

Converting Colors

YUV(148.1310, -26.1936,
-92.1999)

Have a look what the booklet for
YUV(148.1310, -26.1936, -92.1999)
contains.

YUV(148.1310, -26.1936, -92.1999)	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(148.1310, -26.1936,
-92.1999)**

Conversions

Conversions Part 1

Format	Color
Hex	2BD45F
RGB	43, 212, 95
RGB Percent	17%, 83%, 37%
CMY	0.8314, 0.1686, 0.6275
CMYK	0.80, 0.00, 0.55, 0.17
HSL	138°, 66%, 50%
HSV	138°, 80%, 83%
XYZ	26.6053, 48.4268, 18.7715
YIQ	148.1310, -63.1670, -72.2150

Conversions

Conversions Part 2

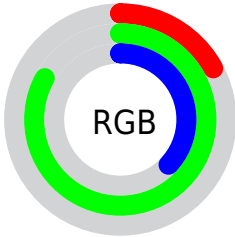
Format	Color
RYB	43, 172, 212
Decimal	2872415
CIELab	75.09, -65.57, 45.75
CIELCh	75, 79.950, 145.098
Yxy	48.4268, 0.2836, 0.5163
Android (android.graphics.Color)	4281062495 (0xFF2BD45F)
YUV	148.1310, -26.1936, -92.1999
Hunter-Lab	69.5894, -53.5375, 32.7192

Details

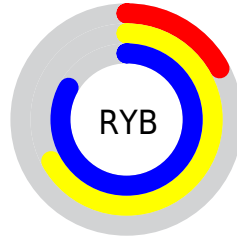
The YUV color **148.1310, -26.1936, -92.1999** is a dark color, and the websafe version is hex **00CC66**. The color can be described as dark washed green. A complement of this color would be **106.8690, 26.1936, 92.1999**, and the grayscale version is **148.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **201.5400, -26.3952, -74.1416**, and **96.4740, -26.3627, -84.6077** is the 20% darker color. If you saturate the color by 10%, you get **140.1420, -29.6500, -103.6105**, and if you desaturate by 10%, it is **156.1200, -22.7372, -80.7892**.

Distribution



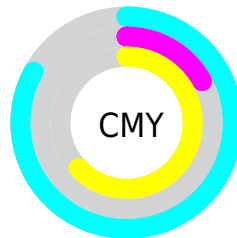
- Red (17%)
- Green (83%)
- Blue (37%)



- Red (17%)
- Yellow (67%)
- Blue (83%)



- Cyan (80%)
- Magenta (0%)
- Yellow (55%)
- Black (17%)



- Cyan (83%)
- Magenta (17%)
- Yellow (63%)

Brightness & Saturation Gradients

These gradients show how the YUV color 148.1310, -26.1936, -92.1999 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 148.1310, -26.1936, -92.1999 by changing the saturation by 10% instead.

■ 148.1310,
-26.1936, -92.1999

■ 148.1310,
-26.1936, -92.1999

■ 255.0000, 0.0000,
0.0000

■ 115.8740,
-23.1089, -101.6215

■ 201.5400,
-26.3952, -74.1416

■ 96.4740, -26.3627,
-84.6077

■ 214.3000,
-18.8819, -57.2681

■ 77.2050, -31.6531,
-67.7088

■ 226.7610,
-11.2212, -41.0094

■ 59.8740, -29.5179,
-52.5095

■ 238.9230, -3.4130,
-25.3655

■ 44.6120, -21.9937,
-39.1247

■ 250.8140, 2.0637,
-8.6069

■ 31.1110, -15.3377,
-27.2843

■ 15.2620, -7.5242,

-13.3848

■ 0.0000, 0.0000,
0.0000

■ 148.1310,
-26.1936, -92.1999

■ 148.1310,
-26.1936, -92.1999

■ 140.1420,
-29.6500, -103.6105

■ 156.1200,
-22.7372, -80.7892

■ 132.2670,
-32.6696, -115.1212

■ 163.9950,
-19.7175, -69.2786


■ 131.8540,
-32.9590, -115.6360

■ 172.2830,
-16.4085, -57.2532

■ 180.2720,
-12.9521, -45.8425

■ 188.1470, -9.9325,
-34.3319

 196.1360, -6.4760,
-22.9213

 204.1250, -3.0196,
-11.5106

 212.2990, -0.1474,
0.6148

 220.2880, 3.3090,
12.0254

Harmonies

Analogous

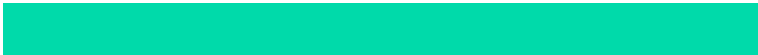
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



167.1610, -71.5644, -6.2802



148.1310, -26.1936, -92.1999



147.3460, 11.1684, -129.2224

Triad

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



148.1310, -26.1936, -92.1999



144.7090, 54.3735, -126.9098



159.4020, -15.9742, 83.8394

Complementary

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



148.1310, -26.1936, -92.1999



106.8690, 26.1936, 92.1999

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.



