

Converting Colors

YUV(128.3090, 4.2847,
-67.8000)

Have a look what the booklet for
YUV(128.3090, 4.2847, -67.8000)
contains.

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Color

**YUV(128.3090, 4.2847,
-67.8000)**

Conversions

Conversions Part 1

Format	Color
Hex	33A689
RGB	51, 166, 137
RGB Percent	20%, 65%, 54%
CMY	0.8000, 0.3490, 0.4627
CMYK	0.69, 0.00, 0.17, 0.35
HSL	165°, 53%, 43%
HSV	165°, 69%, 65%
XYZ	19.5168, 29.7824, 28.3868
YIQ	128.3090, -59.2310, -33.3990

Conversions

Conversions Part 2

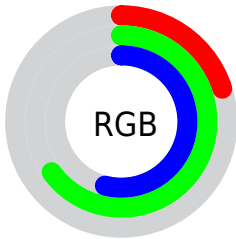
Format	Color
RYB	51, 117, 166
Decimal	3384969
CIELab	61.47, -38.92, 5.80
CIELCh	61, 39.354, 171.531
Yxy	29.7824, 0.2512, 0.3834
Android (android.graphics.Color)	4281575049 (0xFF33A689)
YUV	128.3090, 4.2847, -67.8000
Hunter-Lab	54.5732, -31.6669, 7.3610

Details

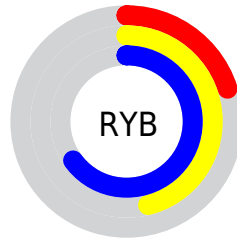
The YUV color $128.3090, 4.2847, -67.8000$ is a dark color, and the websafe version is hex 339966 . A complement of this color would be $88.6910, -4.2847, 67.8000$, and the grayscale version is $128.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $185.4620, 2.2372, -64.4262$, and $76.2490, 5.3002, -66.8704$ is the 20% darker color. If you saturate the color by 10%, you get $122.7700, 5.0434, -77.8513$, and if you desaturate by 10%, it is $133.8480, 3.5259, -57.7487$.

Distribution



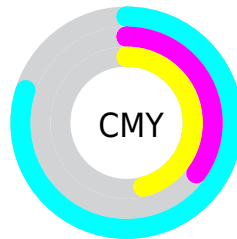
- Red (20%)
- Green (65%)
- Blue (54%)



- Red (20%)
- Yellow (46%)
- Blue (65%)



- Cyan (69%)
- Magenta (0%)
- Yellow (17%)
- Black (35%)



- Cyan (80%)
- Magenta (35%)
- Yellow (46%)

Brightness & Saturation Gradients


These gradients show how the YUV color 128.3090, 4.2847, -67.8000 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 128.3090, 4.2847, -67.8000 by changing the saturation by 10% instead.

 128.3090, 4.2847,
-67.8000

 128.3090, 4.2847,
-67.8000


255.0000, 0.0000,
0.0000

 94.3610, 8.6960,
-82.7546


 185.4620, 2.2372,
-64.4262

 76.2490, 5.3002,
-66.8704


 214.3480, 1.8004,
-64.3262


 58.9520, 2.4887,
-51.7009


 228.6730, 9.0352,
-51.4562

 42.3560, -0.1755,
-37.1462

 238.2560, 8.2548,
-34.4275

 27.1620, -2.5449,
-23.8211

 247.2260, 3.8326,
-15.9842

 5.8700, -2.8939,
-5.1480

 0.0000, 0.0000,

0.0000

■ 128.3090, 4.2847,
-67.8000

■ 128.3090, 4.2847,
-67.8000

■ 122.7700, 5.0434,
-77.8513

■ 133.8480, 3.5259,
-57.7487

■ 117.5300, 5.6547,
-87.2878

■ 139.0880, 2.9146,
-48.3122

■ 111.8770, 5.9766,
-97.2391

■ 144.7410, 2.5927,
-38.3609

■ 111.5780, 6.1240,
-97.8539

■ 149.9810, 1.9814,
-28.9243

■ 155.5200, 1.2226,
-18.8730

■ 161.0590, 0.4639,
-8.8217

■ 166.2990, -0.1474,
0.6148

■ 171.8380, -0.9061,
10.6661

■ 177.1920, -1.0807,
20.0026

Harmonies

Analogous

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



138.3450, -16.9321, -29.2436



128.3090, 4.2847, -67.8000



117.1640, 27.5271, -102.7528

Triad

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



128.3090, 4.2847, -67.8000



149.1860, 31.4603, -10.6871



148.7230, -26.4854, 48.4779

Complementary

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



128.3090, 4.2847, -67.8000



88.6910, -4.2847, 67.8000

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.



