

Converting Colors

YUV(206.3890, -60.8308,
-42.4372)

Have a look what the booklet for
YUV(206.3890, -60.8308, -42.4372)
contains.

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Color

**YUV(206.3890, -60.8308,
-42.4372)**

Conversions

Conversions Part 1

Format	Color
Hex	9EFF53
RGB	158, 255, 83
RGB Percent	62%, 100%, 33%
CMY	0.3804, 0.0000, 0.6745
CMYK	0.38, 0.00, 0.67, 0.00
HSL	94°, 100%, 66%
HSV	94°, 67%, 100%
XYZ	51.4219, 79.4136, 20.8018
YIQ	206.3890, -2.6000, -74.0560

Conversions

Conversions Part 2

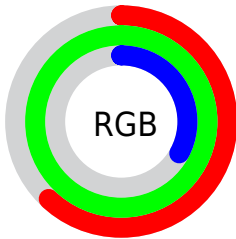
Format	Color
RYB	83, 255, 180
Decimal	10420051
CIELab	91.42, -55.60, 70.02
CIElCh	91, 89.413, 128.454
Yxy	79.4136, 0.3391, 0.5237
Android (android.graphics.Color)	4288610131 (0xFF9EFF53)
YUV	206.3890, -60.8308, -42.4372
Hunter-Lab	89.1143, -52.9497, 48.5401

Details

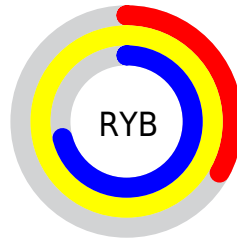
The YUV color $206.3890, -60.8308, -42.4372$ is a light color, and the websafe version is hex $99FF66$. The color can be described as light muted chartreuse. A complement of this color would be $131.6110, 60.8308, 42.4372$, and the grayscale version is $207.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $230.8270, -44.7777, -11.2493$, and $146.4400, -68.2509, -42.4819$ is the 20% darker color. If you saturate the color by 10%, you get $199.2390, -70.1238, -48.4446$, and if you desaturate by 10%, it is $213.4250, -51.9745, -36.3297$.

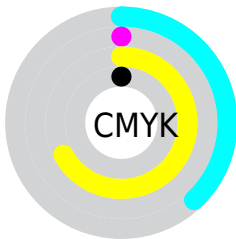
Distribution



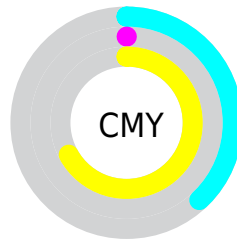
- Red (62%)
- Green (100%)
- Blue (33%)



- Red (33%)
- Yellow (100%)
- Blue (71%)



- Cyan (38%)
- Magenta (0%)
- Yellow (67%)
- Black (0%)



- Cyan (38%)
- Magenta (0%)
- Yellow (67%)

Brightness & Saturation Gradients

These gradients show how the YUV color 206.3890, -60.8308, -42.4372 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 206.3890, -60.8308, -42.4372 by changing the saturation by 10% instead.

■ 206.3890,
-60.8308, -42.4372

■ 206.3890,
-60.8308, -42.4372

255.0000, 0.0000,
0.0000

■ 176.8620,
-61.5570, -42.8520

■ 230.8270,
-44.7777, -11.2493

■ 146.4400,
-68.2509, -42.4819

■ 243.1030,
-36.5328, 4.2947

■ 119.8230,
-59.0727, -46.3258

■ 248.5020,
-24.8975, 5.6987

■ 92.0140, -45.3629,
-57.0173

■ 251.8080,
-12.2303, 2.7994

■ 68.0920, -33.5694,
-59.7167

■ 53.4170, -26.3346,
-46.8467

■ 38.7420, -19.0998,

-33.9767

■ 25.8280, -12.7332,
-22.6512

■ 5.8700, -2.8939,
-5.1480

■ 206.3890,
-60.8308, -42.4372

■ 206.3890,
-60.8308, -42.4372

■ 199.2390,
-70.1238, -48.4446

■ 213.4250,
-51.9745, -36.3297

■ 191.9040,
-78.8327, -55.1668

■ 220.8740,
-42.8289, -29.7075

■ 184.8680,
-87.6889, -61.2742

■ 228.0240,
-33.5358, -23.7000

■ 182.8740,
-90.1569, -63.0335

■ 235.3590,
-24.8270, -16.9778

■ 242.5090,
-15.5339, -10.9704

■ 249.5450, -6.6777,
-4.8630

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.



214.6870, -95.9807, 31.8465



206.3890, -60.8308, -42.4372



168.3810, -2.1598, -147.6701

Triad

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



206.3890, -60.8308, -42.4372



178.7550, 37.5888, -156.7681



185.3000, 12.1771, 61.1269

Complementary

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



206.3890, -60.8308, -42.4372



131.6110, 60.8308, 42.4372

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.



