

Converting Colors

YUV(216.9270, -56.6590,
-27.1230)

Have a look what the booklet for
YUV(216.9270, -56.6590, -27.1230)
contains.

YUV(216.9270, -56.6590, -27.1230)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YUV(216.9270, -56.6590,
-27.1230)**

Conversions

Conversions Part 1

Format	Color
Hex	BAFF66
RGB	186, 255, 102
RGB Percent	73%, 100%, 40%
CMY	0.2706, 0.0000, 0.6000
CMYK	0.27, 0.00, 0.60, 0.00
HSL	87°, 100%, 70%
HSV	87°, 60%, 100%
XYZ	58.4080, 82.9184, 25.4968
YIQ	216.9270, 7.9890, -62.2110

Conversions

Conversions Part 2

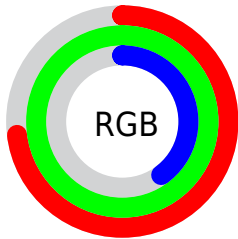
Format	Color
RYB	102, 255, 171
Decimal	12255078
CIELab	92.98, -44.65, 64.62
CIELCh	93, 78.543, 124.640
Yxy	82.9184, 0.3501, 0.4970
Android (android.graphics.Color)	4290445158 (0xFFBAFF66)
YUV	216.9270, -56.6590, -27.1230
Hunter-Lab	91.0595, -44.8596, 47.1404

Details

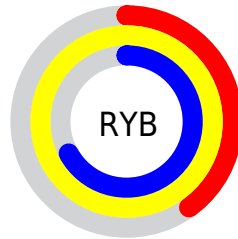
The YUV color **216.9270, -56.6590, -27.1230** is a light color, and the websafe version is hex **CCFF66**. A complement of this color would be **140.0730, 56.6590, 27.1230**, and the grayscale version is **217.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **240.9520, -40.8953, 3.5501**, and **159.8130, -57.0958, -27.0230** is the 20% darker color. If you saturate the color by 10%, you get **210.7880, -65.9575, -31.3861**, and if you desaturate by 10%, it is **223.4790, -47.0711, -22.3451**.

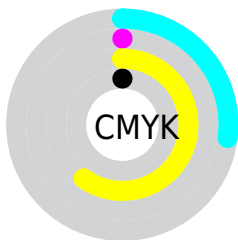
Distribution



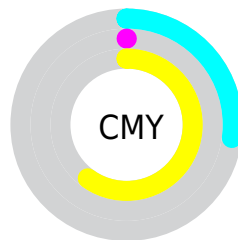
- Red (73%)
- Green (100%)
- Blue (40%)



- Red (40%)
- Yellow (100%)
- Blue (67%)



- Cyan (27%)
- Magenta (0%)
- Yellow (60%)
- Black (0%)



- Cyan (27%)
- Magenta (0%)
- Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the YUV color 216.9270, -56.6590, -27.1230 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 216.9270, -56.6590, -27.1230 by changing the saturation by 10% instead.

■ 216.9270,
-56.6590, -27.1230

■ 216.9270,
-56.6590, -27.1230

■ 255.0000, 0.0000,
0.0000

■ 188.0410,
-56.2222, -27.2230

■ 240.9520,
-40.8953, 3.5501

■ 159.8130,
-57.0958, -27.0230

■ 247.1340,
-30.1391, 6.8985

■ 129.6900,
-63.9372, -26.0381

■ 250.4400,
-17.4719, 3.9991

■ 105.1700,
-51.8488, -29.9671

■ 253.7460, -4.8048,
1.0998

■ 80.6390, -39.7550,
-35.6404

■ 54.0040, -26.6240,
-47.3615

■ 39.9160, -19.6786,

-35.0063

■ 26.4150, -13.0226,
-23.1660

■ 10.5660, -5.2090,
-9.2664

■ 216.9270,
-56.6590, -27.1230

■ 216.9270,
-56.6590, -27.1230

■ 210.7880,
-65.9575, -31.3861

■ 223.4790,
-47.0711, -22.3451

■ 204.2360,
-75.5453, -36.1640

■ 229.6180,
-37.7727, -18.0820

■ 197.9830,
-85.2806, -40.3271

■ 236.1700,
-28.1848, -13.3041

■ 191.5450,
-94.4317, -45.2050

■ 242.3090,
-18.8863, -9.0410

■ 248.8610, -9.2985,
-4.2631

255.0000, 0.0000,
0.0000

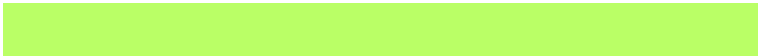
Harmonies

Analogous

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



222.2840, -74.5830, 28.6919



216.9270, -56.6590, -27.1230



185.1680, -8.9568, -114.1573

Triad

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



216.9270, -56.6590, -27.1230



178.7550, 37.5888, -156.7681



198.8640, 13.3780, 49.2313

Complementary

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



216.9270, -56.6590, -27.1230



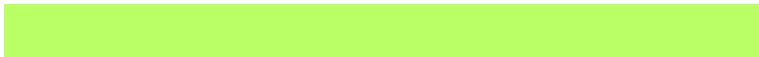
140.0730, 56.6590, 27.1230

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.



