

Converting Colors

YUV(197.3070, -36.1404,
-28.3332)

Have a look what the booklet for
YUV(197.3070, -36.1404, -28.3332)
contains.

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Color

**YUV(197.3070, -36.1404,
-28.3332)**

Conversions

Conversions Part 1

Format	Color
Hex	A5E47C
RGB	165, 228, 124
RGB Percent	65%, 89%, 49%
CMY	0.3529, 0.1059, 0.5137
CMYK	0.28, 0.00, 0.46, 0.11
HSL	96°, 66%, 69%
HSV	96°, 46%, 89%
XYZ	46.8985, 64.9414, 29.1319
YIQ	197.3070, -4.1640, -45.7000

Conversions

Conversions Part 2

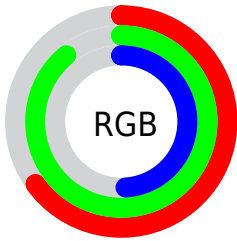
Format	Color
RYB	124, 228, 187
Decimal	10871932
CIELab	84.45, -37.89, 44.32
CIELCh	84, 58.307, 130.524
Yxy	64.9414, 0.3327, 0.4607
Android (android.graphics.Color)	4289062012 (0xFFA5E47C)
YUV	197.3070, -36.1404, -28.3332
Hunter-Lab	80.5862, -37.1447, 34.9770

Details

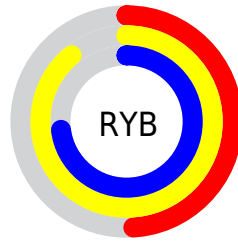
The YUV color **197.3070, -36.1404, -28.3332** is a light color, and the websafe version is hex **99CC66**. A complement of this color would be **154.6930, 36.1404, 28.3332**, and the grayscale version is **198.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **236.3550, -28.7690, -12.5893**, and **142.0620, -34.5406, -28.1184** is the 20% darker color. If you saturate the color by 10%, you get **190.4990, -44.1230, -34.6406**, and if you desaturate by 10%, it is **204.1150, -28.1577, -22.0259**.

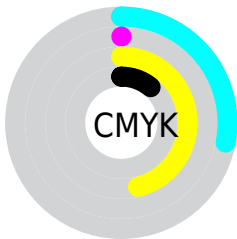
Distribution



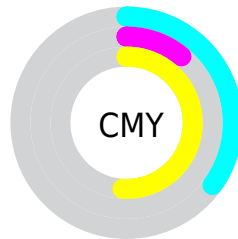
- Red (65%)
- Green (89%)
- Blue (49%)



- Red (49%)
- Yellow (89%)
- Blue (73%)



- Cyan (28%)
- Magenta (0%)
- Yellow (46%)
- Black (11%)



- Cyan (35%)
- Magenta (11%)
- Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the YUV color 197.3070, -36.1404, -28.3332 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 197.3070, -36.1404, -28.3332 by changing the saturation by 10% instead.

■ 197.3070,
-36.1404, -28.3332

■ 197.3070,
-36.1404, -28.3332

255.0000, 0.0000,
0.0000

■ 169.5350,
-35.2668, -28.5332

■ 236.3550,
-28.7690, -12.5893

■ 142.0620,
-34.5406, -28.1184

■ 248.2180,
-20.8135, 2.4398

■ 115.2900,
-33.6670, -28.3183

■ 252.7200, -8.7360,
1.9996

■ 88.7630, -34.3932,
-28.7332

■ 63.2510, -31.1827,
-31.7921

■ 41.0900, -20.2574,
-36.0359

■ 27.5890, -13.6014,

-24.1956

■ 14.0880, -6.9454,
-12.3552

■ 0.0000, 0.0000,
0.0000

■ 197.3070,
-36.1404, -28.3332

■ 197.3070,
-36.1404, -28.3332

■ 190.4990,
-44.1230, -34.6406

■ 204.1150,
-28.1577, -22.0259

■ 183.6910,
-52.1057, -40.9480

■ 210.9230,
-20.1750, -15.7185

■ 177.2960,
-59.7989, -46.7406

■ 217.3180,
-12.4818, -9.9259

■ 170.4880,
-67.7816, -53.0480

■ 224.1260, -4.4991,
-3.6185

■ 163.6800,
-75.7642, -59.3554

■ 230.9340, 3.4835,
2.6889

■ 160.7460,
-79.2478, -62.0442

■ 237.0580, 8.8454,
9.5961

■ 239.1510, 7.8136,
13.8996

Harmonies

Analogous

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



204.0650, -52.2900, 18.3600



197.3070, -36.1404, -28.3332



182.9570, -5.4018, -87.6623

Triad

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



197.3070, -36.1404, -28.3332



161.7320, 45.9811, -141.8390



195.1020, -1.0363, 52.5305

Complementary

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



197.3070, -36.1404, -28.3332



154.6930, 36.1404, 28.3332

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.



