

Converting Colors

YUV(148.1520, -21.2739,
-83.4483)

Have a look what the booklet for
YUV(148.1520, -21.2739, -83.4483)
contains.

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Color

**YUV(148.1520, -21.2739,
-83.4483)**

Conversions

Conversions Part 1

Format	Color
Hex	35CD69
RGB	53, 205, 105
RGB Percent	21%, 80%, 41%
CMY	0.7922, 0.1961, 0.5882
CMYK	0.74, 0.00, 0.49, 0.20
HSL	141°, 60%, 51%
HSV	141°, 74%, 80%
XYZ	25.8493, 45.4394, 20.7729
YIQ	148.1520, -58.4920, -63.3240

Conversions

Conversions Part 2

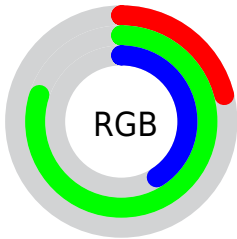
Format	Color
RYB	53, 166, 205
Decimal	3525993
CIELab	73.18, -60.45, 38.62
CIELCh	73, 71.737, 147.424
Yxy	45.4394, 0.2808, 0.4936
Android (android.graphics.Color)	4281716073 (0xFF35CD69)
YUV	148.1520, -21.2739, -83.4483
Hunter-Lab	67.4088, -49.5158, 28.9152

Details

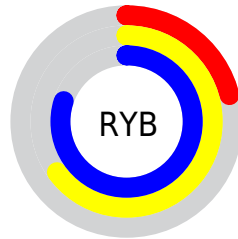
The YUV color **148.1520, -21.2739, -83.4483** is a dark color, and the websafe version is hex **33CC66**. The color can be described as dark muted spring green. A complement of this color would be **109.8480, 21.2739, 83.4483**, and the grayscale version is **148.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **203.8760, -22.6169, -72.6823**, and **93.7330, -19.0954, -82.2038** is the 20% darker color. If you saturate the color by 10%, you get **140.6900, -24.0042, -94.4441**, and if you desaturate by 10%, it is **155.9130, -18.6911, -71.8377**.

Distribution



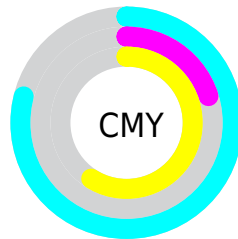
- Red (21%)
- Green (80%)
- Blue (41%)



- Red (21%)
- Yellow (65%)
- Blue (80%)



- Cyan (74%)
- Magenta (0%)
- Yellow (49%)
- Black (20%)



- Cyan (79%)
- Magenta (20%)
- Yellow (59%)

Brightness & Saturation Gradients

These gradients show how the YUV color 148.1520, -21.2739, -83.4483 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 148.1520, -21.2739, -83.4483 by changing the saturation by 10% instead.

■ 148.1520,
-21.2739, -83.4483

■ 148.1520,
-21.2739, -83.4483

■ 255.0000, 0.0000,
0.0000

■ 113.0190,
-16.2784, -99.1177

■ 203.8760,
-22.6169, -72.6823

■ 93.7330, -19.0954,
-82.2038

■ 216.2230,
-15.3929, -56.3236

■ 75.0340, -22.2018,
-65.8048

■ 228.3850, -7.5848,
-40.6796

■ 56.3520, -27.7815,
-49.4207

■ 240.6610, 0.6601,
-25.1357

■ 41.6770, -20.5468,
-36.5507

■ 251.4120, 1.7689,
-7.3773

■ 28.1760, -13.8908,
-24.7104

■ 11.1530, -5.4984,

-9.7812

■ 0.0000, 0.0000,
0.0000

■ 148.1520,
-21.2739, -83.4483

■ 148.1520,
-21.2739, -83.4483

■ 140.6900,
-24.0042, -94.4441

■ 155.9130,
-18.6911, -71.8377

■ 132.8150,
-27.0238, -105.9548

■ 163.4890,
-15.5241, -60.9419

■ 128.3150,
-28.7493, -112.5323

■ 171.2500,
-12.9413, -49.3312

■ 178.8260, -9.7742,
-38.4354

■ 186.5870, -7.1914,
-26.8248

■ 194.1630, -4.0244,
-15.9290

■ 201.9240, -1.4415,
-4.3183

■ 209.5000, 1.7255,
6.5775

■ 217.2610, 4.3083,
18.1881

Harmonies

Analogous

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



165.2110, -57.2920, -10.7090



148.1520, -21.2739, -83.4483



142.8780, 14.3571, -125.3040

Triad

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



148.1520, -21.2739, -83.4483



140.0130, 56.6886, -122.7914



162.4680, -19.4577, 81.1506

Complementary

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



148.1520, -21.2739, -83.4483



109.8480, 21.2739, 83.4483

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.



