	76.6071, 0.3252, 0.4252
Android (android.graphics.Color)	4290507424 (0xFFBBF2A0)
YUV	216.2070, -27.7101, -25.6145
Hunter-Lab	87.5255, -33.6792, 30.8143

Details

The YUV color **216.2070, -27.7101, -25.6145** is a light color, and the websafe version is hex **CCFF99**. A complement of this color would be **185.7930, 27.7101, 25.6145**, and the grayscale version is **216.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **247.1510, -15.8504, -2.7634**, and **160.9620, -26.1103, -25.3997** is the 20% darker color. If you saturate the color by 10%, you get **208.6870, -35.8347, -33.0515**, and if you desaturate by 10%, it is **223.7270, -19.5854, -18.1776**.

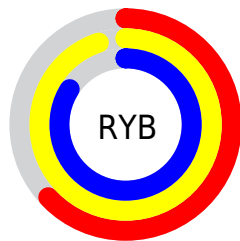
Distribution



Red (73%)

Green (95%)

Blue (63%)



Red (63%)

Yellow (95%)

Blue (84%)

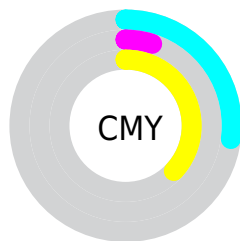


Cyan (23%)

Magenta (0%)

Yellow (34%)

Black (5%)



Cyan (27%)

Magenta (5%)

Yellow (37%)

Brightness & Saturation Gradients

These gradients show how the YUV color 216.2070, -27.7101, -25.6145 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 216.2070, -27.7101, -25.6145 by changing the saturation by 10% instead.

■ 216.2070,
-27.7101, -25.6145

■ 216.2070,
-27.7101, -25.6145

255.0000, 0.0000,
0.0000

■ 187.7340,
-26.9839, -25.1997

■ 247.1510,
-15.8504, -2.7634

■ 160.9620,
-26.1103, -25.3997

■ 253.7460, -4.8048,
1.0998

■ 133.9020,
-25.0947, -24.4701

■ 108.0160,
-24.6579, -24.5700

■ 82.8310, -24.0737,
-25.2848

■ 57.5320, -23.9263,
-25.8996

■ 34.0460, -16.7847,

-29.8583

■ 21.7190, -10.7075,
-19.0476

■ 0.5870, -0.2894,
-0.5148

■ 216.2070,
-27.7101, -25.6145

■ 216.2070,
-27.7101, -25.6145

■ 208.6870,
-35.8347, -33.0515

■ 223.7270,
-19.5854, -18.1776

■ 201.1670,
-43.9593, -40.4885

■ 231.2470,
-11.4608, -10.7406

■ 193.2340,
-52.3734, -48.4402

■ 239.1800, -3.0467,
-2.7889

■ 185.7140,
-60.4980, -55.8772

■ 246.4720, 4.2043,
4.8481

■ 178.1940,
-68.6226, -63.3141

■ 247.3690, 3.7621,
6.6924

■ 170.6740,
-76.7473, -70.7511

■ 165.9740,
-81.8252, -75.3992

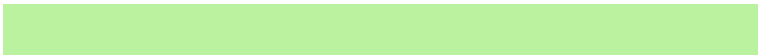
Harmonies

Analogous

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



221.6050, -41.2173, 13.5014



216.2070, -27.7101, -25.6145



208.0180, -4.4459, -67.5448

Triad

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



216.2070, -27.7101, -25.6145



203.7590, 25.2618, -76.0876



212.6610, -2.2979, 37.1313

Complementary

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



216.2070, -27.7101, -25.6145



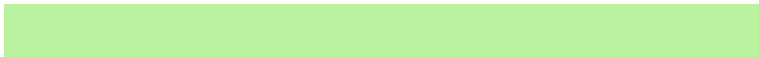
185.7930, 27.7101, 25.6145

Split Complementary

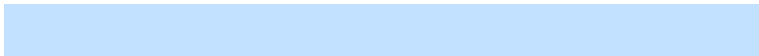
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



