

Converting Colors

YUV(197.6650, -35.8238,
-36.5402)

Have a look what the booklet for
YUV(197.6650, -35.8238, -36.5402)
contains.

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Color

**YUV(197.6650, -35.8238,
-36.5402)**

Conversions

Conversions Part 1

Format	Color
Hex	9CE97D
RGB	156, 233, 125
RGB Percent	61%, 91%, 49%
CMY	0.3882, 0.0863, 0.5098
CMYK	0.33, 0.00, 0.46, 0.09
HSL	103°, 71%, 70%
HSV	103°, 46%, 91%
XYZ	46.5509, 66.8264, 29.8473
YIQ	197.6650, -11.2240, -49.9120

Conversions

Conversions Part 2

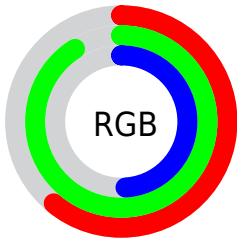
Format	Color
RYB	125, 233, 202
Decimal	10283389
CIELab	85.42, -43.01, 44.93
CIELCh	85, 62.204, 133.749
Yxy	66.8264, 0.3250, 0.4666
Android (android.graphics.Color)	4288473469 (0xFF9CE97D)
YUV	197.6650, -35.8238, -36.5402
Hunter-Lab	81.7474, -41.4116, 35.5754

Details

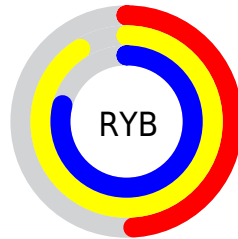
The YUV color **197.6650, -35.8238, -36.5402** is a light color, and the websafe version is hex **99FF99**. A complement of this color would be **160.3350, 35.8238, 36.5402**, and the grayscale version is **198.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **233.7780, -27.0056, -18.2223**, and **142.4200, -34.2241, -36.3253** is the 20% darker color. If you saturate the color by 10%, you get **189.9600, -43.3643, -44.6919**, and if you desaturate by 10%, it is **205.3700, -28.2834, -28.3885**.

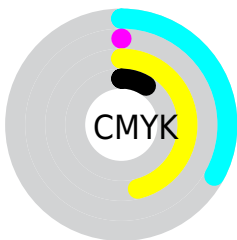
Distribution



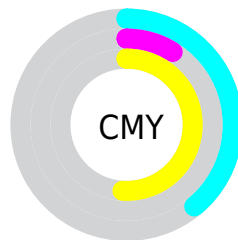
- Red (61%)
- Green (91%)
- Blue (49%)



- Red (49%)
- Yellow (91%)
- Blue (79%)



- Cyan (33%)
- Magenta (0%)
- Yellow (46%)
- Black (9%)



- Cyan (39%)
- Magenta (9%)
- Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the YUV color 197.6650, -35.8238, -36.5402 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 197.6650, -35.8238, -36.5402 by changing the saturation by 10% instead.

■ 197.6650,
-35.8238, -36.5402

■ 197.6650,
-35.8238, -36.5402

255.0000, 0.0000,
0.0000

■ 169.8930,
-34.9502, -36.7402

■ 233.7780,
-27.0056, -18.2223

■ 142.4200,
-34.2241, -36.3253

■ 245.6410,
-19.0500, -3.1932

■ 115.3490,
-33.2031, -37.1401

■ 252.8340, -8.2992,
1.8996

■ 87.6370, -33.3450,
-38.2696

■ 58.4230, -28.8025,
-48.6060

■ 42.8510, -21.1255,
-37.5803

■ 29.3500, -14.4695,

-25.7399

■ 15.8490, -7.8136,
-13.8996

■ 0.0000, 0.0000,
0.0000

■ 197.6650,
-35.8238, -36.5402

■ 197.6650,
-35.8238, -36.5402

■ 189.9600,
-43.3643, -44.6919

■ 205.3700,
-28.2834, -28.3885

■ 182.4400,
-51.4889, -52.1289

■ 212.8900,
-20.1588, -20.9515

■ 174.7350,
-59.0294, -60.2806

■ 220.5950,
-12.6183, -12.7998

■ 167.3290,
-66.7172, -67.8175

■ 228.0010, -4.9305,
-5.2629

■ 159.6240,
-74.2576, -75.9692

■ 235.8200, 3.0467,
2.7889

■ 156.8040,
-77.3044, -78.7581

■ 242.0860, 6.3666,
11.3256

Harmonies

Analogous

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



205.6470, -55.0420, 14.3416



197.6650, -35.8238, -36.5402



177.0080, 0.4891, -110.5090

Triad

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



197.6650, -35.8238, -36.5402



163.4930, 45.1130, -143.3834



194.0590, -2.4941, 53.4453

Complementary

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



197.6650, -35.8238, -36.5402



160.3350, 35.8238, 36.5402

Split Complementary

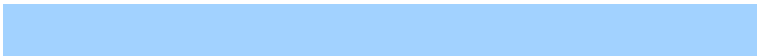
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