198.6480, 27.7815, 49.4207



206.3890, -60.8308, -42.4372



183.7920, 35.1055, -106.8116

Square

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



206.3890, -60.8308, -42.4372



178.7550, 37.5888, -156.7681



220.9540, 16.7847, 29.8583



188.8660, -30.0069, 57.9995

Rectangle

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



206.3890, -60.8308, -42.4372



175.1070, 23.6112, -153.5688



220.9540, 16.7847, 29.8583



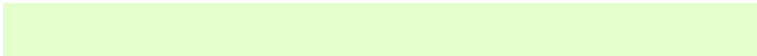
188.6060, 24.8442, 58.2275

Sweetspot

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



206.3890, -60.8308, -42.4372



240.5150, -18.0019, -12.7297



190.1930, -52.8461, 56.8357



119.0840, -10.8874, -7.9667



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.



206.3890, -60.8308, -42.4372



196.7180, -73.3180, -50.6187



184.9900, -45.8441, -89.4452



124.1260, -4.4991, -3.6185



136.9340, -67.5085, -47.3001



45.9400, -22.6484, -15.7334

Inverse Universe

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



131.6110, 60.8308, 42.4372



106.5810, 73.1706, 51.2335



153.0100, 45.8441, 89.4452



118.5750, 4.6465, 3.0037



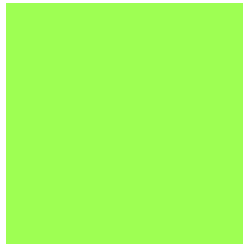
54.0660, 67.5085, 47.3001



18.0600, 22.6484, 15.7334

Previews

White Background



This preview shows how the YUV color 206.3890, -60.8308, -42.4372 looks on a white background.

Color Contrast Check

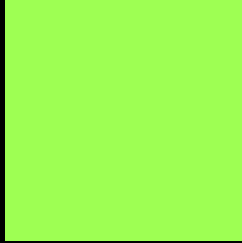
Large Text (above 18pt) WCAG AA × Fail

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 206.3890, -60.8308, -42.4372 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 206.3890, -60.8308, -42.4372 Background



This preview shows how black text looks on a background with the YUV color 206.3890, -60.8308, -42.4372.



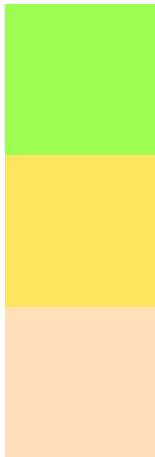
This preview shows how white text looks on a background with the YUV color 206.3890, -60.8308, -42.4372.

-42.4372.

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

206.3890, -60.8308, -42.4372

Protanopia

221.2700, -63.2371, 29.5812

Deuteranopia

228.8230, -21.6047, 22.9572



Tritanopia

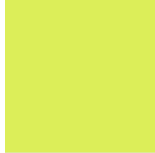
225.2870, 14.6485, -31.8237

Trichromacy



Original Color

206.3890, -60.8308, -42.4372



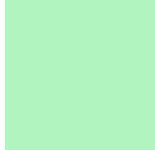
Protanomaly

215.6320, -62.4296, 3.8307



Deuteranomaly

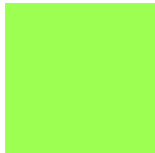
220.5970, -35.7903, -0.5236



Tritanomaly

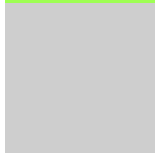
218.3380, -12.9846, -35.3764

Monochromacy



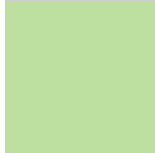
Original Color

206.3890, -60.8308, -42.4372



Achromatopsia

206.0000, 0.0000, 0.0000



Achromatomaly

206.3530, -22.3590, -15.2186

CSS Examples

Text

The CSS property to change the color of the text to YUV 206.3890, -60.8308, -42.4372 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(158, 255, 83)` looks like.

```
.text, #text, p{  
    color:rgb(158, 255, 83)  
}
```

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(158, 255, 83) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(158, 255, 83) }
```

Border

The CSS property to change the border of an element to YUV 206.3890, -60.8308, -42.4372 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(158, 255, 83) }
```


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

```
.border{ border-color:rgb(158, 255, 83) }
```

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

Here you see how a box with a 4 pixel rgb(158, 255, 83) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(158, 255, 83); -webkit-box-  
shadow:4px 4px 4px 4px rgb(158, 255, 83);  
box-shadow:4px 4px 4px 4px rgb(158, 255,  
83) }
```

Background

The CSS property to change the background color of an element to YUV 206.3890, -60.8308, -42.4372 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(158, 255, 83) }
```

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

```
.background{ background-color: rgb(158,  
255, 83) }
```

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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