

Converting Colors

YUV(148.1230, -17.3156,
-93.0699)

Have a look what the booklet for
YUV(148.1230, -17.3156, -93.0699)
contains.

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Color

**YUV(148.1230, -17.3156,
-93.0699)**

Conversions

Conversions Part 1

Format	Color
Hex	2AD171
RGB	42, 209, 113
RGB Percent	16%, 82%, 44%
CMY	0.8353, 0.1804, 0.5569
CMYK	0.80, 0.00, 0.46, 0.18
HSL	146°, 67%, 49%
HSV	146°, 80%, 82%
XYZ	26.7359, 47.2854, 23.3407
YIQ	148.1230, -68.7160, -65.2600

Conversions

Conversions Part 2

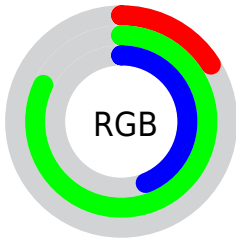
Format	Color
R_{YB}	42, 159, 209
Decimal	2806129
CIE _{Lab}	74.37, -61.93, 36.12
CIE _{LCh}	74, 71.688, 149.748
Yxy	47.2854, 0.2746, 0.4857
Android (android.graphics.Color)	4280996209 (0xFF2AD171)
YUV	148.1230, -17.3156, -93.0699
Hunter-Lab	68.7644, -50.9360, 28.0103

Details

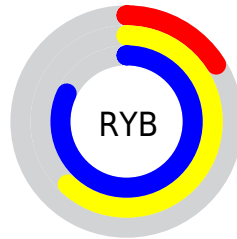
The YUV color **148.1230, -17.3156, -93.0699** is a dark color, and the websafe version is hex **33CC66**. The color can be described as dark washed spring green. A complement of this color would be **102.8770, 17.3156, 93.0699**, and the grayscale version is **148.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **203.2930, -18.3854, -76.5560**, and **96.9930, -16.7585, -85.0629** is the 20% darker color. If you saturate the color by 10%, you get **140.4760, -19.4617, -104.7805**, and if you desaturate by 10%, it is **155.7700, -15.1696, -81.3593**.

Distribution



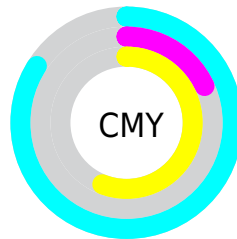
- Red (16%)
- Green (82%)
- Blue (44%)



- Red (16%)
- Yellow (62%)
- Blue (82%)



- Cyan (80%)
- Magenta (0%)
- Yellow (46%)
- Black (18%)



- Cyan (84%)
- Magenta (18%)
- Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the YUV color 148.1230, -17.3156, -93.0699 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 148.1230, -17.3156, -93.0699 by changing the saturation by 10% instead.

■ 148.1230,
-17.3156, -93.0699

■ 148.1230,
-17.3156, -93.0699

■ 255.0000, 0.0000,
0.0000

■ 116.2790,
-13.9415, -101.9767

■ 203.2930,
-18.3854, -76.5560

■ 96.9930, -16.7585,
-85.0629

■ 215.7540,
-10.7247, -60.2973

■ 78.2940, -19.8649,
-68.6638

■ 228.2150, -3.0640,
-44.0386

■ 60.0680, -23.6975,
-52.6796

■ 240.4910, 5.1809,
-28.4946

■ 43.4380, -21.4149,
-38.0951

■ 250.2160, 2.3585,
-9.8364

■ 29.9370, -14.7589,
-26.2547

■ 14.0880, -6.9454,

-12.3552

■ 0.0000, 0.0000,
0.0000

■ 148.1230,
-17.3156, -93.0699

■ 148.1230,
-17.3156, -93.0699

■ 140.4760,
-19.4617, -104.7805

■ 155.7700,
-15.1696, -81.3593

■ 132.8290,
-21.6077, -116.4910

■ 163.4170,
-13.0236, -69.6487

■ 171.0640,
-10.8776, -57.9381

■ 178.7110, -8.7315,
-46.2275

■ 186.3580, -6.5855,
-34.5170

■ 193.7060, -4.2921,
-23.4212

■ 201.3530, -2.1460,
-11.7106

■ 209.0000, 0.0000,
0.0000

■ 216.6470, 2.1460,
11.7106

Harmonies

Analogous

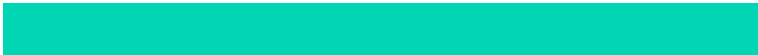
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



167.7590, -55.0972, -14.6976



148.1230, -17.3156, -93.0699



146.1380, 16.6940, -128.1630

Triad

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



148.1230, -17.3156, -93.0699



141.1870, 56.1098, -123.8210



165.1750, -21.7783, 78.7765

Complementary

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



148.1230, -17.3156, -93.0699



102.8770, 17.3156, 93.0699

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.



