

Converting Colors

YUV(206.8600, -55.1470,
-45.4812)

Have a look what the booklet for
YUV(206.8600, -55.1470, -45.4812)
contains.

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Color

**YUV(206.8600, -55.1470,
-45.4812)**

Conversions

Conversions Part 1

Format	Color
Hex	9BFF5F
RGB	155, 255, 95
RGB Percent	61%, 100%, 37%
CMY	0.3922, 0.0000, 0.6275
CMYK	0.39, 0.00, 0.63, 0.00
HSL	98°, 100%, 69%
HSV	98°, 63%, 100%
XYZ	51.3431, 79.3148, 23.4297
YIQ	206.8600, -8.2400, -70.9600

Conversions

Conversions Part 2

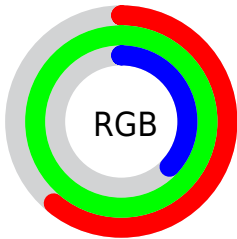
Format	Color
RYB	95, 255, 195
Decimal	10223455
CIELab	91.38, -55.62, 65.28
CIElCh	91, 85.765, 130.430
Yxy	79.3148, 0.3332, 0.5147
Android (android.graphics.Color)	4288413535 (0xFF9BFF5F)
YUV	206.8600, -55.1470, -45.4812
Hunter-Lab	89.0588, -52.9463, 46.7431

Details

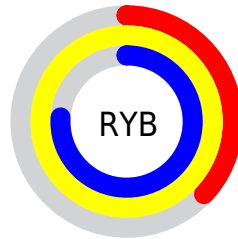
The YUV color $206.8600, -55.1470, -45.4812$ is a light color, and the websafe version is hex $99FF66$. The color can be described as light muted chartreuse. A complement of this color would be $143.1400, 55.1470, 45.4812$, and the grayscale version is $207.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $230.8850, -39.3833, -14.8081$, and $148.2190, -56.3100, -45.7961$ is the 20% darker color. If you saturate the color by 10%, you get $199.1120, -64.1452, -52.7182$, and if you desaturate by 10%, it is $214.6080, -46.1487, -38.2442$.

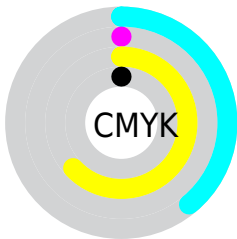
Distribution



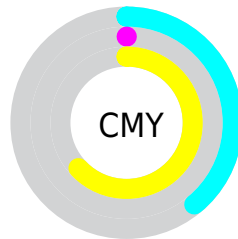
- Red (61%)
- Green (100%)
- Blue (37%)



- Red (37%)
- Yellow (100%)
- Blue (76%)



- Cyan (39%)
- Magenta (0%)
- Yellow (63%)
- Black (0%)



- Cyan (39%)
- Magenta (0%)
- Yellow (63%)

Brightness & Saturation Gradients

These gradients show how the YUV color 206.8600, -55.1470, -45.4812 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 206.8600, -55.1470, -45.4812 by changing the saturation by 10% instead.

■ 206.8600,
-55.1470, -45.4812

■ 206.8600,
-55.1470, -45.4812

■ 255.0000, 0.0000,
0.0000

■ 177.5610,
-54.9996, -46.0960

■ 230.8850,
-39.3833, -14.8081

■ 148.2190,
-56.3100, -45.7961

■ 243.3460,
-31.7226, 1.4506

■ 118.9260,
-58.6305, -48.1701

■ 249.6420,
-20.5295, 4.6990

■ 90.8180, -44.7733,
-59.4764

■ 253.0620, -7.4256,
1.6996

■ 68.0920, -33.5694,
-59.7167

■ 53.4170, -26.3346,
-46.8467

■ 38.7420, -19.0998,

-33.9767

■ 25.2410, -12.4438,
-22.1364

■ 5.2830, -2.6045,
-4.6332

■ 206.8600,
-55.1470, -45.4812

■ 206.8600,
-55.1470, -45.4812

■ 199.1120,
-64.1452, -52.7182

■ 214.6080,
-46.1487, -38.2442

■ 191.4780,
-72.7067, -60.0552

■ 222.2420,
-37.5873, -30.9072

■ 183.7300,
-81.7049, -67.2922

■ 229.9900,
-28.5891, -23.6702

■ 178.3890,
-87.9458, -72.2552

■ 237.6240,
-20.0276, -16.3332

■ 245.3720,
-11.0294, -9.0962

■ 253.0060, -2.4680,
-1.7593

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.



215.9880, -85.7761, 25.4435



206.8600, -55.1470, -45.4812



169.2930, 1.3346, -148.4700

Triad

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



206.8600, -55.1470, -45.4812



178.1680, 37.8782, -156.2533



188.2520, 8.2568, 58.5380

Complementary

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



206.8600, -55.1470, -45.4812



143.1400, 55.1470, 45.4812

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.



