

Converting Colors

YUV(148.9890, -24.1516,
-93.8294)

Have a look what the booklet for
YUV(148.9890, -24.1516, -93.8294)
contains.

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Color

**YUV(148.9890, -24.1516,
-93.8294)**

Conversions

Conversions Part 1

Format	Color
Hex	2AD564
RGB	42, 213, 100
RGB Percent	16%, 84%, 39%
CMY	0.8353, 0.1647, 0.6078
CMYK	0.80, 0.00, 0.53, 0.16
HSL	140°, 67%, 50%
HSV	140°, 80%, 84%
XYZ	27.0493, 49.0008, 20.0891
YIQ	148.9890, -65.6430, -71.3950

Conversions

Conversions Part 2

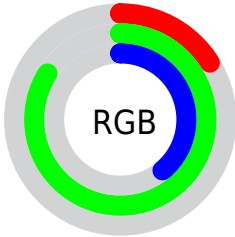
Format	Color
RYB	42, 170, 213
Decimal	2807140
CIELab	75.45, -65.30, 43.82
CIELCh	75, 78.643, 146.140
Yxy	49.0008, 0.2814, 0.5097
Android (android.graphics.Color)	4280997220 (0xFF2AD564)
YUV	148.9890, -24.1516, -93.8294
Hunter-Lab	70.0006, -53.5258, 31.9851

Details

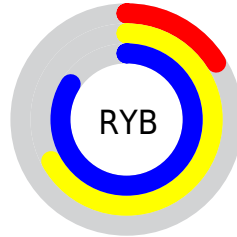
The YUV color **148.9890, -24.1516, -93.8294** is a dark color, and the websafe version is hex **00CC66**. The color can be described as dark washed spring green. A complement of this color would be **106.0110, 24.1516, 93.8294**, and the grayscale version is **149.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **202.1100, -24.2112, -74.6415**, and **97.7450, -24.0313, -85.7224** is the 20% darker color. If you saturate the color by 10%, you get **141.1140, -27.1712, -105.3400**, and if you desaturate by 10%, it is **156.8640, -21.1320, -82.3187**.

Distribution



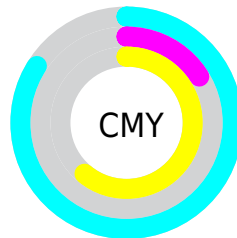
- Red (16%)
- Green (84%)
- Blue (39%)



- Red (16%)
- Yellow (67%)
- Blue (84%)



- Cyan (80%)
- Magenta (0%)
- Yellow (53%)
- Black (16%)



- Cyan (84%)
- Magenta (16%)
- Yellow (61%)

Brightness & Saturation Gradients

These gradients show how the YUV color 148.9890, -24.1516, -93.8294 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 148.9890, -24.1516, -93.8294 by changing the saturation by 10% instead.

■ 148.9890,
-24.1516, -93.8294

■ 148.9890,
-24.1516, -93.8294

■ 255.0000, 0.0000,
0.0000

■ 117.0310,
-21.2143, -102.6362

■ 202.1100,
-24.2112, -74.6415

■ 97.7450, -24.0313,
-85.7224

■ 214.5710,
-16.5505, -58.3828

■ 78.7040, -28.4481,
-69.0234

■ 227.0320, -8.8898,
-42.1241

■ 60.4610, -29.8073,
-53.0243

■ 239.4930, -1.2290,
-25.8654

■ 45.1990, -22.2831,
-39.6395

■ 250.8140, 2.0637,
-8.6069

■ 31.6980, -15.6271,
-27.7991

■ 16.4360, -8.1029,

-14.4144

■ 0.0000, 0.0000,
0.0000

■ 148.9890,
-24.1516, -93.8294

■ 148.9890,
-24.1516, -93.8294

■ 141.1140,
-27.1712, -105.3400

■ 156.8640,
-21.1320, -82.3187

■ 133.2390,
-30.1908, -116.8506

■ 165.0380,
-18.2597, -70.1933


■ 172.9130,
-15.2401, -58.6827

■ 180.7880,
-12.2205, -47.1721

■ 188.9620, -9.3483,
-35.0467

 196.8370, -6.3286,
-23.5360

 204.8260, -2.8722,
-12.1254

 212.7010, 0.1474,
-0.6148

 220.8750, 3.0196,
11.5106

Harmonies

Analogous

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



168.5890, -67.3384, -8.4096



148.9890, -24.1516, -93.8294



148.3890, 12.6262, -130.1372

Triad

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



148.9890, -24.1516, -93.8294



144.7090, 54.3735, -126.9098



161.7500, -17.1318, 81.7802

Complementary

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



148.9890, -24.1516, -93.8294



106.0110, 24.1516, 93.8294

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.



