

Converting Colors

YUV(173.3270, -29.7412,
-27.4738)

Have a look what the booklet for
YUV(173.3270, -29.7412, -27.4738)
contains.

YUV(173.3270, -29.7412, -27.4738)	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(173.3270, -29.7412,
-27.4738)**

Conversions

Conversions Part 1

Format	Color
Hex	8EC971
RGB	142, 201, 113
RGB Percent	56%, 79%, 44%
CMY	0.4431, 0.2118, 0.5569
CMYK	0.29, 0.00, 0.44, 0.21
HSL	100°, 45%, 62%
HSV	100°, 44%, 79%
XYZ	35.0226, 48.7163, 23.1801
YIQ	173.3270, -6.9160, -39.8760

Conversions

Conversions Part 2

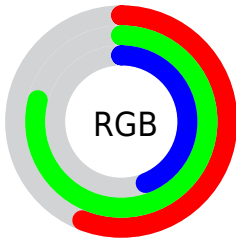
Format	Color
RYB	113, 201, 172
Decimal	9357681
CIELab	75.27, -34.97, 37.95
CIELCh	75, 51.601, 132.657
Yxy	48.7163, 0.3276, 0.4556
Android (android.graphics.Color)	4287547761 (0xFF8EC971)
YUV	173.3270, -29.7412, -27.4738
Hunter-Lab	69.7971, -32.5776, 29.1673

Details

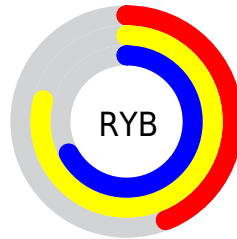
The YUV color **173.3270, -29.7412, -27.4738** is a light color, and the websafe version is hex **99CC66**. A complement of this color would be **140.6730, 29.7412, 27.4738**, and the grayscale version is **174.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **227.8110, -30.4728, -26.1442**, and **120.0820, -28.1414, -27.2589** is the 20% darker color. If you saturate the color by 10%, you get **167.1600, -36.5609, -33.4663**, and if you desaturate by 10%, it is **179.4940, -22.9215, -21.4812**.

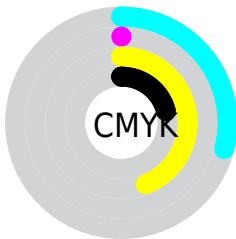
Distribution



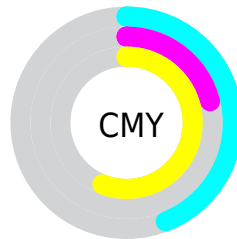
- Red (56%)
- Green (79%)
- Blue (44%)



- Red (44%)
- Yellow (79%)
- Blue (67%)



- Cyan (29%)
- Magenta (0%)
- Yellow (44%)
- Black (21%)



- Cyan (44%)
- Magenta (21%)
- Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the YUV color 173.3270, -29.7412, -27.4738 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 173.3270, -29.7412, -27.4738 by changing the saturation by 10% instead.

■ 173.3270,
-29.7412, -27.4738

■ 173.3270,
-29.7412, -27.4738

255.0000, 0.0000,
0.0000

■ 145.9680,
-28.5782, -27.1589

■ 227.8110,
-30.4728, -26.1442

■ 120.0820,
-28.1414, -27.2589

■ 239.3750,
-22.3699, -11.7299

■ 93.8970, -27.5572,
-27.9737

■ 251.2380,
-14.4143, 3.2993

■ 67.5980, -27.4098,
-28.5884

■ 254.5440, -1.7472,
0.3999

■ 42.2750, -20.8416,
-35.3212

■ 28.1760, -13.8908,
-24.7104

■ 15.8490, -7.8136,

-13.8996

■ 0.0000, 0.0000,
0.0000

■ 173.3270,
-29.7412, -27.4738

■ 173.3270,
-29.7412, -27.4738

■ 167.1600,
-36.5609, -33.4663

■ 179.4940,
-22.9215, -21.4812

■ 160.6940,
-43.2331, -40.0736

■ 185.9600,
-16.2493, -14.8739

■ 154.5270,
-50.0528, -46.0662

■ 192.1270, -9.4296,
-8.8814

■ 148.0610,
-56.7251, -52.6735

■ 198.5930, -2.7573,
-2.2741

■ 141.7800,
-63.9815, -58.5661

■ 204.8740, 4.4991,
3.6185

■ 137.7210,
-67.8965, -62.8993

■ 211.3400, 11.1714,
10.2258

■ 217.5070, 17.9910,
16.2184

■ 221.8070, 16.3641,
24.7253

■ 223.3020, 15.6271,
27.7991

Harmonies

Analogous

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



179.3940, -44.5642, 13.6865



173.3270, -29.7412, -27.4738



160.6960, -2.8081, -79.5404

Triad

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



173.3270, -29.7412, -27.4738



145.2960, 54.0841, -127.4246



180.9850, -6.8946, 64.9112

Complementary

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



173.3270, -29.7412, -27.4738



140.6730, 29.7412, 27.4738

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.



