

Converting Colors

YUV(196.5400, -32.8042,
-25.0296)

Have a look what the booklet for
YUV(196.5400, -32.8042, -25.0296)
contains.

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Color

**YUV(196.5400, -32.8042,
-25.0296)**

Conversions

Conversions Part 1

Format	Color
Hex	A8E082
RGB	168, 224, 130
RGB Percent	66%, 88%, 51%
CMY	0.3412, 0.1216, 0.4902
CMYK	0.25, 0.00, 0.42, 0.12
HSL	96°, 60%, 69%
HSV	96°, 42%, 88%
XYZ	46.8334, 63.2478, 30.8588
YIQ	196.5400, -3.2020, -41.1060

Conversions

Conversions Part 2

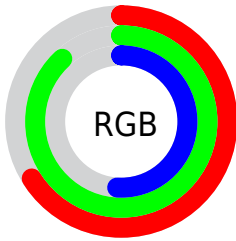
Format	Color
RYB	130, 224, 186
Decimal	11067522
CIELab	83.57, -34.27, 40.30
CIELCh	84, 52.906, 130.375
Yxy	63.2478, 0.3323, 0.4488
Android (android.graphics.Color)	4289257602 (0xFFA8E082)
YUV	196.5400, -32.8042, -25.0296
Hunter-Lab	79.5285, -34.0584, 32.6642

Details

The YUV color **196.5400, -32.8042, -25.0296** is a light color, and the websafe version is hex **99CC66**. A complement of this color would be **157.4600, 32.8042, 25.0296**, and the grayscale version is **197.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **237.9360, -26.5904, -11.3449**, and **141.7080, -30.9150, -24.2999** is the 20% darker color. If you saturate the color by 10%, you get **190.1450, -40.4975, -30.8222**, and if you desaturate by 10%, it is **202.9350, -25.1110, -19.2370**.

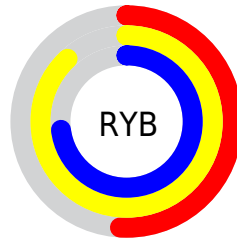
Distribution



Red (66%)

Green (88%)

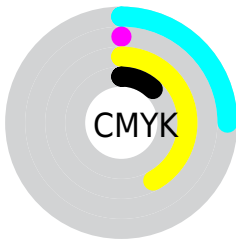
Blue (51%)



Red (51%)

Yellow (88%)

Blue (73%)

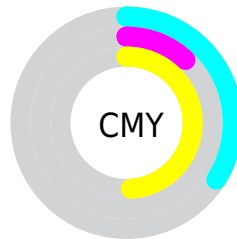


Cyan (25%)

Magenta (0%)

Yellow (42%)

Black (12%)



Cyan (34%)

Magenta (12%)

Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the YUV color 196.5400, -32.8042, -25.0296 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 196.5400, -32.8042, -25.0296 by changing the saturation by 10% instead.

■ 196.5400,
-32.8042, -25.0296

■ 196.5400,
-32.8042, -25.0296

255.0000, 0.0000,
0.0000

■ 169.0670,
-32.0780, -24.6148

■ 237.9360,
-26.5904, -11.3449

■ 141.7080,
-30.9150, -24.2999

■ 249.7990,
-18.6349, 3.6843

■ 115.5230,
-30.3308, -25.0147

■ 253.4040, -6.1152,
1.3997

■ 89.6370, -29.8940,
-25.1146

■ 63.5830, -31.3464,
-25.9443

■ 40.5250, -19.9788,
-32.0324

■ 25.8280, -12.7332,

-22.6512

■ 12.3270, -6.0772,
-10.8108

■ 0.0000, 0.0000,
0.0000

■ 196.5400,
-32.8042, -25.0296

■ 196.5400,
-32.8042, -25.0296

■ 190.1450,
-40.4975, -30.8222

■ 202.9350,
-25.1110, -19.2370

■ 183.3370,
-48.4801, -37.1295

■ 209.7430,
-17.1283, -12.9296

■ 176.9420,
-56.1734, -42.9221

■ 216.1380, -9.4350,
-7.1370

■ 170.4330,
-64.3035, -48.6147

■ 222.6470, -1.3050,
-1.4444

■ 163.7390,
-71.8493, -55.0221

■ 229.3410, 6.2409,
4.9629

■ 158.6970,
-78.2376, -59.3703

■ 234.7100, 10.0030,
11.6553

■ 236.8030, 8.9711,
15.9588

Harmonies

Analogous

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



202.5470, -46.6117, 17.0603



196.5400, -32.8042, -25.0296



185.5070, -6.1660, -75.8666

Triad

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



196.5400, -32.8042, -25.0296



165.3530, 44.1960, -129.2286



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.