163.6150, 17.9378, 80.1446



148.1310, -26.1936, -92.1999



176.9880, 38.4599, -15.7755

Square

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



148.1310, -26.1936, -92.1999



154.1010, 49.7432, -135.1466



185.1470, 34.4375, 61.2611



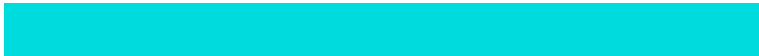
169.4880, -53.4846, 74.9940

Rectangle

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



148.1310, -26.1936, -92.1999



153.7470, 33.1557, -134.8361



185.1470, 34.4375, 61.2611



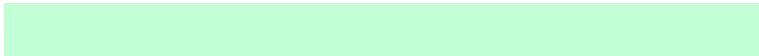
158.6160, -3.7547, 84.5288

Sweetspot

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



148.1310, -26.1936, -92.1999



231.9730, -9.3537, -33.3023



177.4850, -66.3011, -14.4573



113.9730, -5.9027, -20.1473



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.



148.1310, -26.1936, -92.1999



162.4790, -37.7041, -133.7241



157.5930, 10.0607, -100.4981



102.9130, -1.4361, -6.0627



106.4190, -26.3356, -93.3295



26.7230, -6.7654, -23.4361

Inverse Universe

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



106.8690, 26.1936, 92.1999



102.6350, 38.1409, 133.6241



97.4070, -10.0607, 100.4981



100.2010, 1.8729, 5.9627



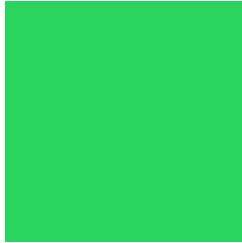
64.5810, 26.3356, 93.3295



16.2770, 6.7654, 23.4361

Previews

White Background



This preview shows how the YUV color 148.1310, -26.1936, -92.1999 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 148.1310, -26.1936, -92.1999 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 148.1310, -26.1936, -92.1999 Background



This preview shows how black text looks on a background with the YUV color 148.1310, -26.1936, -92.1999.

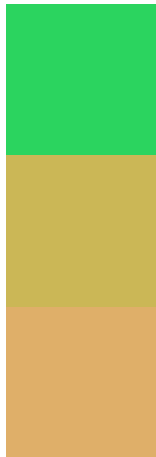


This preview shows how white text looks on a background with the YUV color 148.1310, -26.1936, -92.1999.

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

148.1310, -26.1936, -92.1999

Protanopia

177.9220, -45.3175, 21.9934

Deuteranopia

181.3720, -37.6514, 36.5078



Tritanopia

168.5320, 22.9087, -67.9956

Trichromacy



Original Color

148.1310, -26.1936, -92.1999



Protanomaly

167.3790, -38.6408, -19.6264



Deuteranomaly

169.1120, -33.5792, -9.7452



Tritanomaly

161.3680, 4.7486, -76.6217

Monochromacy



Original Color

148.1310, -26.1936, -92.1999



Achromatopsia

148.0000, 0.0000, 0.0000



Achromatomaly

147.9730, -9.3537, -33.3023

CSS Examples

Text

The CSS property to change the color of the text to YUV 148.1310, -26.1936, -92.1999 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, 95)` looks like.

```
.text, #text, p{  
    color:rgb(43, 212, 95)  
}
```

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, 95) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(43, 212, 95) }
```

Border

The CSS property to change the border of an element to YUV 148.1310, -26.1936, -92.1999 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, 95) }
```


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

```
.border{ border-color:rgb(43, 212, 95) }
```

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, 95) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(43, 212, 95); -webkit-box-  
shadow:4px 4px 4px 4px rgb(43, 212, 95);  
box-shadow:4px 4px 4px 4px rgb(43, 212,  
95) }
```

Background

The CSS property to change the background color of an element to YUV 148.1310, -26.1936, -92.1999 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, 95) }
```

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

```
.background{ background-color: rgb(43, 212,  
95) }
```

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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