

Converting Colors

YUV(133.3180, -53.4008,
-92.3639)

Have a look what the booklet for
YUV(133.3180, -53.4008, -92.3639)
contains.

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Color

**YUV(133.3180, -53.4008,
-92.3639)**

Conversions

Conversions Part 1

Format	Color
Hex	1CD019
RGB	28, 208, 25
RGB Percent	11%, 82%, 10%
CMY	0.8902, 0.1843, 0.9020
CMYK	0.87, 0.00, 0.88, 0.18
HSL	119°, 79%, 46%
HSV	119°, 88%, 82%
XYZ	23.2102, 45.4288, 8.4650
YIQ	133.3180, -48.5370, -95.0730

Conversions

Conversions Part 2

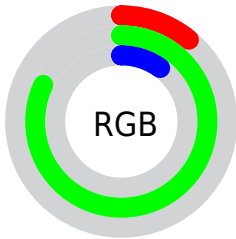
Format	Color
R _Y B	25, 208, 205
Decimal	1888281
CIE Lab	73.17, -71.84, 68.39
CIE LCh	73, 99.189, 136.412
Yxy	45.4288, 0.3010, 0.5892
Android (android.graphics.Color)	4280078361 (0xFF1CD019)
YUV	133.3180, -53.4008, -92.3639
Hunter-Lab	67.4009, -56.4832, 39.7343

Details

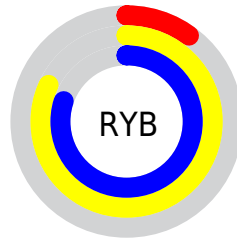
The YUV color **133.3180, -53.4008, -92.3639** is a dark color, and the websafe version is hex **00CC00**. The color can be described as dark washed green. A complement of this color would be **99.6820, 53.4008, 92.3639**, and the grayscale version is **134.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **193.8460, -50.7031, -70.9019**, and **89.2240, -43.9874, -78.2494** is the 20% darker color. If you saturate the color by 10%, you get **124.9440, -59.6254, -102.5599**, and if you desaturate by 10%, it is **141.6920, -47.1762, -82.1679**.

Distribution



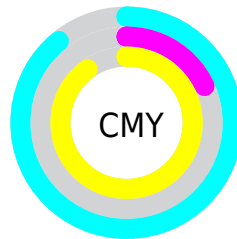
- Red (11%)
- Green (82%)
- Blue (10%)



- Red (10%)
- Yellow (82%)
- Blue (80%)



- Cyan (87%)
- Magenta (0%)
- Yellow (88%)
- Black (18%)



- Cyan (89%)
- Magenta (18%)
- Yellow (90%)

Brightness & Saturation Gradients

These gradients show how the YUV color 133.3180, -53.4008, -92.3639 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 133.3180, -53.4008, -92.3639 by changing the saturation by 10% instead.

■ 133.3180,
-53.4008, -92.3639

■ 133.3180,
-53.4008, -92.3639

255.0000, 0.0000,
0.0000

■ 105.6600,
-52.0904, -92.6638

■ 193.8460,
-50.7031, -70.9019

■ 89.2240, -43.9874,
-78.2494

■ 206.6060,
-43.1898, -54.0285

■ 73.3750, -36.1739,
-64.3499

■ 219.4800,
-35.2396, -37.2550

■ 57.5260, -28.3603,
-50.4503

■ 231.9410,
-27.5789, -20.9963

■ 42.2640, -20.8362,
-37.0655

■ 244.5160,
-19.4814, -4.8375

■ 28.1760, -13.8908,
-24.7104

■ 252.7200, -8.7360,

■ 11.1530, -5.4984,

1.9996

-9.7812

■ 0.0000, 0.0000,
0.0000

■ 133.3180,
-53.4008, -92.3639

■ 133.3180,
-53.4008, -92.3639

■ 124.9440,
-59.6254, -102.5599

■ 141.6920,
-47.1762, -82.1679

■ 122.9930,
-60.6355, -105.2339

■ 150.3650,
-41.0989, -71.3571

■ 158.6250,
-35.3111, -61.0611

■ 167.2980,
-29.2339, -50.2503

■ 175.6720,
-23.0093, -40.0543

■ 184.3450,
-16.9321, -29.2436

■ 192.7190,
-10.7075, -19.0476

■ 201.2780, -5.0671,
-8.1368

■ 209.6520, 1.1576,
2.0592

Harmonies

Analogous

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



162.9470, -80.3329, 6.1855



133.3180, -53.4008, -92.3639



142.0680, -3.9775, -124.5936

Triad

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



133.3180, -53.4008, -92.3639



147.6440, 52.9265, -129.4838



129.0890, 2.4211, 110.4239

Complementary

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



133.3180, -53.4008, -92.3639



99.6820, 53.4008, 92.3639

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.