210.3880, 21.9937, 39.1247



216.9270, -56.6590, -27.1230



196.5720, 28.8050, -92.5866

Square

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



216.9270, -56.6590, -27.1230



178.7550, 37.5888, -156.7681



227.9870, 13.3174, 21.9364



198.1730, -22.2703, 49.8373

Rectangle

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



216.9270, -56.6590, -27.1230



174.5370, 21.4273, -153.0689



227.9870, 13.3174, 21.9364



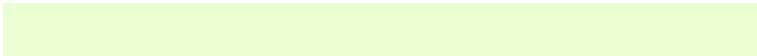
203.0020, 24.1560, 45.6022

Sweetspot

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



216.9270, -56.6590, -27.1230



243.4770, -16.9972, -8.3113



188.2500, -42.5213, 58.5397



120.8070, -10.7509, -5.0927



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.



216.9270, -56.6590, -27.1230



209.2070, -68.1361, -32.6305



194.2030, -45.4561, -73.8460



124.7240, -4.7939, -2.3889



143.5120, -70.7514, -33.7750



48.0330, -23.6803, -11.4299

Inverse Universe

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



140.0730, 56.6590, 27.1230



116.7930, 68.1361, 32.6305



162.7970, 45.4561, 73.8460



118.2760, 4.7939, 2.3889



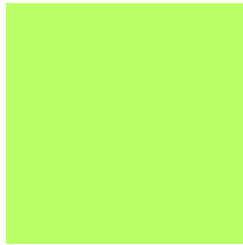
47.4880, 70.7514, 33.7750



15.9670, 23.6803, 11.4299

Previews

White Background



This preview shows how the YUV color 216.9270, -56.6590, -27.1230 looks on a white background.

Color Contrast Check

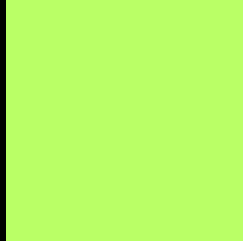
Large Text (above 18pt) WCAG AA × Fail

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 216.9270, -56.6590, -27.1230 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

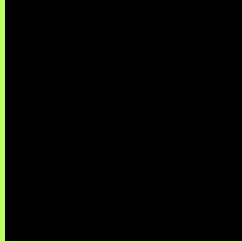
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

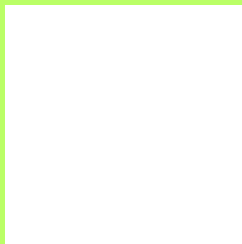
Any Text WCAG AAA ✓ Pass

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

YUV 216.9270, -56.6590, -27.1230 Background



This preview shows how black text looks on a background with the YUV color 216.9270, -56.6590, -27.1230.



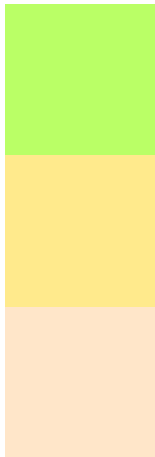
This preview shows how white text looks on a background with the YUV color 216.9270, -56.6590, -27.1230.

-27.1230.

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

216.9270, -56.6590, -27.1230

Protanopia

229.5630, -44.1546, 22.3082

Deuteranopia

234.1690, -16.3523, 18.2688



Tritanopia

231.8650, 11.4056, -18.2986

Trichromacy



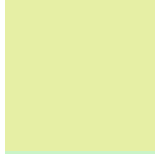
Original Color

216.9270, -56.6590, -27.1230



Protanomaly

225.1880, -48.8997, 4.2201



Deuteranomaly

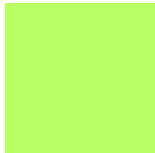
227.8730, -30.9964, 1.8654



Tritanomaly

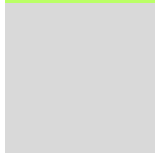
226.3120, -13.4648, -21.3216

Monochromacy



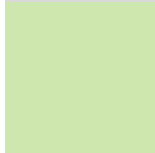
Original Color

216.9270, -56.6590, -27.1230



Achromatopsia

217.0000, 0.0000, 0.0000



Achromatomaly

217.1410, -20.7755, -9.7707

CSS Examples

Text

The CSS property to change the color of the text to YUV 216.9270, -56.6590, -27.1230 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(186, 255, 102)` looks like.

```
.text, #text, p{  
    color:rgb(186, 255, 102)  
}
```

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(186, 255, 102) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(186, 255, 102) }
```

Border

The CSS property to change the border of an element to YUV 216.9270, -56.6590, -27.1230 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(186, 255, 102) }
```


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

```
.border{ border-color:rgb(186, 255, 102) }
```

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

Here you see how a box with a 4 pixel `rgb(186, 255, 102)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(186, 255, 102); -webkit-box-  
shadow:4px 4px 4px 4px rgb(186, 255, 102);  
box-shadow:4px 4px 4px 4px rgb(186, 255,  
102) }
```

Background

The CSS property to change the background color of an element to YUV 216.9270, -56.6590, -27.1230 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(186, 255, 102) }
```

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

```
.background{ background-color: rgb(186,  
255, 102) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor