

Converting Colors

YUV(147.7350, -28.9564,
-92.7296)

Have a look what the booklet for
YUV(147.7350, -28.9564, -92.7296)
contains.

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Color

**YUV(147.7350, -28.9564,
-92.7296)**

Conversions

Conversions Part 1

Format	Color
Hex	2AD559
RGB	42, 213, 89
RGB Percent	16%, 84%, 35%
CMY	0.8353, 0.1647, 0.6510
CMYK	0.80, 0.00, 0.58, 0.16
HSL	136°, 67%, 50%
HSV	136°, 80%, 84%
XYZ	26.5523, 48.8020, 17.4715
YIQ	147.7350, -62.1120, -74.8160

Conversions

Conversions Part 2

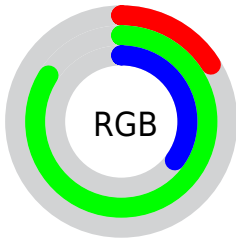
Format	Color
RYB	42, 176, 213
Decimal	2807129
CIELab	75.33, -66.80, 48.78
CIELCh	75, 82.714, 143.860
Yxy	48.8020, 0.2860, 0.5257
Android (android.graphics.Color)	4280997209 (0xFF2AD559)
YUV	147.7350, -28.9564, -92.7296
Hunter-Lab	69.8584, -54.4068, 34.0726

Details

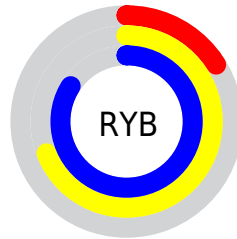
The YUV color **147.7350, -28.9564, -92.7296** is a dark color, and the websafe version is hex **00CC66**. The color can be described as dark washed green. A complement of this color would be **107.2650, 28.9564, 92.7296**, and the grayscale version is **148.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **200.8560, -29.0160, -73.5417**, and **96.2630, -29.7097, -84.4227** is the 20% darker color. If you saturate the color by 10%, you get **139.7460, -32.4128, -104.1402**, and if you desaturate by 10%, it is **155.7240, -25.4999, -81.3189**.

Distribution



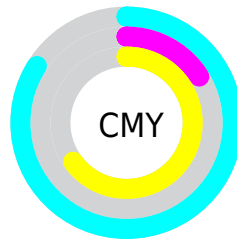
- Red (16%)
- Green (84%)
- Blue (35%)



- Red (16%)
- Yellow (69%)
- Blue (84%)



- Cyan (80%)
- Magenta (0%)
- Yellow (58%)
- Black (16%)



- Cyan (84%)
- Magenta (16%)
- Yellow (65%)

Brightness & Saturation Gradients

These gradients show how the YUV color 147.7350, -28.9564, -92.7296 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 147.7350, -28.9564, -92.7296 by changing the saturation by 10% instead.

■ 147.7350,
-28.9564, -92.7296

■ 147.7350,
-28.9564, -92.7296

■ 255.0000, 0.0000,
0.0000

■ 115.7770,
-26.0191, -101.5364

■ 200.8560,
-29.0160, -73.5417

■ 96.2630, -29.7097,
-84.4227

■ 213.6160,
-21.5027, -56.6682

■ 76.3100, -37.6208,
-66.9239

■ 226.0770,
-13.8420, -40.4095

■ 60.4610, -29.8073,
-53.0243

■ 238.5380, -6.1812,
-24.1508

■ 45.1990, -22.2831,
-39.6395

■ 251.1130, 1.9163,
-7.9921

■ 31.6980, -15.6271,
-27.7991

■ 15.8490, -7.8136,

-13.8996

■ 0.0000, 0.0000,
0.0000

■ 147.7350,
-28.9564, -92.7296

■ 147.7350,
-28.9564, -92.7296

■ 139.7460,
-32.4128, -104.1402

■ 155.7240,
-25.4999, -81.3189

■ 131.7570,
-35.8692, -115.5509

■ 164.1260,
-21.7541, -69.3935

■ 172.1150,
-18.2977, -57.9829

■ 180.2180,
-14.4045, -46.6722

■ 188.5060,
-11.0955, -34.6468

■ 196.6090, -7.2022,
-23.3361

■ 204.5980, -3.7458,
-11.9254

■ 212.7010, 0.1474,
-0.6148

■ 220.9890, 3.4564,
11.4106

Harmonies

Analogous

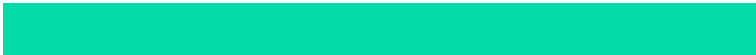
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



165.5500, -81.6161, -2.2363



147.7350, -28.9564, -92.7296



147.5910, 9.5686, -129.4373

Triad

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



147.7350, -28.9564, -92.7296



145.8830, 53.7947, -127.9394



157.2820, -13.9430, 85.6987

Complementary

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



147.7350, -28.9564, -92.7296



107.2650, 28.9564, 92.7296

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.