144.1590, 39.8546, 97.2076



133.3180, -53.4008, -92.3639



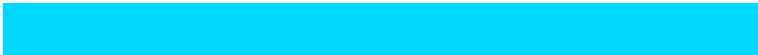
131.2080, 61.0295, -115.0694

Square

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



133.3180, -53.4008, -92.3639



155.8620, 48.8750, -136.6910



176.8630, 38.5215, 58.0021



148.7660, -51.6496, 93.1672

Rectangle

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



133.3180, -53.4008, -92.3639



151.0110, 22.6726, -132.4366



176.8630, 38.5215, 58.0021



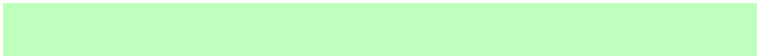
127.2260, 18.1296, 112.0578

Sweetspot

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



133.3180, -53.4008, -92.3639



228.0410, -19.2472, -33.3620



185.3770, -79.0659, 19.8404



111.7790, -11.7230, -19.9772



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.



133.3180, -53.4008, -92.3639



150.8810, -74.3843, -128.8146



142.4530, -14.5203, -103.0063



100.4570, -3.1833, -5.6628



99.5130, -49.0599, -84.6419



24.3660, -12.0124, -20.4920

Inverse Universe

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



99.6820, 53.4008, 92.3639



104.1190, 74.3843, 128.8146



90.5470, 14.5203, 103.0063



98.2440, 3.3307, 5.0480



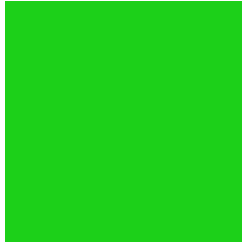
68.7860, 48.9125, 85.2567



16.6340, 12.0124, 20.4920

Previews

White Background



This preview shows how the YUV color 133.3180, -53.4008, -92.3639 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 133.3180, -53.4008, -92.3639 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

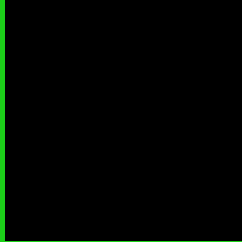
Any Text WCAG AA ✓ Pass

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 133.3180, -53.4008, -92.3639 Background



This preview shows how black text looks on a background with the YUV color 133.3180, -53.4008, -92.3639.



This preview shows how white text looks on a background with the YUV color 133.3180, -53.4008, -92.3639.

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

133.3180, -53.4008, -92.3639

Protanopia

166.1810, -75.0252, 30.5363

Deuteranopia

171.5800, -59.9389, 45.0953



Tritanopia

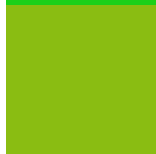
164.0270, 22.1717, -64.9217

Trichromacy



Original Color

133.3180, -53.4008, -92.3639



Protanomaly

154.2570, -67.1747, -14.2574



Deuteranomaly

157.5430, -57.4557, -4.8612



Tritanomaly

152.4470, -5.1504, -74.9370

Monochromacy



Original Color

133.3180, -53.4008, -92.3639



Achromatopsia

133.0000, 0.0000, 0.0000



Achromatomaly

133.0410, -19.2472, -33.3620

CSS Examples

Text

The CSS property to change the color of the text to YUV 133.3180, -53.4008, -92.3639 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(28, 208, 25)` looks like.

```
.text, #text, p{  
    color:rgb(28, 208, 25)  
}
```

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(28, 208, 25) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(28, 208, 25) }
```

Border

The CSS property to change the border of an element to YUV 133.3180, -53.4008, -92.3639 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(28, 208, 25) }
```


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

```
.border{ border-color:rgb(28, 208, 25) }
```

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

Here you see how a box with a 4 pixel `rgb(28, 208, 25)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(28, 208, 25); -webkit-box-  
shadow:4px 4px 4px 4px rgb(28, 208, 25);  
box-shadow:4px 4px 4px 4px rgb(28, 208,  
25) }
```

Background

The CSS property to change the background color of an element to YUV 133.3180, -53.4008, -92.3639 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(28, 208, 25) }
```

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

```
.background{ background-color: rgb(28, 208,  
25) }
```

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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