

Converting Colors

YUV(149.2370, -16.8788,
-93.1698)

Have a look what the booklet for
YUV(149.2370, -16.8788, -93.1698)
contains.

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Color

**YUV(149.2370, -16.8788,
-93.1698)**

Conversions

Conversions Part 1

Format	Color
Hex	2BD273
RGB	43, 210, 115
RGB Percent	17%, 82%, 45%
CMY	0.8314, 0.1765, 0.5490
CMYK	0.80, 0.00, 0.45, 0.18
HSL	146°, 66%, 50%
HSV	146°, 80%, 82%
XYZ	27.1374, 47.8446, 24.0243
YIQ	149.2370, -69.0370, -64.9490

Conversions

Conversions Part 2

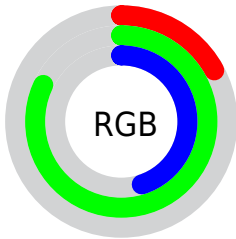
Format	Color
RYB	43, 160, 210
Decimal	2871923
CIELab	74.73, -61.82, 35.57
CIELCh	75, 71.327, 150.085
Yxy	47.8446, 0.2741, 0.4832
Android (android.graphics.Color)	4281062003 (0xFF2BD273)
YUV	149.2370, -16.8788, -93.1698
Hunter-Lab	69.1698, -51.0162, 27.8260

Details

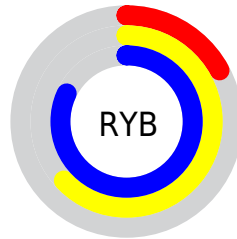
The YUV color **149.2370, -16.8788, -93.1698** is a dark color, and the websafe version is hex **33CC66**. The color can be described as dark washed spring green. A complement of this color would be **103.7630, 16.8788, 93.1698**, and the grayscale version is **149.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **203.5210, -17.5119, -76.7559**, and **97.8080, -16.1743, -85.7776** is the 20% darker color. If you saturate the color by 10%, you get **141.5900, -19.0249, -104.8804**, and if you desaturate by 10%, it is **156.8840, -14.7328, -81.4593**.

Distribution



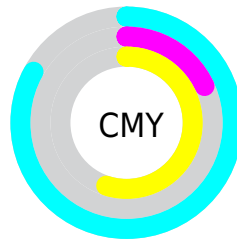
- Red (17%)
- Green (82%)
- Blue (45%)



- Red (17%)
- Yellow (63%)
- Blue (82%)



- Cyan (80%)
- Magenta (0%)
- Yellow (45%)
- Black (18%)



- Cyan (83%)
- Magenta (18%)
- Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the YUV color 149.2370, -16.8788, -93.1698 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 149.2370, -16.8788, -93.1698 by changing the saturation by 10% instead.

■ 149.2370,
-16.8788, -93.1698

■ 149.2370,
-16.8788, -93.1698

■ 255.0000, 0.0000,
0.0000

■ 117.0940,
-13.3573, -102.6914

■ 203.5210,
-17.5119, -76.7559

■ 97.8080, -16.1743,
-85.7776

■ 216.2810, -9.9985,
-59.8824

■ 79.1090, -19.2807,
-69.3786

■ 228.4430, -2.1904,
-44.2385

■ 60.9970, -22.6765,
-53.4944

■ 241.0180, 5.9071,
-28.0798

■ 44.0250, -21.7043,
-38.6099

■ 250.5150, 2.2111,
-9.2217

■ 30.5240, -15.0483,
-26.7695

■ 14.6750, -7.2348,

-12.8700

■ 0.0000, 0.0000,
0.0000

■ 149.2370,
-16.8788, -93.1698

■ 149.2370,
-16.8788, -93.1698

■ 141.5900,
-19.0249, -104.8804

■ 156.8840,
-14.7328, -81.4593

■ 133.9430,
-21.1709, -116.5910


■ 164.5310,
-12.5868, -69.7487

■ 133.6440,
-21.0235, -117.2058


■ 172.1780,
-10.4408, -58.0381

■ 179.8250, -8.2947,
-46.3275

■ 187.4720, -6.1487,
-34.6169

 195.1190, -4.0027,
-22.9064

 202.7660, -1.8566,
-11.1958

 210.4130, 0.2894,
0.5148

 218.0600, 2.4354,
12.2254

Harmonies

Analogous

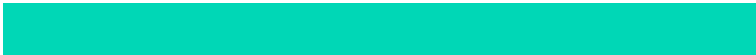
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



168.9870, -54.2236, -14.8976



149.2370, -16.8788, -93.1698



146.9530, 17.2782, -128.8778

Triad

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



149.2370, -16.8788, -93.1698



141.1870, 56.1098, -123.8210



166.4630, -21.9203, 77.6469

Complementary

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



149.2370, -16.8788, -93.1698



103.7630, 16.8788, 93.1698

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.