167.3020, 9.2181, 76.9111



148.1230, -17.3156, -93.0699



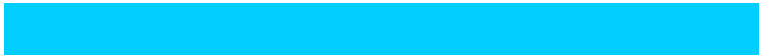
180.6310, 36.6639, 0.3236

Square

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



148.1230, -17.3156, -93.0699



149.9920, 51.7689, -131.5430



185.1640, 31.9641, 61.2462



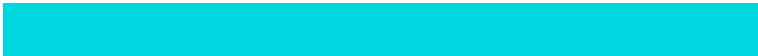
174.1670, -53.3263, 70.8905

Rectangle

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



148.1230, -17.3156, -93.0699



151.3820, 36.7867, -132.7620



185.1640, 31.9641, 61.2462



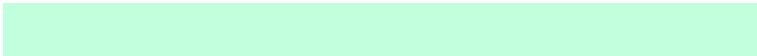
164.6340, -11.1586, 79.2510

Sweetspot

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



148.1230, -17.3156, -93.0699



232.7710, -6.2961, -34.0022



169.0320, -62.6268, -26.3381



114.4290, -4.1555, -20.5472



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.



148.1230, -17.3156, -93.0699



165.6710, -25.4738, -136.5235



157.4710, 18.5018, -101.2681



101.0270, -0.9993, -6.1627



106.8240, -17.1682, -93.6846



26.0050, -4.4395, -22.8064

Inverse Universe

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



102.8770, 17.3156, 93.0699



99.3290, 25.4738, 136.5235



93.5290, -18.5018, 101.2681



97.9730, 0.9993, 6.1627



61.2900, 17.6050, 93.5847



14.8810, 4.0027, 22.9064

Previews

White Background



This preview shows how the YUV color 148.1230, -17.3156, -93.0699 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 148.1230, -17.3156, -93.0699 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 148.1230, -17.3156, -93.0699 Background



This preview shows how black text looks on a background with the YUV color 148.1230, -17.3156, -93.0699.



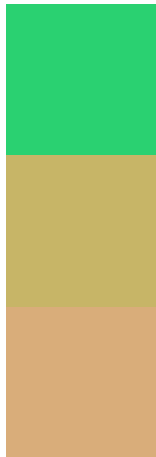
This preview shows how white text looks on a background with the YUV color 148.1230, -17.3156, -93.0699.

-93.0699.

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

148.1230, -17.3156, -93.0699

Protanopia

177.4900, -36.7236, 18.8643

Deuteranopia

180.3420, -28.7626, 32.1491



Tritanopia

166.6350, 23.3509, -69.8399

Trichromacy



Original Color

148.1230, -17.3156, -93.0699



Protanomaly

166.7730, -29.4681, -21.7259



Deuteranomaly

168.4950, -24.4010, -13.5891



Tritanomaly

159.9810, 8.3904, -78.0363

Monochromacy



Original Color

148.1230, -17.3156, -93.0699



Achromatopsia

148.0000, 0.0000, 0.0000



Achromatomaly

147.7710, -6.2961, -34.0022

CSS Examples

Text

The CSS property to change the color of the text to YUV 148.1230, -17.3156, -93.0699 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, 209, 113)` looks like.

```
.text, #text, p{  
    color:rgb(42, 209, 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(42, 209, 113) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(42, 209, 113) }
```

Border

The CSS property to change the border of an element to YUV 148.1230, -17.3156, -93.0699 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, 209, 113) }
```


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

```
.border{ border-color:rgb(42, 209, 113) }
```

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

Here you see how a box with a 4 pixel `rgb(42, 209, 113)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(42, 209, 113); -webkit-box-  
shadow:4px 4px 4px 4px rgb(42, 209, 113);  
box-shadow:4px 4px 4px 4px rgb(42, 209,  
113) }
```

Background

The CSS property to change the background color of an element to YUV 148.1230, -17.3156, -93.0699 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(42, 209, 113) }
```

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

```
.background{ background-color: rgb(42, 209,  
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](#).

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