165.7690, 10.9599, 78.2556



148.1520, -21.2739, -83.4483



176.4560, 38.7222, -6.5389

Square

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



148.1520, -21.2739, -83.4483



148.8180, 52.3477, -130.5134



183.8050, 33.1271, 61.5610



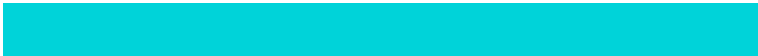
171.3460, -51.4426, 73.3646

Rectangle

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



148.1520, -21.2739, -83.4483



148.5950, 33.7237, -130.3178



183.8050, 33.1271, 61.5610



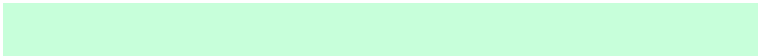
161.9270, -8.8380, 81.6250

Sweetspot

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



148.1520, -21.2739, -83.4483



234.0380, -7.9067, -30.7283



172.4230, -58.8755, -16.1570



115.3260, -4.5977, -18.7029



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.



148.1520, -21.2739, -83.4483



170.1410, -31.6215, -124.6577



156.7020, 11.4859, -90.9467



98.2120, -1.5835, -5.4479



103.9400, -23.1414, -91.1554



23.7880, -5.3185, -20.8621

Inverse Universe

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



109.8480, 21.2739, 83.4483



112.8590, 31.6215, 124.6577



101.2980, -11.4859, 90.9467



95.7880, 1.5835, 5.4479



62.0600, 23.1414, 91.1554



14.2120, 5.3185, 20.8621

Previews

White Background



This preview shows how the YUV color 148.1520, -21.2739, -83.4483 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 148.1520, -21.2739, -83.4483 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 148.1520, -21.2739, -83.4483 Background



This preview shows how black text looks on a background with the YUV color 148.1520, -21.2739, -83.4483.



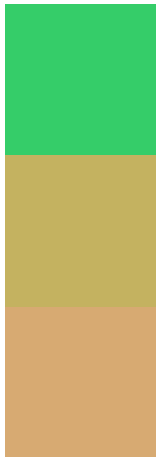
This preview shows how white text looks on a background with the YUV color 148.1520, -21.2739, -83.4483.

-83.4483.

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

148.1520, -21.2739, -83.4483

Protanopia

174.0340, -38.4708, 19.2642

Deuteranopia

177.0710, -31.0940, 33.2637



Tritanopia

164.6250, 21.8769, -63.6921

Trichromacy



Original Color

148.1520, -21.2739, -83.4483



Protanomaly

164.6980, -32.3891, -18.1521



Deuteranomaly

166.7190, -27.4695, -9.4006



Tritanomaly

158.4550, 6.1847, -70.5590

Monochromacy



Original Color

148.1520, -21.2739, -83.4483



Achromatopsia

148.0000, 0.0000, 0.0000



Achromatomaly

148.0380, -7.9067, -30.7283

CSS Examples

Text

The CSS property to change the color of the text to YUV 148.1520, -21.2739, -83.4483 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(53, 205, 105)` looks like.

```
.text, #text, p{  
    color:rgb(53, 205, 105)  
}
```

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(53, 205, 105) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(53, 205, 105) }
```

Border

The CSS property to change the border of an element to YUV 148.1520, -21.2739, -83.4483 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(53, 205, 105) }
```


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

```
.border{ border-color:rgb(53, 205, 105) }
```

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

Here you see how a box with a 4 pixel `rgb(53, 205, 105)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(53, 205, 105); -webkit-box-  
shadow:4px 4px 4px 4px rgb(53, 205, 105);  
box-shadow:4px 4px 4px 4px rgb(53, 205,  
105) }
```

Background

The CSS property to change the background color of an element to YUV 148.1520, -21.2739, -83.4483 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(53, 205, 105) }
```

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

```
.background{ background-color: rgb(53, 205,  
105) }
```

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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