

Converting Colors

YUV(200.8940, -36.4297,
-28.8480)

Have a look what the booklet for
YUV(200.8940, -36.4297, -28.8480)
contains.

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Color

**YUV(200.8940, -36.4297,
-28.8480)**

Conversions

Conversions Part 1

Format	Color
Hex	A8E87F
RGB	168, 232, 127
RGB Percent	66%, 91%, 50%
CMY	0.3412, 0.0902, 0.5020
CMYK	0.28, 0.00, 0.45, 0.09
HSL	97°, 70%, 70%
HSV	97°, 45%, 91%
XYZ	48.8358, 67.5704, 30.5471
YIQ	200.8940, -4.4390, -46.2230

Conversions

Conversions Part 2

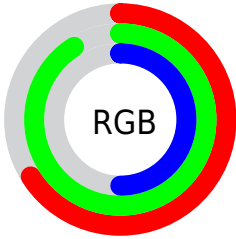
Format	Color
RYB	127, 232, 191
Decimal	11069567
CIELab	85.79, -38.28, 44.57
CIELCh	86, 58.758, 130.660
Yxy	67.5704, 0.3323, 0.4598
Android (android.graphics.Color)	4289259647 (0xFFA8E87F)
YUV	200.8940, -36.4297, -28.8480
Hunter-Lab	82.2012, -37.8050, 35.5078

Details

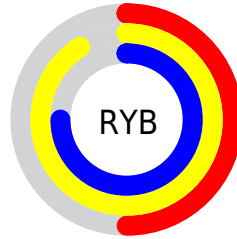
The YUV color **200.8940, -36.4297, -28.8480** is a light color, and the websafe version is hex **99CC66**. A complement of this color would be **158.1060, 36.4297, 28.8480**, and the grayscale version is **201.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **237.5940, -27.9008, -11.0449**, and **145.6490, -34.8300, -28.6332** is the 20% darker color. If you saturate the color by 10%, you get **194.0860, -44.4124, -35.1554**, and if you desaturate by 10%, it is **207.7020, -28.4471, -22.5407**.

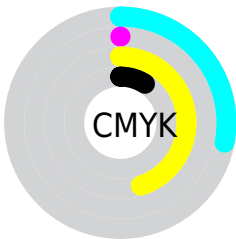
Distribution



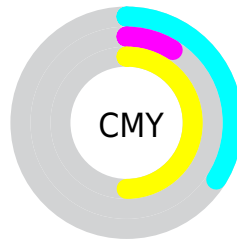
- Red (66%)
- Green (91%)
- Blue (50%)



- Red (50%)
- Yellow (91%)
- Blue (75%)



- Cyan (28%)
- Magenta (0%)
- Yellow (45%)
- Black (9%)



- Cyan (34%)
- Magenta (9%)
- Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the YUV color 200.8940, -36.4297, -28.8480 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 200.8940, -36.4297, -28.8480 by changing the saturation by 10% instead.

■ 200.8940,
-36.4297, -28.8480

■ 200.8940,
-36.4297, -28.8480

255.0000, 0.0000,
0.0000

■ 173.1220,
-35.5561, -29.0480

■ 237.5940,
-27.9008, -11.0449

■ 145.6490,
-34.8300, -28.6332

■ 249.7560,
-20.0927, 4.5990

■ 118.8770,
-33.9564, -28.8331

■ 253.0620, -7.4256,
1.6996

■ 92.4640, -34.2458,
-29.3479

■ 66.4960, -32.7825,
-32.0070

■ 42.8510, -21.1255,
-37.5803

■ 29.3500, -14.4695,

-25.7399

■ 17.0230, -8.3923,
-14.9292

■ 0.0000, 0.0000,
0.0000

■ 200.8940,
-36.4297, -28.8480

■ 200.8940,
-36.4297, -28.8480

■ 194.0860,
-44.4124, -35.1554

■ 207.7020,
-28.4471, -22.5407

■ 187.2780,
-52.3951, -41.4628

■ 214.5100,
-20.4644, -16.2333

■ 180.3560,
-60.8145, -47.6702

■ 221.4320,
-12.0450, -10.0259

■ 173.2490,
-68.6498, -54.5924

■ 228.5390, -4.2097,
-3.1037

■ 166.4410,
-76.6324, -60.8998

■ 235.3470, 3.7729,
3.2037

■ 163.3930,
-80.5527, -63.4887

■ 240.9010, 6.9508,
10.6108

■ 241.4990, 6.6560,
11.8404

Harmonies

Analogous

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



207.9510, -52.7268, 18.4600



200.8940, -36.4297, -28.8480



186.3590, -5.1070, -88.8918

Triad

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



200.8940, -36.4297, -28.8480



164.0800, 44.8236, -143.8982



197.3190, -0.1573, 50.5862

Complementary

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



200.8940, -36.4297, -28.8480



158.1060, 36.4297, 28.8480

Split Complementary

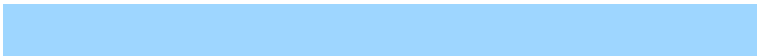
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



