

Converting Colors

YUV(147.3330, -29.2512,
-91.5000)

Have a look what the booklet for
YUV(147.3330, -29.2512, -91.5000)
contains.

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Color

**YUV(147.3330, -29.2512,
-91.5000)**

Conversions

Conversions Part 1

Format	Color
Hex	2BD458
RGB	43, 212, 88
RGB Percent	17%, 83%, 35%
CMY	0.8314, 0.1686, 0.6549
CMYK	0.80, 0.00, 0.58, 0.17
HSL	136°, 66%, 50%
HSV	136°, 80%, 83%
XYZ	26.3012, 48.3051, 17.1701
YIQ	147.3330, -60.9200, -74.3920

Conversions

Conversions Part 2

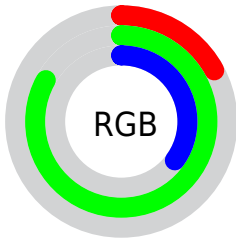
Format	Color
RYB	43, 176, 212
Decimal	2872408
CIELab	75.02, -66.49, 48.87
CIELCh	75, 82.521, 143.683
Yxy	48.3051, 0.2866, 0.5263
Android (android.graphics.Color)	4281062488 (0xFF2BD458)
YUV	147.3330, -29.2512, -91.5000
Hunter-Lab	69.5019, -54.0796, 34.0040

Details

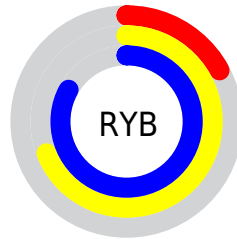
The YUV color **147.3330, -29.2512, -91.5000** is a dark color, and the websafe version is hex **00CC66**. The color can be described as dark washed green. A complement of this color would be **107.6670, 29.2512, 91.5000**, and the grayscale version is **148.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **201.0410, -29.6002, -72.8270**, and **95.4480, -30.2939, -83.7079** is the 20% darker color. If you saturate the color by 10%, you get **139.2300, -33.1444, -102.8107**, and if you desaturate by 10%, it is **155.4360, -25.3579, -80.1894**.

Distribution



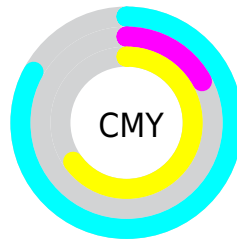
- Red (17%)
- Green (83%)
- Blue (35%)



- Red (17%)
- Yellow (69%)
- Blue (83%)



- Cyan (80%)
- Magenta (0%)
- Yellow (58%)
- Black (17%)



- Cyan (83%)
- Magenta (17%)
- Yellow (65%)

Brightness & Saturation Gradients

These gradients show how the YUV color 147.3330, -29.2512, -91.5000 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 147.3330, -29.2512, -91.5000 by changing the saturation by 10% instead.

■ 147.3330,
-29.2512, -91.5000

■ 147.3330,
-29.2512, -91.5000

■ 255.0000, 0.0000,
0.0000

■ 115.0760,
-26.1665, -100.9217

■ 201.0410,
-29.6002, -72.8270

■ 95.4480, -30.2939,
-83.7079

■ 213.5020,
-21.9395, -56.5683

■ 75.7230, -37.3314,
-66.4091

■ 225.9630,
-14.2788, -40.3096

■ 59.8740, -29.5179,
-52.5095

■ 238.4240, -6.6180,
-24.0508

■ 44.6120, -21.9937,
-39.1247

■ 250.9990, 1.4795,
-7.8921

■ 31.1110, -15.3377,
-27.2843

■ 15.2620, -7.5242,

-13.3848

■ 0.0000, 0.0000,
0.0000

■ 147.3330,
-29.2512, -91.5000

■ 147.3330,
-29.2512, -91.5000

■ 139.2300,
-33.1444, -102.8107

■ 155.4360,
-25.3579, -80.1894

■ 131.2410,
-36.6008, -114.2214

■ 163.4250,
-21.9015, -68.7787

■ 130.8280,
-36.8902, -114.7362

■ 171.8270,
-18.1557, -56.8533

■ 179.8160,
-14.6993, -45.4426

■ 187.9190,
-10.8061, -34.1320

■ 195.9080, -7.3496,
-22.7213

■ 204.0110, -3.4564,
-11.4106

■ 212.2990, -0.1474,
0.6148

■ 220.4020, 3.7458,
11.9254

Harmonies

Analogous

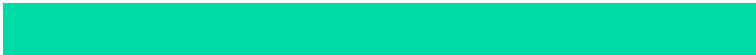
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



164.6640, -81.1794, -2.3363



147.3330, -29.2512, -91.5000



146.8900, 9.4212, -128.8225

Triad

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



147.3330, -29.2512, -91.5000



145.8830, 53.7947, -127.9394



156.5810, -14.0904, 86.3135

Complementary

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



147.3330, -29.2512, -91.5000



107.6670, 29.2512, 91.5000

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.