162.4240, 20.9900, 81.1892



147.7350, -28.9564, -92.7296



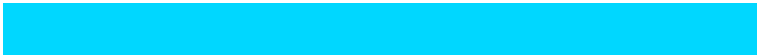
175.1830, 39.3498, -21.2085

Square

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



147.7350, -28.9564, -92.7296



155.2750, 49.1644, -136.1762



185.1470, 34.4375, 61.2611



168.0860, -53.7794, 76.2236

Rectangle

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



147.7350, -28.9564, -92.7296



154.8070, 32.1401, -135.7657



185.1470, 34.4375, 61.2611



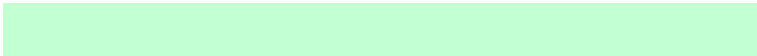
156.4960, -1.7235, 86.3880

Sweetspot

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



147.7350, -28.9564, -92.7296



231.7450, -10.2273, -33.1024



179.7520, -67.9117, -11.1835



113.8590, -6.3395, -20.0473



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.



147.7350, -28.9564, -92.7296



161.4530, -41.6353, -132.8243



157.3110, 7.7347, -101.1277



102.7990, -1.8729, -5.9627



105.7350, -28.9564, -92.7296



26.6090, -7.2022, -23.3361

Inverse Universe

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



107.2650, 28.9564, 92.7296



103.5470, 41.6353, 132.8243



97.6890, -7.7347, 101.1277



100.2010, 1.8729, 5.9627



65.2650, 28.9564, 92.7296



16.3910, 7.2022, 23.3361

Previews

White Background



This preview shows how the YUV color 147.7350, -28.9564, -92.7296 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 147.7350, -28.9564, -92.7296 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 147.7350, -28.9564, -92.7296 Background



This preview shows how black text looks on a background with the YUV color 147.7350, -28.9564, -92.7296.



This preview shows how white text looks on a background with the YUV color 147.7350, -28.9564, -92.7296.

-92.7296.

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

147.7350, -28.9564, -92.7296

Protanopia

178.1240, -48.3751, 22.6933

Deuteranopia

181.4000, -40.1302, 38.2372



Tritanopia

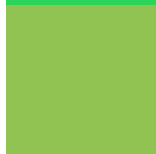
169.5320, 22.9087, -67.9956

Trichromacy



Original Color

147.7350, -28.9564, -92.7296



Protanomaly

167.2820, -41.5510, -19.5413



Deuteranomaly

169.1290, -36.0526, -9.7601



Tritanomaly

161.8410, 4.0224, -77.0366

Monochromacy



Original Color

147.7350, -28.9564, -92.7296



Achromatopsia

148.0000, 0.0000, 0.0000



Achromatomaly

148.0330, -10.3693, -34.2319

CSS Examples

Text

The CSS property to change the color of the text to YUV 147.7350, -28.9564, -92.7296 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(42, 213, 89)` looks like.

```
.text, #text, p{  
    color:rgb(42, 213, 89)  
}
```

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(42, 213, 89) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(42, 213, 89) }
```

Border

The CSS property to change the border of an element to YUV 147.7350, -28.9564, -92.7296 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(42, 213, 89) }
```


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

```
.border{ border-color:rgb(42, 213, 89) }
```

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

Here you see how a box with a 4 pixel `rgb(42, 213, 89)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(42, 213, 89); -webkit-box-  
shadow:4px 4px 4px 4px rgb(42, 213, 89);  
box-shadow:4px 4px 4px 4px rgb(42, 213,  
89) }
```

Background

The CSS property to change the background color of an element to YUV 147.7350, -28.9564, -92.7296 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(42, 213, 89) }
```

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

```
.background{ background-color: rgb(42, 213,  
89) }
```

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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