

Converting Colors

YUV(191.3440, -28.7636,
-14.3337)

Have a look what the booklet for
YUV(191.3440, -28.7636, -14.3337)
contains.

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Color

**YUV(191.3440, -28.7636,
-14.3337)**

Conversions

Conversions Part 1

Format	Color
Hex	AFD385
RGB	175, 211, 133
RGB Percent	69%, 83%, 52%
CMY	0.3137, 0.1725, 0.4784
CMYK	0.17, 0.00, 0.37, 0.17
HSL	88°, 47%, 67%
HSV	88°, 37%, 83%
XYZ	45.2071, 57.3959, 30.8862
YIQ	191.3440, 3.5820, -31.8900

Conversions

Conversions Part 2

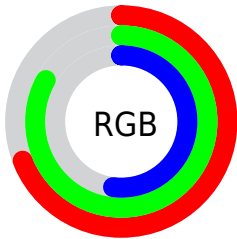
Format	Color
RYB	133, 211, 169
Decimal	11522949
CIELab	80.40, -25.23, 34.80
CIElCh	80, 42.983, 125.943
Yxy	57.3959, 0.3387, 0.4300
Android (android.graphics.Color)	4289713029 (0xFFAFD385)
YUV	191.3440, -28.7636, -14.3337
Hunter-Lab	75.7601, -26.0668, 28.8605

Details

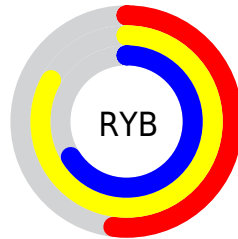
The YUV color **191.3440, -28.7636, -14.3337** is a light color, and the websafe version is hex **99CC66**. A complement of this color would be **152.6560, 28.7636, 14.3337**, and the grayscale version is **192.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **240.0720, -26.1645, -7.9561**, and **137.0990, -27.1638, -14.1188** is the 20% darker color. If you saturate the color by 10%, you get **185.9600, -36.4623, -18.3819**, and if you desaturate by 10%, it is **196.7280, -21.0649, -10.2855**.

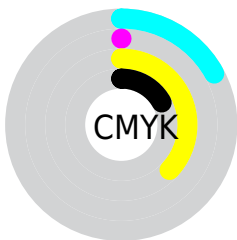
Distribution



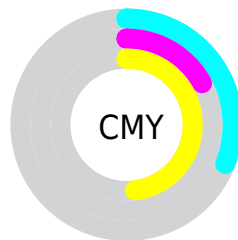
- Red (69%)
- Green (83%)
- Blue (52%)



- Red (52%)
- Yellow (83%)
- Blue (66%)



- Cyan (17%)
- Magenta (0%)
- Yellow (37%)
- Black (17%)



- Cyan (31%)
- Magenta (17%)
- Yellow (48%)

Brightness & Saturation Gradients

These gradients show how the YUV color 191.3440, -28.7636, -14.3337 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 191.3440, -28.7636, -14.3337 by changing the saturation by 10% instead.

■ 191.3440,
-28.7636, -14.3337

■ 191.3440,
-28.7636, -14.3337

255.0000, 0.0000,
0.0000

■ 163.8710,
-28.0374, -13.9189

■ 240.0720,
-26.1645, -7.9561

■ 137.0990,
-27.1638, -14.1188

■ 250.4400,
-17.4719, 3.9991

■ 111.3270,
-26.2902, -14.3188

■ 253.7460, -4.8048,
1.0998

■ 86.4410, -25.8534,
-14.4188

■ 62.2130, -26.7270,
-14.2188

■ 40.3360, -19.8856,
-15.2037

■ 21.1320, -10.4181,

-18.5328

■ 1.7610, -0.8682,
-1.5444

■ 0.0000, 0.0000,
0.0000

■ 191.3440,
-28.7636, -14.3337

■ 191.3440,
-28.7636, -14.3337

■ 185.9600,
-36.4623, -18.3819

■ 196.7280,
-21.0649, -10.2855

■ 180.8750,
-44.3084, -21.8154

■ 201.8130,
-13.2188, -6.8520

■ 175.4910,
-52.0071, -25.8636

■ 207.1970, -5.5201,
-2.8038

■ 170.1070,
-59.7058, -29.9118

■ 212.5810, 2.1786,
1.2445

■ 164.7230,
-67.4044, -33.9601

■ 218.0790, 10.3141,
5.1927

■ 159.5240,
-75.6873, -37.2935

■ 222.5940, 15.9762,
9.1261

■ 157.9430,
-77.8659, -38.5380

■ 225.5840, 14.5021,
15.2738

■ 228.5740, 13.0280,
21.4216

■ 229.1720, 12.7332,
22.6512

Harmonies

Analogous

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



196.1480, -38.0340, 19.1642



191.3440, -28.7636, -14.3337



184.4500, -9.5888, -51.2606

Triad

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



191.3440, -28.7636, -14.3337



177.7330, 38.0926, -84.8348



196.8630, -1.9045, 50.9861

Complementary

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



191.3440, -28.7636, -14.3337



152.6560, 28.7636, 14.3337

Split Complementary

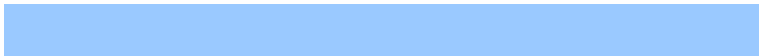
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