165.1480, 16.1960, 78.8002



148.9890, -24.1516, -93.8294



179.0810, 37.4281, -11.4720

Square

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



148.9890, -24.1516, -93.8294



154.1010, 49.7432, -135.1466



185.7340, 34.1481, 60.7463



171.4770, -53.4792, 73.2497

Rectangle

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



148.9890, -24.1516, -93.8294



154.6760, 34.1767, -135.6509



185.7340, 34.1481, 60.7463



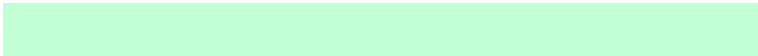
160.2630, -5.0597, 83.0843

Sweetspot

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



148.9890, -24.1516, -93.8294



232.2010, -8.4801, -33.5023



176.4630, -66.2903, -17.9461



114.0870, -5.4659, -20.2473



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.



148.9890, -24.1516, -93.8294



163.2770, -34.6466, -134.4239



158.5650, 12.5395, -102.2275



102.9130, -1.4361, -6.0627



106.9890, -24.1516, -93.8294



26.9510, -5.8918, -23.6360

Inverse Universe

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



106.0110, 24.1516, 93.8294



101.7230, 34.6466, 134.4239



96.4350, -12.5395, 102.2275



100.0870, 1.4361, 6.0627



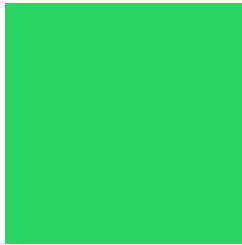
64.0110, 24.1516, 93.8294



16.1630, 6.3286, 23.5360

Previews

White Background



This preview shows how the YUV color 148.9890, -24.1516, -93.8294 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 148.9890, -24.1516, -93.8294 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 148.9890, -24.1516, -93.8294 Background



This preview shows how black text looks on a background with the YUV color 148.9890, -24.1516, -93.8294.



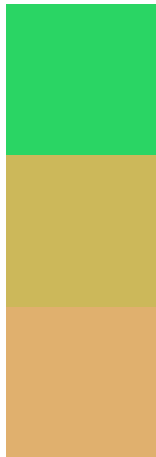
This preview shows how white text looks on a background with the YUV color 148.9890, -24.1516, -93.8294.

-93.8294.

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

148.9890, -24.1516, -93.8294

Protanopia

179.2640, -44.0072, 21.6935

Deuteranopia

182.8280, -35.9042, 36.1078



Tritanopia

169.3470, 23.4929, -68.7103

Trichromacy



Original Color

148.9890, -24.1516, -93.8294



Protanomaly

168.5360, -36.7462, -20.6411



Deuteranomaly

170.2690, -31.6846, -10.7599



Tritanomaly

161.9980, 5.9170, -78.0512

Monochromacy



Original Color

148.9890, -24.1516, -93.8294



Achromatopsia

149.0000, 0.0000, 0.0000



Achromatomaly

148.7880, -8.7695, -34.0171

CSS Examples

Text

The CSS property to change the color of the text to YUV 148.9890, -24.1516, -93.8294 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, 100)` looks like.

```
.text, #text, p{  
    color:rgb(42, 213, 100)  
}
```

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, 100) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(42, 213, 100) }
```

Border

The CSS property to change the border of an element to YUV 148.9890, -24.1516, -93.8294 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, 100) }
```


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

```
.border{ border-color:rgb(42, 213, 100) }
```

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, 100)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(42, 213, 100); -webkit-box-shadow:4px 4px 4px 4px rgb(42, 213, 100); box-shadow:4px 4px 4px 4px rgb(42, 213, 100) }
```

Background

The CSS property to change the background color of an element to YUV 148.9890, -24.1516, -93.8294 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, 100) }
```

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

```
.background{ background-color: rgb(42, 213,  
100) }
```

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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