168.4760, 8.6393, 75.8815



149.2370, -16.8788, -93.1698



181.2290, 36.3691, 1.5532

Square

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



149.2370, -16.8788, -93.1698



150.5790, 51.4796, -132.0578



185.7510, 31.6748, 60.7314



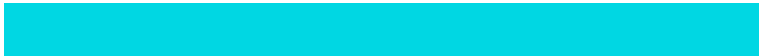
175.5690, -53.0315, 69.6610

Rectangle

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



149.2370, -16.8788, -93.1698



152.0830, 36.9341, -133.3768



185.7510, 31.6748, 60.7314



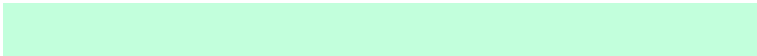
165.3350, -11.0112, 78.6362

Sweetspot

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



149.2370, -16.8788, -93.1698



232.7710, -6.2961, -34.0022



170.0320, -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.



149.2370, -16.8788, -93.1698



166.9100, -24.6056, -134.9791



158.4710, 18.5018, -101.2681



101.0270, -0.9993, -6.1627



106.9380, -16.7314, -93.7846



26.1190, -4.0027, -22.9064

Inverse Universe

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



103.7630, 16.8788, 93.1698



101.0900, 24.6056, 134.9791



94.5290, -18.5018, 101.2681



97.9730, 0.9993, 6.1627



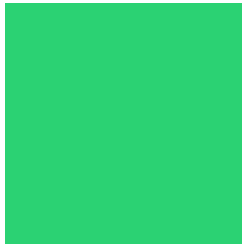
61.1760, 17.1682, 93.6846



14.8810, 4.0027, 22.9064

Previews

White Background



This preview shows how the YUV color 149.2370, -16.8788, -93.1698 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 149.2370, -16.8788, -93.1698 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 149.2370, -16.8788, -93.1698 Background



This preview shows how black text looks on a background with the YUV color 149.2370, -16.8788, -93.1698.



This preview shows how white text looks on a background with the YUV color 149.2370, -16.8788, -93.1698.

-93.1698.

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

149.2370, -16.8788, -93.1698

Protanopia

178.6040, -36.2868, 18.7643

Deuteranopia

181.4560, -28.3258, 32.0491



Tritanopia

167.3360, 23.4984, -70.4547

Trichromacy



Original Color

149.2370, -16.8788, -93.1698



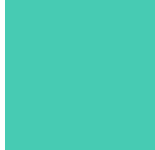
Protanomaly

167.8870, -29.0313, -21.8259



Deuteranomaly

169.6090, -23.9642, -13.6891



Tritanomaly

160.7960, 8.9746, -78.7511

Monochromacy



Original Color

149.2370, -16.8788, -93.1698



Achromatopsia

149.0000, 0.0000, 0.0000



Achromatomaly

148.8850, -5.8593, -34.1021

CSS Examples

Text

The CSS property to change the color of the text to YUV 149.2370, -16.8788, -93.1698 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, 210, 115)` looks like.

```
.text, #text, p{  
    color:rgb(43, 210, 115)  
}
```

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, 210, 115) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(43, 210, 115) }
```

Border

The CSS property to change the border of an element to YUV 149.2370, -16.8788, -93.1698 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, 210, 115) }
```


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

```
.border{ border-color:rgb(43, 210, 115) }
```

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

Here you see how a box with a 4 pixel `rgb(43, 210, 115)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(43, 210, 115); -webkit-box-  
shadow:4px 4px 4px 4px rgb(43, 210, 115);  
box-shadow:4px 4px 4px 4px rgb(43, 210,  
115) }
```

Background

The CSS property to change the background color of an element to YUV 149.2370, -16.8788, -93.1698 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(43, 210, 115) }
```

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

```
.background{ background-color: rgb(43, 210,  
115) }
```

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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