188.8050, 12.9141, 58.0530



173.3270, -29.7412, -27.4738



179.2480, 37.3457, -31.7895

Square

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



173.3270, -29.7412, -27.4738



149.8950, 48.8588, -131.4579



190.2100, 31.9415, 21.7408



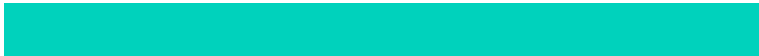
181.8390, -29.0076, 64.1622

Rectangle

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



173.3270, -29.7412, -27.4738



144.7020, 21.3459, -126.9037



190.2100, 31.9415, 21.7408



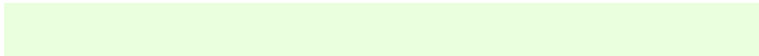
182.8090, 0.0942, 63.3115

Sweetspot

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



173.3270, -29.7412, -27.4738



244.6600, -11.1714, -10.2258



173.9450, -30.0459, 23.7272



121.4200, -7.1091, -6.5073



0.0000, 0.0000, 0.0000



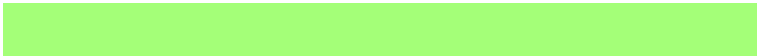
128.0000, 0.0000, 0.0000

Same Dimension

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



173.3270, -29.7412, -27.4738



212.4010, -45.5537, -42.4477



166.3660, -18.9144, -46.8020



96.1800, -3.0467, -2.7889



111.8270, -55.1307, -50.7143



24.7200, -12.1870, -11.1554

Inverse Universe

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



140.6730, 29.7412, 27.4738



162.3000, 45.7011, 41.8329



147.6340, 18.9144, 46.8020



92.8200, 3.0467, 2.7889



51.1730, 55.1307, 50.7143



11.2800, 12.1870, 11.1554

Previews

White Background



This preview shows how the YUV color 173.3270, -29.7412, -27.4738 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 173.3270, -29.7412, -27.4738 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

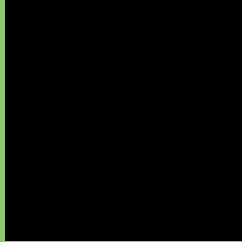
Any Text WCAG AA ✓ Pass

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 173.3270, -29.7412, -27.4738 Background



This preview shows how black text looks on a background with the YUV color 173.3270, -29.7412, -27.4738.



This preview shows how white text looks on a background with the YUV color 173.3270, -29.7412, -27.4738.

-27.4738.

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

173.3270, -29.7412, -27.4738

Protanopia

181.1910, -36.5762, 18.2495

Deuteranopia

183.2560, -31.6782, 33.9785



Tritanopia

181.9570, 11.8532, -21.8873

Trichromacy



Original Color

173.3270, -29.7412, -27.4738

Protanomaly

178.3630, -34.1960, 1.4356

Deuteranomaly

179.6400, -30.8815, 11.7167

Tritanomaly

178.9340, -3.4185, -23.6211

Monochromacy



Original Color

173.3270, -29.7412, -27.4738

Achromatopsia

173.0000, 0.0000, 0.0000

Achromatomaly

173.0730, -10.8820, -9.7110

CSS Examples

Text

The CSS property to change the color of the text to YUV 173.3270, -29.7412, -27.4738 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(142, 201, 113)` looks like.

```
.text, #text, p{  
    color:rgb(142, 201, 113)  
}
```

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(142, 201, 113) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(142, 201, 113) }
```

Border

The CSS property to change the border of an element to YUV 173.3270, -29.7412, -27.4738 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(142, 201, 113) }
```


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

```
.border{ border-color:rgb(142, 201, 113) }
```

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

Here you see how a box with a 4 pixel `rgb(142, 201, 113)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(142, 201, 113); -webkit-box-  
shadow:4px 4px 4px 4px rgb(142, 201, 113);  
box-shadow:4px 4px 4px 4px rgb(142, 201,  
113) }
```

Background

The CSS property to change the background color of an element to YUV 173.3270, -29.7412, -27.4738 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(142, 201, 113) }
```

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

```
.background{ background-color: rgb(142,  
201, 113) }
```

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