204.3580, 14.1205, 44.4130



191.3440, -28.7636, -14.3337



193.1030, 30.5152, -34.2933

Square

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



191.3440, -28.7636, -14.3337



157.9780, 42.9018, -134.1617



202.5370, 25.8643, 10.9301



195.3520, -20.3865, 52.3113

Rectangle

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



191.3440, -28.7636, -14.3337



177.9270, 6.9380, -78.8660



202.5370, 25.8643, 10.9301



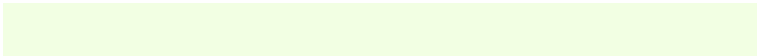
199.0460, 3.9213, 49.0717

Sweetspot

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



191.3440, -28.7636, -14.3337



247.9210, -10.3141, -5.1927



176.8670, -21.6264, 29.9346



123.6700, -6.2463, -3.2186



0.0000, 0.0000, 0.0000



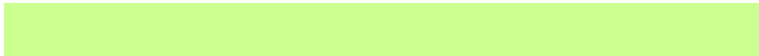
128.0000, 0.0000, 0.0000

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



191.3440, -28.7636, -14.3337



226.6840, -41.2562, -20.7709



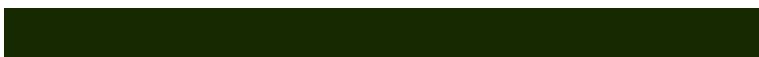
179.9820, -23.1621, -37.6952



102.2510, -4.0677, -1.9741



125.8250, -62.0317, -30.5415



30.6450, -15.1080, -7.5817

Inverse Universe

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



152.6560, 28.7636, 14.3337



171.3160, 41.2562, 20.7709



164.0180, 23.1621, 37.6952



96.7490, 4.0677, 1.9741



42.4740, 61.8843, 31.1563



10.3550, 15.1080, 7.5817

Previews

White Background



This preview shows how the YUV color 191.3440, -28.7636, -14.3337 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 191.3440, -28.7636, -14.3337 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

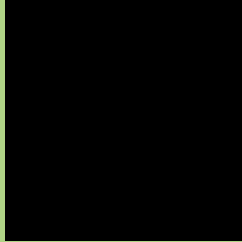
Any Text WCAG AA ✓ Pass

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 191.3440, -28.7636, -14.3337 Background



This preview shows how black text looks on a background with the YUV color 191.3440, -28.7636, -14.3337.



This preview shows how white text looks on a background with the YUV color 191.3440, -28.7636, -14.3337.

-14.3337.

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

191.3440, -28.7636, -14.3337

Protanopia

195.9890, -33.5186, 17.5496

Deuteranopia

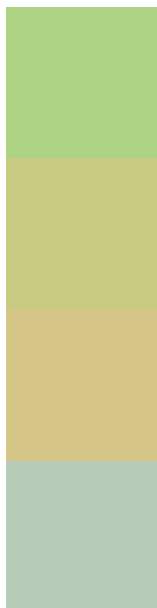
198.1250, -29.6416, 34.0934



Tritanopia

198.6380, 9.0525, -10.2065

Trichromacy



Original Color

191.3440, -28.7636, -14.3337

Protanomaly

194.0800, -31.5914, 6.0688

Deuteranomaly

195.7160, -29.4400, 16.0351

Tritanomaly

196.2560, -5.0562, -11.6255

Monochromacy



Original Color

191.3440, -28.7636, -14.3337

Achromatopsia

191.0000, 0.0000, 0.0000

Achromatomaly

190.9210, -10.3141, -5.1927

CSS Examples

Text

The CSS property to change the color of the text to YUV 191.3440, -28.7636, -14.3337 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(175, 211, 133)` looks like.

```
.text, #text, p{  
    color:rgb(175, 211, 133)  
}
```

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(175, 211, 133) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(175, 211, 133) }
```

Border

The CSS property to change the border of an element to YUV 191.3440, -28.7636, -14.3337 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(175, 211, 133) }
```


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

```
.border{ border-color:rgb(175, 211, 133) }
```

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

Here you see how a box with a 4 pixel `rgb(175, 211, 133)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(175, 211, 133); -webkit-box-  
shadow:4px 4px 4px 4px rgb(175, 211, 133);  
box-shadow:4px 4px 4px 4px rgb(175, 211,  
133) }
```

Background

The CSS property to change the background color of an element to YUV 191.3440, -28.7636, -14.3337 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(175, 211, 133) }
```

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

```
.background{ background-color: rgb(175,  
211, 133) }
```

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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