206.6380, 22.8565, 42.4135



200.8940, -36.4297, -28.8480



201.9300, 26.1635, -38.5266

Square

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



200.8940, -36.4297, -28.8480



169.9500, 41.9297, -149.0461



215.0290, 19.7057, 26.2846



197.8480, -26.0541, 50.1223

Rectangle

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



200.8940, -36.4297, -28.8480



167.0370, 23.1528, -146.4914



215.0290, 19.7057, 26.2846



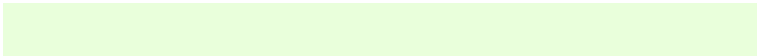
199.3710, 7.7051, 48.7866

Sweetspot

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



200.8940, -36.4297, -28.8480



244.3180, -12.4818, -9.9259



195.3760, -33.7094, 32.1192



121.3060, -7.5459, -6.4074



0.0000, 0.0000, 0.0000



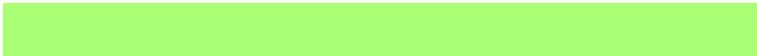
128.0000, 0.0000, 0.0000

Same Dimension

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



200.8940, -36.4297, -28.8480



214.1520, -47.8959, -37.8443



189.7750, -26.0181, -55.0537



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.



158.1060, 36.4297, 28.8480



157.8480, 47.8959, 37.8443



169.2250, 26.0181, 55.0537



106.4610, 4.2097, 3.1037



52.9970, 62.1195, 49.1146



15.0830, 17.7071, 13.9592

Previews

White Background



This preview shows how the YUV color 200.8940, -36.4297, -28.8480 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 200.8940, -36.4297, -28.8480 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 200.8940, -36.4297, -28.8480 Background



This preview shows how black text looks on a background with the YUV color 200.8940, -36.4297, -28.8480.



This preview shows how white text looks on a background with the YUV color 200.8940, -36.4297, -28.8480.

-28.8480.

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

200.8940, -36.4297, -28.8480

Protanopia

209.5630, -44.1546, 22.3082

Deuteranopia

212.7680, -34.8886, 37.0375



Tritanopia

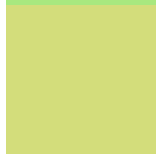
210.8860, 12.8742, -22.7020

Trichromacy



Original Color

200.8940, -36.4297, -28.8480



Protanomaly

206.8380, -41.3321, 3.6501



Deuteranomaly

208.5000, -35.2495, 12.7165



Tritanomaly

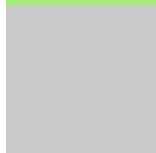
207.4670, -5.1602, -24.9656

Monochromacy



Original Color

200.8940, -36.4297, -28.8480



Achromatopsia

201.0000, 0.0000, 0.0000



Achromatomaly

200.7910, -13.2080, -10.3407

CSS Examples

Text

The CSS property to change the color of the text to YUV 200.8940, -36.4297, -28.8480 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(168, 232, 127)` looks like.

```
.text, #text, p{  
    color:rgb(168, 232, 127)  
}
```

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(168, 232, 127) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(168, 232, 127) }
```

Border

The CSS property to change the border of an element to YUV 200.8940, -36.4297, -28.8480 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(168, 232, 127) }
```


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

```
.border{ border-color:rgb(168, 232, 127) }
```

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

Here you see how a box with a 4 pixel `rgb(168, 232, 127)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(168, 232, 127); -webkit-box-  
shadow:4px 4px 4px 4px rgb(168, 232, 127);  
box-shadow:4px 4px 4px 4px rgb(168, 232,  
127) }
```

Background

The CSS property to change the background color of an element to YUV 200.8940, -36.4297, -28.8480 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(168, 232, 127) }
```

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

```
.background{ background-color: rgb(168,  
232, 127) }
```

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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