219.6660, 16.9267, 30.9879



216.2070, -27.7101, -25.6145



218.5640, 17.9629, -21.5426

Square

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



216.2070, -27.7101, -25.6145



185.1220, 34.4499, -129.9030



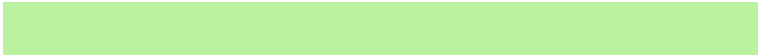
227.4110, 13.6014, 24.1956



213.3840, -22.3743, 36.4972

Rectangle

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



216.2070, -27.7101, -25.6145



199.8690, 14.8546, -98.1091



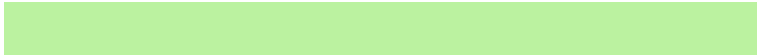
227.4110, 13.6014, 24.1956



214.4850, 4.6909, 35.5317

Sweetspot

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



216.2070, -27.7101, -25.6145



247.0670, -8.4140, -7.9518



216.8030, -28.0039, 22.0978



122.8870, -5.3673, -5.1629



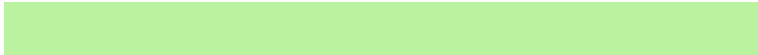
0.0000, 0.0000, 0.0000



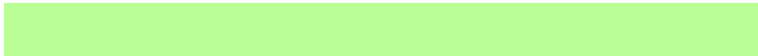
128.0000, 0.0000, 0.0000

Same Dimension

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



216.2070, -27.7101, -25.6145



222.1000, -35.5453, -32.5367



209.7300, -17.6149, -43.6132



116.2400, -4.0623, -3.7185



125.9480, -62.0924, -57.8364



38.2540, -18.8592, -17.7628

Inverse Universe

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



185.7930, 27.7101, 25.6145



183.1990, 35.3979, 33.1515



192.2700, 17.6149, 43.6132



111.7600, 4.0623, 3.7185



57.7530, 62.2398, 57.2216



17.7460, 18.8592, 17.7628

Previews

White Background



This preview shows how the YUV color 216.2070, -27.7101, -25.6145 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 216.2070, -27.7101, -25.6145 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

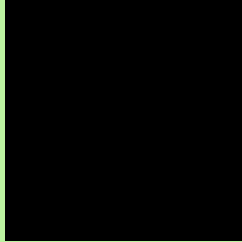
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

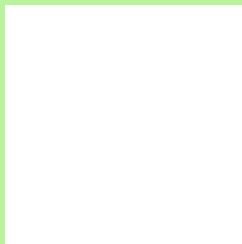
Any Text WCAG AAA ✓ Pass

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

YUV 216.2070, -27.7101, -25.6145 Background



This preview shows how black text looks on a background with the YUV color 216.2070, -27.7101, -25.6145.



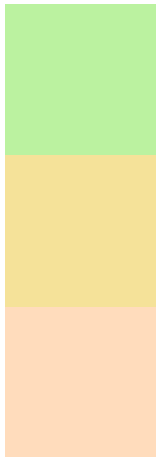
This preview shows how white text looks on a background with the YUV color 216.2070, -27.7101, -25.6145.

-25.6145.

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

216.2070, -27.7101, -25.6145

Protanopia

223.3590, -34.6870, 18.9792

Deuteranopia

226.8170, -19.1368, 24.7165



Tritanopia

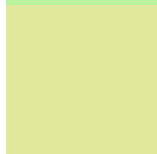
224.0820, 12.2846, -20.2429

Trichromacy



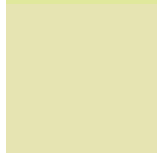
Original Color

216.2070, -27.7101, -25.6145



Protanomaly

220.9440, -32.0174, 2.6801



Deuteranomaly

222.8980, -22.1347, 6.2285



Tritanomaly

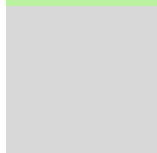
221.2870, -2.1135, -22.1767

Monochromacy



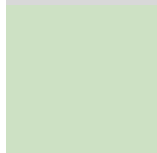
Original Color

216.2070, -27.7101, -25.6145



Achromatopsia

216.0000, 0.0000, 0.0000



Achromatomaly

215.7140, -9.7190, -9.3962

CSS Examples

Text

The CSS property to change the color of the text to YUV 216.2070, -27.7101, -25.6145 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, 242, 160)` looks like.

```
.text, #text, p{  
    color:rgb(187, 242, 160)  
}
```

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, 242, 160) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(187, 242, 160) }
```

Border

The CSS property to change the border of an element to YUV 216.2070, -27.7101, -25.6145 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, 242, 160) }
```


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

```
.border{ border-color:rgb(187, 242, 160) }
```

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

Here you see how a box with a 4 pixel `rgb(187, 242, 160)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(187, 242, 160); -webkit-box-  
shadow:4px 4px 4px 4px rgb(187, 242, 160);  
box-shadow:4px 4px 4px 4px rgb(187, 242,  
160) }
```

Background

The CSS property to change the background color of an element to YUV 216.2070, -27.7101, -25.6145 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(187, 242, 160) }
```

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

```
.background{ background-color: rgb(187,  
242, 160) }
```

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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