

Converting Colors

YUV(212.6550, -57.5109,
-33.9004)

Have a look what the booklet for
YUV(212.6550, -57.5109, -33.9004)
contains.

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Color

**YUV(212.6550, -57.5109,
-33.9004)**

Conversions

Conversions Part 1

Format	Color
Hex	AEFF60
RGB	174, 255, 96
RGB Percent	68%, 100%, 38%
CMY	0.3176, 0.0000, 0.6235
CMYK	0.32, 0.00, 0.62, 0.00
HSL	91°, 100%, 69%
HSV	91°, 62%, 100%
XYZ	55.3269, 81.3632, 23.8550
YIQ	212.6550, 2.7630, -66.6210

Conversions

Conversions Part 2

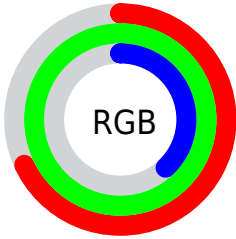
Format	Color
RYB	96, 255, 177
Decimal	11468640
CIELab	92.29, -49.30, 66.14
CIElCh	92, 82.495, 126.699
Yxy	81.3632, 0.3446, 0.5068
Android (android.graphics.Color)	4289658720 (0xFFAEFF60)
YUV	212.6550, -57.5109, -33.9004
Hunter-Lab	90.2016, -48.3663, 47.4611

Details

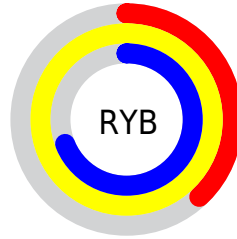
The YUV color **212.6550, -57.5109, -33.9004** is a light color, and the websafe version is hex **99FF66**. A complement of this color would be **138.3450, 57.5109, 33.9004**, and the grayscale version is **213.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **236.6800, -41.7472, -3.2274**, and **154.9000, -59.1107, -34.1153** is the 20% darker color. If you saturate the color by 10%, you get **205.9180, -66.5146, -39.3931**, and if you desaturate by 10%, it is **219.5060, -48.0705, -28.5078**.

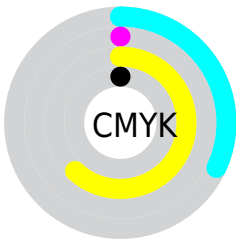
Distribution



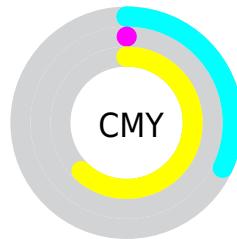
- Red (68%)
- Green (100%)
- Blue (38%)



- Red (38%)
- Yellow (100%)
- Blue (69%)



- Cyan (32%)
- Magenta (0%)
- Yellow (62%)
- Black (0%)



- Cyan (32%)
- Magenta (0%)
- Yellow (62%)

Brightness & Saturation Gradients

These gradients show how the YUV color 212.6550, -57.5109, -33.9004 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 212.6550, -57.5109, -33.9004 by changing the saturation by 10% instead.

■ 212.6550,
-57.5109, -33.9004

■ 212.6550,
-57.5109, -33.9004

255.0000, 0.0000,
0.0000

■ 183.6550,
-57.5109, -33.9004

■ 236.6800,
-41.7472, -3.2274

■ 154.9000,
-59.1107, -34.1153

■ 246.5640,
-32.3231, 7.3984

■ 125.8030,
-62.0209, -34.0302

■ 249.7560,
-20.0927, 4.5990

■ 100.6850,
-49.6377, -39.1887

■ 253.1760, -6.9888,
1.5996

■ 73.7620, -36.3647,
-49.7803

■ 54.0040, -26.6240,
-47.3615

■ 39.3290, -19.3892,

-34.4915

■ 26.4150, -13.0226,
-23.1660

■ 8.8050, -4.3409,
-7.7220

■ 212.6550,
-57.5109, -33.9004

■ 212.6550,
-57.5109, -33.9004

■ 205.9180,
-66.5146, -39.3931

■ 219.5060,
-48.0705, -28.5078

■ 199.0670,
-75.9550, -44.7858

■ 226.2430,
-39.0668, -23.0151

■ 192.3300,
-84.9587, -50.2784

■ 233.0940,
-29.6263, -17.6224

■ 187.0600,
-92.2206, -54.4266

■ 239.8310,
-20.6227, -12.1298

■ 246.6820,
-11.1822, -6.7371

■ 253.4190, -2.1786,
-1.2445

255.0000, 0.0000,
0.0000

Harmonies

Analogous

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



220.5740, -81.1350, 30.1916



212.6550, -57.5109, -33.9004



168.7230, -0.8494, -147.9701

Triad

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



212.6550, -57.5109, -33.9004



178.7550, 37.5888, -156.7681



193.8430, 11.9094, 53.6347

Complementary

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



212.6550, -57.5109, -33.9004



138.3450, 57.5109, 33.9004

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.