196.5400, -32.8042, -25.0296



157.4600, 32.8042, 25.0296

Split Complementary

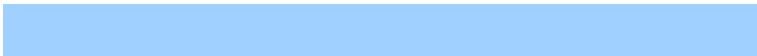
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



204.9110, 18.7779, 43.9281



196.5400, -32.8042, -25.0296



198.7070, 27.7524, -34.8230

Square

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



196.5400, -32.8042, -25.0296



164.6670, 44.5342, -144.4130



210.2780, 22.0479, 21.6812



196.7880, -25.0385, 51.0519

Rectangle

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



196.5400, -32.8042, -25.0296



160.9560, 22.6997, -141.1584



210.2780, 22.0479, 21.6812



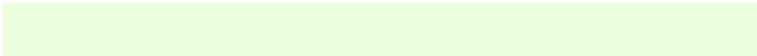
198.8010, 5.5211, 49.2865

Sweetspot

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



196.5400, -32.8042, -25.0296



245.2580, -11.4662, -8.9963



190.3910, -29.7728, 29.4751



121.7190, -7.2565, -5.8926



0.0000, 0.0000, 0.0000



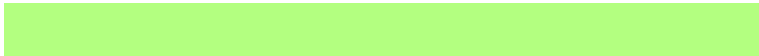
128.0000, 0.0000, 0.0000

Same Dimension

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



196.5400, -32.8042, -25.0296



217.7980, -44.2704, -34.0258



186.0900, -23.7084, -49.1909



108.9520, -3.9203, -2.5889



124.5410, -61.3987, -46.9555



34.1560, -16.8389, -12.4148

Inverse Universe

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



157.4600, 32.8042, 25.0296



164.9030, 44.4178, 33.4111



167.9100, 23.7084, 49.1909



104.3470, 3.7729, 3.2037



51.4590, 61.3987, 46.9555



14.1430, 16.6915, 13.0296

Previews

White Background



This preview shows how the YUV color 196.5400, -32.8042, -25.0296 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 196.5400, -32.8042, -25.0296 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 196.5400, -32.8042, -25.0296 Background



This preview shows how black text looks on a background with the YUV color 196.5400, -32.8042, -25.0296.



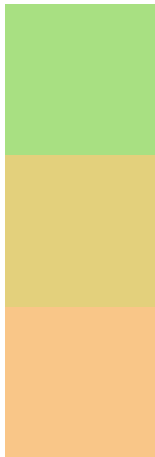
This preview shows how white text looks on a background with the YUV color 196.5400, -32.8042, -25.0296.

-25.0296.

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

196.5400, -32.8042, -25.0296

Protanopia

204.1050, -39.4918, 20.0789

Deuteranopia

206.1810, -34.5992, 37.5523



Tritanopia

205.2670, 11.7004, -19.5282

Trichromacy



Original Color

196.5400, -32.8042, -25.0296

Protanomaly

201.5760, -37.2590, 3.8798

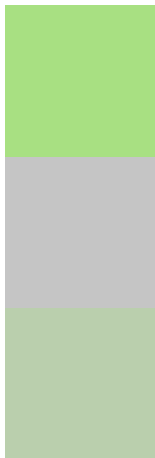
Deuteranomaly

202.5650, -33.8025, 15.2905

Tritanomaly

202.0160, -4.4449, -21.0620

Monochromacy



Original Color

196.5400, -32.8042, -25.0296

Achromatopsia

197.0000, 0.0000, 0.0000

Achromatomaly

196.8450, -11.7556, -9.5111

CSS Examples

Text

The CSS property to change the color of the text to YUV 196.5400, -32.8042, -25.0296 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, 224, 130)` looks like.

```
.text, #text, p{  
    color:rgb(168, 224, 130)  
}
```

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, 224, 130) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(168, 224, 130) }
```

Border

The CSS property to change the border of an element to YUV 196.5400, -32.8042, -25.0296 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, 224, 130) }
```


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

```
.border{ border-color:rgb(168, 224, 130) }
```

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

Here you see how a box with a 4 pixel `rgb(168, 224, 130)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(168, 224, 130); -webkit-box-  
shadow:4px 4px 4px 4px rgb(168, 224, 130);  
box-shadow:4px 4px 4px 4px rgb(168, 224,  
130) }
```

Background

The CSS property to change the background color of an element to YUV 196.5400, -32.8042, -25.0296 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(168, 224, 130) }
```

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

```
.background{ background-color: rgb(168,  
224, 130) }
```

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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