204.4210, 21.9774, 44.3578



197.3070, -36.1404, -28.3332



198.3860, 27.9107, -38.9265

Square

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



197.3070, -36.1404, -28.3332



167.6020, 43.0872, -146.9870



212.0720, 21.1635, 25.3699



195.1580, -26.2069, 52.4814

Rectangle

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



197.3070, -36.1404, -28.3332



164.2330, 22.5631, -144.0323



212.0720, 21.1635, 25.3699



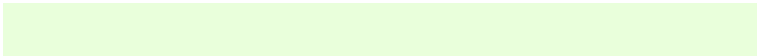
196.6810, 7.5523, 51.1458

Sweetspot

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



197.3070, -36.1404, -28.3332



244.3180, -12.4818, -9.9259



191.4900, -33.2726, 32.0193



121.3060, -7.5459, -6.4074



0.0000, 0.0000, 0.0000



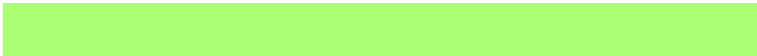
128.0000, 0.0000, 0.0000

Same Dimension

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



197.3070, -36.1404, -28.3332



213.6250, -48.6221, -38.2591



186.1880, -25.7287, -54.5389



111.5390, -4.2097, -3.1037



126.0030, -62.1195, -49.1146



35.9170, -17.7071, -13.9592

Inverse Universe

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



154.6930, 36.1404, 28.3332



156.3750, 48.6221, 38.2591



165.8120, 25.7287, 54.5389



106.4610, 4.2097, 3.1037



52.6980, 62.2669, 48.4999



15.0830, 17.7071, 13.9592

Previews

White Background



This preview shows how the YUV color 197.3070, -36.1404, -28.3332 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 197.3070, -36.1404, -28.3332 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

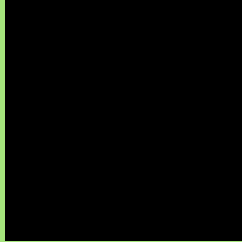
Any Text WCAG AA ✓ Pass

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 197.3070, -36.1404, -28.3332 Background



This preview shows how black text looks on a background with the YUV color 197.3070, -36.1404, -28.3332.



This preview shows how white text looks on a background with the YUV color 197.3070, -36.1404, -28.3332.

-28.3332.

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

197.3070, -36.1404, -28.3332

Protanopia

205.7910, -43.2810, 22.1083

Deuteranopia

208.2800, -38.0990, 40.0964



Tritanopia

207.7720, 12.4374, -22.6020

Trichromacy



Original Color

197.3070, -36.1404, -28.3332

Protanomaly

202.9520, -40.8953, 3.5501

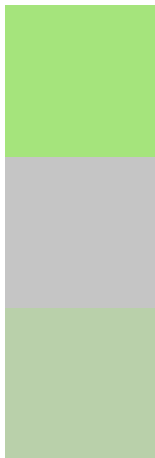
Deuteranomaly

204.2400, -37.5863, 15.5755

Tritanomaly

203.7660, -5.3076, -24.3508

Monochromacy



Original Color

197.3070, -36.1404, -28.3332

Achromatopsia

197.0000, 0.0000, 0.0000

Achromatomaly

196.7910, -13.2080, -10.3407

CSS Examples

Text

The CSS property to change the color of the text to YUV 197.3070, -36.1404, -28.3332 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(165, 228, 124)` looks like.

```
.text, #text, p{  
    color:rgb(165, 228, 124)  
}
```

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(165, 228, 124) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(165, 228, 124) }
```

Border

The CSS property to change the border of an element to YUV 197.3070, -36.1404, -28.3332 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(165, 228, 124) }
```


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

```
.border{ border-color:rgb(165, 228, 124) }
```

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

Here you see how a box with a 4 pixel `rgb(165, 228, 124)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(165, 228, 124); -webkit-box-  
shadow:4px 4px 4px 4px rgb(165, 228, 124);  
box-shadow:4px 4px 4px 4px rgb(165, 228,  
124) }
```

Background

The CSS property to change the background color of an element to YUV 197.3070, -36.1404, -28.3332 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(165, 228, 124) }
```

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

```
.background{ background-color: rgb(165,  
228, 124) }
```

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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