205.6920, 24.3088, 43.2431



212.6550, -57.5109, -33.9004



193.9140, 30.1154, -92.8866

Square

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



212.6550, -57.5109, -33.9004



178.7550, 37.5888, -156.7681



225.0630, 14.7589, 26.2547



194.5710, -25.9175, 52.9962

Rectangle

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



212.6550, -57.5109, -33.9004



174.8790, 22.7377, -153.3689



225.0630, 14.7589, 26.2547



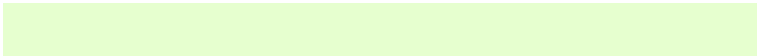
197.5080, 23.4136, 50.4205

Sweetspot

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



212.6550, -57.5109, -33.9004



242.0530, -17.2811, -10.5705



190.5010, -46.5890, 56.5656



120.0950, -10.8928, -6.2223



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.



212.6550, -57.5109, -33.9004



204.2230, -69.1299, -40.5376



189.3330, -46.0132, -81.8530



124.4250, -4.6465, -3.0037



140.2230, -69.1299, -40.5376



46.8370, -23.0906, -13.8890

Inverse Universe

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



138.3450, 57.5109, 33.9004



114.7770, 69.1299, 40.5376



161.6670, 46.0132, 81.8530



118.2760, 4.7939, 2.3889



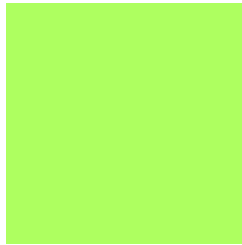
50.7770, 69.1299, 40.5376



16.8640, 23.2380, 13.2743

Previews

White Background



This preview shows how the YUV color 212.6550, -57.5109, -33.9004 looks on a white background.

Color Contrast Check

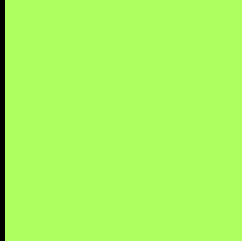
Large Text (above 18pt) WCAG AA × Fail

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 212.6550, -57.5109, -33.9004 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

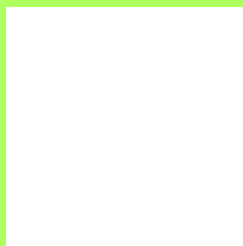
Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 212.6550, -57.5109, -33.9004 Background



This preview shows how black text looks on a background with the YUV color 212.6550, -57.5109, -33.9004.



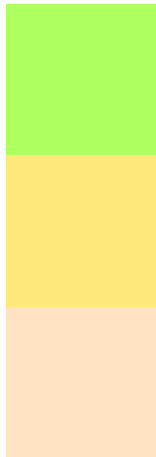
This preview shows how white text looks on a background with the YUV color 212.6550, -57.5109, -33.9004.

-33.9004.

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

212.6550, -57.5109, -33.9004

Protanopia

226.3370, -51.4381, 25.1375

Deuteranopia

231.6100, -18.5417, 20.5130



Tritanopia

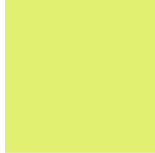
228.8750, 12.8796, -24.4464

Trichromacy



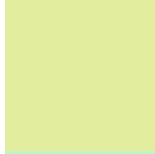
Original Color

212.6550, -57.5109, -33.9004



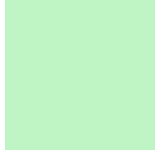
Protanomaly

221.3360, -53.4096, 4.0903



Deuteranomaly

224.7050, -32.8856, 1.1357



Tritanomaly

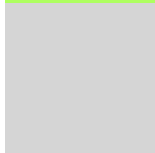
222.7950, -12.7169, -27.8842

Monochromacy



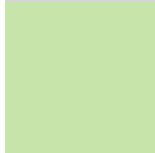
Original Color

212.6550, -57.5109, -33.9004



Achromatopsia

213.0000, 0.0000, 0.0000



Achromatomaly

212.7170, -21.0595, -12.0298

CSS Examples

Text

The CSS property to change the color of the text to YUV 212.6550, -57.5109, -33.9004 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(174, 255, 96)` looks like.

```
.text, #text, p{  
    color:rgb(174, 255, 96)  
}
```

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(174, 255, 96) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(174, 255, 96) }
```

Border

The CSS property to change the border of an element to YUV 212.6550, -57.5109, -33.9004 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(174, 255, 96) }
```


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

```
.border{ border-color:rgb(174, 255, 96) }
```

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

Here you see how a box with a 4 pixel `rgb(174, 255, 96)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(174, 255, 96); -webkit-box-  
shadow:4px 4px 4px 4px rgb(174, 255, 96);  
box-shadow:4px 4px 4px 4px rgb(174, 255,  
96) }
```

Background

The CSS property to change the background color of an element to YUV 212.6550, -57.5109, -33.9004 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(174, 255, 96) }
```

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

```
.background{ background-color: rgb(174,  
255, 96) }
```

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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