150.1490, -12.3985, 56.8743



128.3090, 4.2847, -67.8000



152.6160, 19.4163, 25.7698

Square

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



128.3090, 4.2847, -67.8000



137.2510, 39.3163, -57.2251



151.7580, 4.0633, 50.2012



146.4680, -33.2617, 28.5306

Rectangle

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



128.3090, 4.2847, -67.8000



118.9710, 36.9893, -104.3376



151.7580, 4.0633, 50.2012



148.8960, -22.1337, 52.7112

Sweetspot

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



128.3090, 4.2847, -67.8000



201.8780, 1.5391, -27.0800



127.7740, -37.8496, -40.1438



100.8300, 1.0698, -16.5139



237.0000, 0.0000, 0.0000



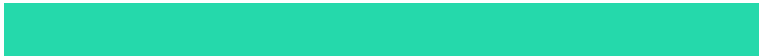
110.0000, 0.0000, 0.0000

Same Dimension

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



128.3090, 4.2847, -67.8000



157.9360, 6.4406, -106.0609



115.7660, 24.7654, -56.7998



81.3800, 0.3057, -4.7183



99.5300, 5.6547, -87.2878



13.4500, 0.7642, -11.7957

Inverse Universe

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



88.6910, -4.2847, 67.8000



95.9500, -6.8773, 106.1609



101.2340, -24.7654, 56.7998



78.6200, -0.3057, 4.7183



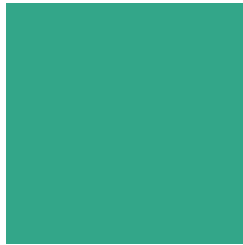
48.4700, -5.6547, 87.2878



6.5500, -0.7641, 11.7957

Previews

White Background



This preview shows how the YUV color 128.3090, 4.2847, -67.8000 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

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 128.3090, 4.2847, -67.8000 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

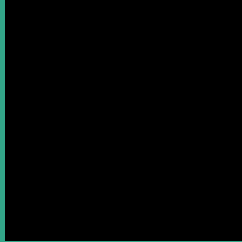
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 128.3090, 4.2847, -67.8000

Background



This preview shows how black text looks on a background with the YUV color 128.3090, 4.2847, -67.8000.



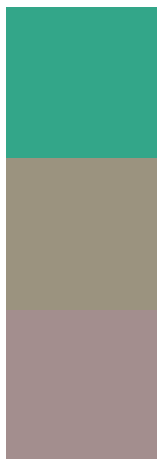
This preview shows how white text looks on a background with the YUV color 128.3090, 4.2847,

-67.8000.

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

128.3090, 4.2847, -67.8000

Protanopia

147.1120, -9.9152, 6.9178

Deuteranopia

148.2790, -3.0955, 12.9103



Tritanopia

134.6750, 19.3872, -58.4740

Trichromacy



Original Color

128.3090, 4.2847, -67.8000

Protanomaly

140.3150, -4.5923, -20.4473

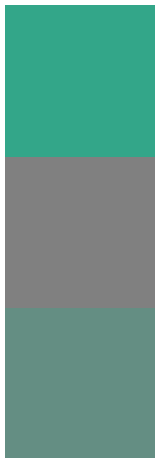
Deuteranomaly

141.0750, -0.5300, -16.7288

Tritanomaly

132.5730, 14.0145, -61.8925

Monochromacy



Original Color

128.3090, 4.2847, -67.8000

Achromatopsia

128.0000, 0.0000, 0.0000

Achromatomaly

128.1880, 1.3863, -24.7209

CSS Examples

Text

The CSS property to change the color of the text to YUV 128.3090, 4.2847, -67.8000 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(51, 166, 137)` looks like.

```
.text, #text, p{  
    color:rgb(51, 166, 137)  
}
```

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(51, 166, 137) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(51, 166, 137) }
```

Border

The CSS property to change the border of an element to YUV 128.3090, 4.2847, -67.8000 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(51, 166, 137) }
```


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

```
.border{ border-color:rgb(51, 166, 137) }
```

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

Here you see how a box with a 4 pixel `rgb(51, 166, 137)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(51, 166, 137); -webkit-box-  
shadow:4px 4px 4px 4px rgb(51, 166, 137);  
box-shadow:4px 4px 4px 4px rgb(51, 166,  
137) }
```

Background

The CSS property to change the background color of an element to YUV 128.3090, 4.2847, -67.8000 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(51, 166, 137) }
```

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

```
.background{ background-color: rgb(51, 166,  
137) }
```

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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