

Converting Colors

YUV(193.2810, -60.2845,
-30.9414)

Have a look what the booklet for
YUV(193.2810, -60.2845, -30.9414)
contains.

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Color

**YUV(193.2810, -60.2845,
-30.9414)**

Conversions

Conversions Part 1

Format	Color
Hex	9EEB47
RGB	158, 235, 71
RGB Percent	62%, 92%, 28%
CMY	0.3804, 0.0784, 0.7216
CMYK	0.33, 0.00, 0.70, 0.08
HSL	88°, 80%, 60%
HSV	88°, 70%, 92%
XYZ	44.9462, 67.1407, 16.5518
YIQ	193.2810, 6.7520, -67.3280

Conversions

Conversions Part 2

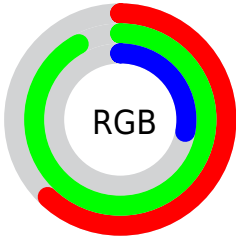
Format	Color
RYB	71, 235, 148
Decimal	10414919
CIELab	85.57, -48.28, 68.39
CIElCh	86, 83.715, 125.221
Yxy	67.1407, 0.3494, 0.5219
Android (android.graphics.Color)	4288604999 (0xFF9EEB47)
YUV	193.2810, -60.2845, -30.9414
Hunter-Lab	81.9394, -45.4814, 45.3810

Details

The YUV color **193.2810, -60.2845, -30.9414** 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 **112.7190, 60.2845, 30.9414**, and the grayscale version is **194.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **229.1600, -49.8719, -10.6643**, and **134.9730, -66.5417, -30.6713** is the 20% darker color. If you saturate the color by 10%, you get **187.3700, -68.7094, -35.4045**, and if you desaturate by 10%, it is **199.1920, -51.8597, -26.4784**.

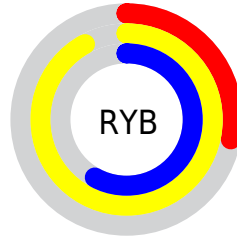
Distribution



Red (62%)

Green (92%)

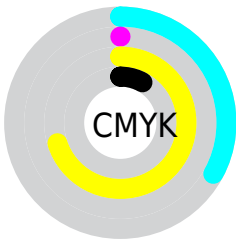
Blue (28%)



Red (28%)

Yellow (92%)

Blue (58%)

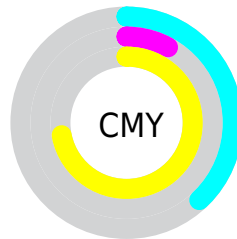


Cyan (33%)

Magenta (0%)

Yellow (70%)

Black (8%)



Cyan (38%)

Magenta (8%)

Yellow (72%)

Brightness & Saturation Gradients

These gradients show how the YUV color 193.2810, -60.2845, -30.9414 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 193.2810, -60.2845, -30.9414 by changing the saturation by 10% instead.

■ 193.2810,
-60.2845, -30.9414

■ 193.2810,
-60.2845, -30.9414

255.0000, 0.0000,
0.0000

■ 164.5260,
-61.8843, -31.1563

■ 229.1600,
-49.8719, -10.6643

■ 134.9730,
-66.5417, -30.6713

■ 241.3220,
-42.0637, 4.9796

■ 110.1540,
-54.3059, -35.2151

■ 247.0200,
-30.5759, 6.9985

■ 84.4380, -41.6279,
-41.6031

■ 250.3260,
-17.9087, 4.0991

■ 58.1130, -28.6497,
-50.9651

■ 253.6320, -5.2416,
1.1997

■ 44.0250, -21.7043,
-38.6099

■ 29.9370, -14.7589,

-26.2547

■ 16.4360, -8.1029,
-14.4144

■ 0.0000, 0.0000,
0.0000

■ 193.2810,
-60.2845, -30.9414

■ 193.2810,
-60.2845, -30.9414

■ 187.3700,
-68.7094, -35.4045

■ 199.1920,
-51.8597, -26.4784

■ 181.3450,
-77.5711, -39.7676

■ 205.2170,
-42.9980, -22.1153

■ 175.3200,
-86.4328, -44.1306

■ 211.1280,
-34.5731, -17.6523

■ 217.1530,
-25.7114, -13.2892

■ 223.0640,
-17.2866, -8.8261

■ 229.0890, -8.4249,
-4.4631

■ 235.1140, 0.4368,
-0.1000

■ 240.5690, 7.1145,
4.7630

■ 243.2600, 5.7878,
10.2960

Harmonies

Analogous

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



200.7720, -88.1346, 35.2800



193.2810, -60.2845, -30.9414



161.4050, -8.5807, -141.5522

Triad

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



193.2810, -60.2845, -30.9414



169.9500, 41.9297, -149.0461



178.6320, 12.0134, 66.9747

Complementary

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



193.2810, -60.2845, -30.9414



112.7190, 60.2845, 30.9414

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.