200.4090, 26.9134, 47.8763



206.8600, -55.1470, -45.4812



196.3720, 28.9036, -77.5022

Square

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



206.8600, -55.1470, -45.4812



178.7550, 37.5888, -156.7681



220.3670, 17.0741, 30.3731



191.6870, -31.8907, 55.5255

Rectangle

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



206.8600, -55.1470, -45.4812



175.7910, 26.2320, -154.1687



220.3670, 17.0741, 30.3731



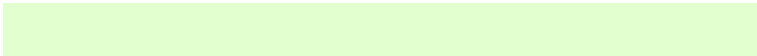
190.8570, 20.7765, 56.2534

Sweetspot

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



206.8600, -55.1470, -45.4812



240.5580, -16.5441, -13.6444



200.9530, -52.2348, 47.3992



118.8990, -10.3032, -8.6814



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.



206.8600, -55.1470, -45.4812



197.3460, -65.7396, -54.6774



191.0860, -38.0034, -84.2674



124.1260, -4.4991, -3.6185



133.6450, -65.8870, -54.0627



44.7440, -22.0588, -18.1925

Inverse Universe

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



143.1400, 55.1470, 45.4812



121.3550, 65.8870, 54.0627



158.9140, 38.0034, 84.2674



118.8740, 4.4991, 3.6185



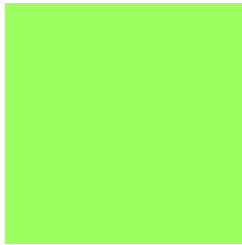
57.6540, 65.7396, 54.6774



19.2560, 22.0588, 18.1925

Previews

White Background



This preview shows how the YUV color 206.8600, -55.1470, -45.4812 looks on a white background.

Color Contrast Check

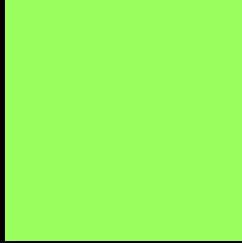
Large Text (above 18pt) WCAG AA × Fail

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 206.8600, -55.1470, -45.4812 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

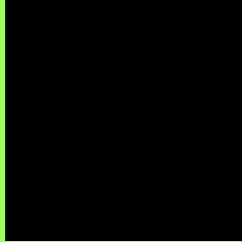
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

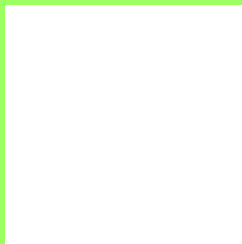
Any Text WCAG AAA ✓ Pass

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

YUV 206.8600, -55.1470, -45.4812 Background



This preview shows how black text looks on a background with the YUV color 206.8600, -55.1470, -45.4812.



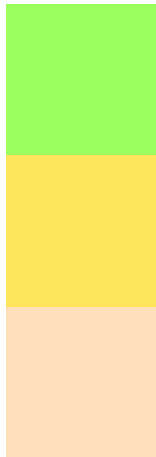
This preview shows how white text looks on a background with the YUV color 206.8600, -55.1470, -45.4812.

-45.4812.

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

206.8600, -55.1470, -45.4812

Protanopia

221.1560, -63.6739, 29.6812

Deuteranopia

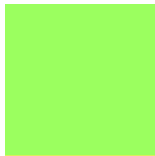
228.9370, -21.1679, 22.8573



Tritanopia

224.6890, 14.9433, -33.0533

Trichromacy



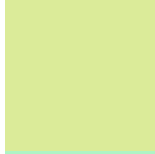
Original Color

206.8600, -55.1470, -45.4812



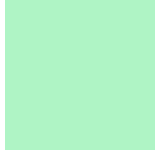
Protanomaly

215.7890, -60.5350, 2.8160



Deuteranomaly

220.8680, -33.4589, -1.6382



Tritanomaly

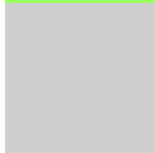
218.0110, -10.3584, -37.7206

Monochromacy



Original Color

206.8600, -55.1470, -45.4812



Achromatopsia

207.0000, 0.0000, 0.0000



Achromatomaly

206.6240, -20.0276, -16.3332

CSS Examples

Text

The CSS property to change the color of the text to YUV 206.8600, -55.1470, -45.4812 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(155, 255, 95)` looks like.

```
.text, #text, p{  
    color:rgb(155, 255, 95)  
}
```

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(155, 255, 95) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(155, 255, 95) }
```

Border

The CSS property to change the border of an element to YUV 206.8600, -55.1470, -45.4812 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(155, 255, 95) }
```


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

```
.border{ border-color:rgb(155, 255, 95) }
```

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

Here you see how a box with a 4 pixel `rgb(155, 255, 95)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(155, 255, 95); -webkit-box-  
shadow:4px 4px 4px 4px rgb(155, 255, 95);  
box-shadow:4px 4px 4px 4px rgb(155, 255,  
95) }
```

Background

The CSS property to change the background color of an element to YUV 206.8600, -55.1470, -45.4812 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(155, 255, 95) }
```

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

```
.background{ background-color: rgb(155,  
255, 95) }
```

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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