203.1330, 22.1194, 45.4874



197.6650, -35.8238, -36.5402



200.7780, 26.7314, -34.0083

Square

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



197.6650, -35.8238, -36.5402



169.9500, 41.9297, -149.0461



214.4860, 19.9734, 33.7768



195.5340, -29.8433, 52.1517

Rectangle

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



197.6650, -35.8238, -36.5402



167.6070, 25.3367, -146.9913



214.4860, 19.9734, 33.7768



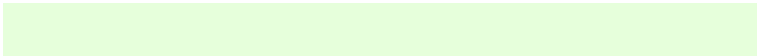
195.6380, 6.0945, 52.0605

Sweetspot

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



197.6650, -35.8238, -36.5402



243.4210, -12.0396, -11.7702



201.9040, -37.9137, 27.2712



120.7080, -7.2510, -7.6369



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.



197.6650, -35.8238, -36.5402



208.2000, -47.4266, -48.4104



190.9040, -21.6447, -57.7978



113.3540, -3.6255, -3.8185



121.7950, -60.0449, -61.2102



36.1830, -17.8382, -18.5775

Inverse Universe

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



160.3350, 35.8238, 36.5402



158.8000, 47.4266, 48.4104



167.0960, 21.6447, 57.7978



109.6460, 3.6255, 3.8185



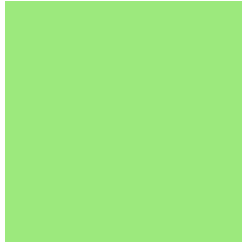
59.2050, 60.0449, 61.2102



17.5180, 17.9856, 17.9627

Previews

White Background



This preview shows how the YUV color 197.6650, -35.8238, -36.5402 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 197.6650, -35.8238, -36.5402 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 197.6650, -35.8238, -36.5402 Background



This preview shows how black text looks on a background with the YUV color 197.6650, -35.8238, -36.5402.



This preview shows how white text looks on a background with the YUV color 197.6650, -35.8238, -36.5402.

-36.5402.

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

197.6650, -35.8238, -36.5402

Protanopia

208.4490, -44.5914, 22.4082

Deuteranopia

211.0240, -36.4938, 38.5670



Tritanopia

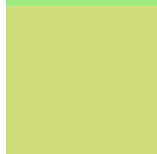
208.5970, 14.4957, -29.4646

Trichromacy



Original Color

197.6650, -35.8238, -36.5402



Protanomaly

204.5280, -41.1793, 1.2909



Deuteranomaly

206.2610, -36.1177, 11.1721



Tritanomaly

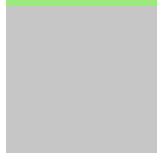
204.7650, -3.8281, -32.2429

Monochromacy



Original Color

197.6650, -35.8238, -36.5402



Achromatopsia

198.0000, 0.0000, 0.0000



Achromatomaly

198.0680, -13.3445, -13.2146

CSS Examples

Text

The CSS property to change the color of the text to YUV 197.6650, -35.8238, -36.5402 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(156, 233, 125)` looks like.

```
.text, #text, p{  
    color:rgb(156, 233, 125)  
}
```

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(156, 233, 125) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(156, 233, 125) }
```

Border

The CSS property to change the border of an element to YUV 197.6650, -35.8238, -36.5402 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(156, 233, 125) }
```


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

```
.border{ border-color:rgb(156, 233, 125) }
```

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

Here you see how a box with a 4 pixel `rgb(156, 233, 125)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(156, 233, 125); -webkit-box-  
shadow:4px 4px 4px 4px rgb(156, 233, 125);  
box-shadow:4px 4px 4px 4px rgb(156, 233,  
125) }
```

Background

The CSS property to change the background color of an element to YUV 197.6650, -35.8238, -36.5402 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(156, 233, 125) }
```

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

```
.background{ background-color: rgb(156,  
233, 125) }
```

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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