194.5390, 29.8073, 53.0243



193.2810, -60.2845, -30.9414



157.6230, 48.0069, -138.2354

Square

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



193.2810, -60.2845, -30.9414



175.2330, 39.3251, -153.6793



208.5060, 22.9215, 21.4812



179.9470, -26.1029, 65.8215

Rectangle

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



193.2810, -60.2845, -30.9414



169.3220, 14.1383, -148.4954



208.5060, 22.9215, 21.4812



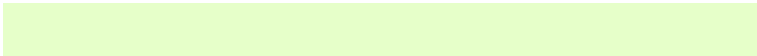
182.8840, 23.2282, 63.2457

Sweetspot

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



193.2810, -60.2845, -30.9414



241.3690, -19.9019, -9.9706



165.2350, -46.4579, 61.1839



119.8670, -11.7664, -6.0224



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.



193.2810, -60.2845, -30.9414



200.4050, -78.5867, -40.6972



168.7630, -48.1972, -81.3532



114.2510, -4.0677, -1.9741



134.9510, -66.5308, -34.1600



40.0700, -19.7545, -10.5854

Inverse Universe

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



112.7190, 60.2845, 30.9414



95.2960, 78.7341, 40.0824



137.2370, 48.1972, 81.3532



108.7490, 4.0677, 1.9741



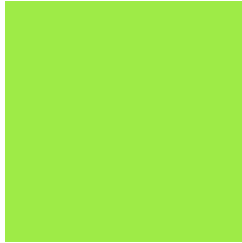
46.0490, 66.5308, 34.1600



13.6310, 19.9019, 9.9706

Previews

White Background



This preview shows how the YUV color 193.2810, -60.2845, -30.9414 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 193.2810, -60.2845, -30.9414 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

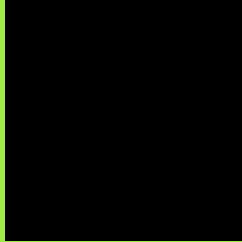
Any Text WCAG AA ✓ Pass

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 193.2810, -60.2845, -30.9414 Background



This preview shows how black text looks on a background with the YUV color 193.2810, -60.2845, -30.9414.



This preview shows how white text looks on a background with the YUV color 193.2810, -60.2845, -30.9414.

-30.9414.

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

193.2810, -60.2845, -30.9414

Protanopia

203.9020, -68.4787, 30.7809

Deuteranopia

210.8300, -42.3142, 38.7371



Tritanopia

209.3910, 13.6112, -25.7759

Trichromacy



Original Color

193.2810, -60.2845, -30.9414

Protanomaly

200.1550, -65.6454, 8.6341

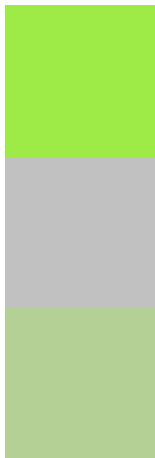
Deuteranomaly

204.5420, -49.0742, 13.5567

Tritanomaly

203.6810, -13.1537, -27.7842

Monochromacy



Original Color

193.2810, -60.2845, -30.9414

Achromatopsia

193.0000, 0.0000, 0.0000

Achromatomaly

192.9020, -21.6437, -11.3151

CSS Examples

Text

The CSS property to change the color of the text to YUV 193.2810, -60.2845, -30.9414 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, 235, 71)` looks like.

```
.text, #text, p{  
    color:rgb(158, 235, 71)  
}
```

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, 235, 71) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(158, 235, 71) }
```

Border

The CSS property to change the border of an element to YUV 193.2810, -60.2845, -30.9414 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, 235, 71) }
```


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

```
.border{ border-color:rgb(158, 235, 71) }
```

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

Here you see how a box with a 4 pixel `rgb(158, 235, 71)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(158, 235, 71); -webkit-box-  
shadow:4px 4px 4px 4px rgb(158, 235, 71);  
box-shadow:4px 4px 4px 4px rgb(158, 235,  
71) }
```

Background

The CSS property to change the background color of an element to YUV 193.2810, -60.2845, -30.9414 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(158, 235, 71) }
```

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

```
.background{ background-color: rgb(158,  
235, 71) }
```

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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