162.3100, 20.5532, 81.2891



147.3330, -29.2512, -91.5000



173.9980, 39.9340, -21.9232

Square

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



147.3330, -29.2512, -91.5000



154.6880, 49.4538, -135.6614



184.5600, 34.7269, 61.7759



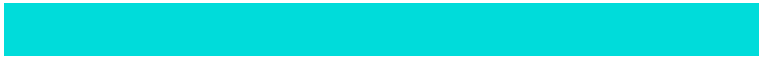
167.4990, -53.4900, 76.7384

Rectangle

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



147.3330, -29.2512, -91.5000



153.9920, 31.5559, -135.0510



184.5600, 34.7269, 61.7759



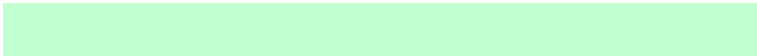
155.9090, -1.4341, 86.9028

Sweetspot

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



147.3330, -29.2512, -91.5000



231.6310, -10.6641, -33.0024



180.1760, -67.6278, -8.9244



113.7450, -6.7763, -19.9474



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.



147.3330, -29.2512, -91.5000



161.2250, -42.5089, -132.6243



156.6810, 6.5663, -99.6982



102.7990, -1.8729, -5.9627



105.5070, -29.8300, -92.5296



26.6090, -7.2022, -23.3361

Inverse Universe

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



107.6670, 29.2512, 91.5000



103.7750, 42.5089, 132.6243



98.3190, -6.5663, 99.6982



100.2010, 1.8729, 5.9627



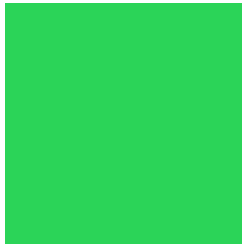
65.3790, 29.3932, 92.6296



16.5050, 7.6390, 23.2361

Previews

White Background



This preview shows how the YUV color 147.3330, -29.2512, -91.5000 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 147.3330, -29.2512, -91.5000 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 147.3330, -29.2512, -91.5000 Background



This preview shows how black text looks on a background with the YUV color 147.3330, -29.2512, -91.5000.



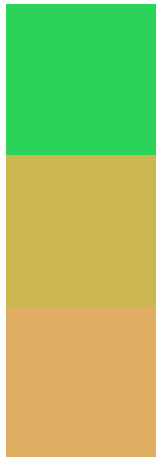
This preview shows how white text looks on a background with the YUV color 147.3330, -29.2512, -91.5000.

-91.5000.

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

147.3330, -29.2512, -91.5000

Protanopia

177.1240, -48.3751, 22.6933

Deuteranopia

180.4000, -40.1302, 38.2372



Tritanopia

168.8310, 22.7613, -67.3808

Trichromacy



Original Color

147.3330, -29.2512, -91.5000



Protanomaly

166.5810, -41.6984, -18.9265



Deuteranomaly

168.4280, -36.2000, -9.1454



Tritanomaly

161.1400, 3.8750, -76.4218

Monochromacy



Original Color

147.3330, -29.2512, -91.5000



Achromatopsia

147.0000, 0.0000, 0.0000



Achromatomaly

147.3320, -10.5167, -33.6172

CSS Examples

Text

The CSS property to change the color of the text to YUV 147.3330, -29.2512, -91.5000 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(43, 212, 88)` looks like.

```
.text, #text, p{  
    color:rgb(43, 212, 88)  
}
```

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(43, 212, 88) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(43, 212, 88) }
```

Border

The CSS property to change the border of an element to YUV 147.3330, -29.2512, -91.5000 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(43, 212, 88) }
```


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

```
.border{ border-color:rgb(43, 212, 88) }
```

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

Here you see how a box with a 4 pixel `rgb(43, 212, 88)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(43, 212, 88); -webkit-box-  
shadow:4px 4px 4px 4px rgb(43, 212, 88);  
box-shadow:4px 4px 4px 4px rgb(43, 212,  
88) }
```

Background

The CSS property to change the background color of an element to YUV 147.3330, -29.2512, -91.5000 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(43, 212, 88) }
```

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

```
.background{ background-color: rgb(43, 212,  
88) }
```

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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