

Converting Colors

YUV(192.4600, -58.4008,
-28.4674)

Have a look what the booklet for
YUV(192.4600, -58.4008, -28.4674)
contains.

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Color

**YUV(192.4600, -58.4008,
-28.4674)**

Conversions

Conversions Part 1

Format	Color
Hex	A0E84A
RGB	160, 232, 74
RGB Percent	63%, 91%, 29%
CMY	0.3725, 0.0902, 0.7098
CMYK	0.31, 0.00, 0.68, 0.09
HSL	87°, 77%, 60%
HSV	87°, 68%, 91%
XYZ	44.5898, 65.6812, 16.8062
YIQ	192.4600, 7.8060, -64.4020

Conversions

Conversions Part 2

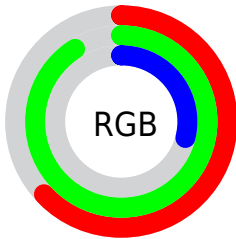
Format	Color
RYB	74, 232, 146
Decimal	10545226
CIELab	84.83, -46.12, 66.57
CIELCh	85, 80.982, 124.714
Yxy	65.6812, 0.3509, 0.5169
Android (android.graphics.Color)	4288735306 (0xFFA0E84A)
YUV	192.4600, -58.4008, -28.4674
Hunter-Lab	81.0440, -43.6174, 44.4357

Details

The YUV color **192.4600, -58.4008, -28.4674** is a light color, and the websafe version is hex **99CC33**. The color can be described as light muted chartreuse. A complement of this color would be **113.5400, 58.4008, 28.4674**, and the grayscale version is **193.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **229.9860, -49.2931, -9.6347**, and **134.1090, -66.1157, -27.2826** is the 20% darker color. If you saturate the color by 10%, you get **186.5490, -66.8257, -32.9305**, and if you desaturate by 10%, it is **198.3710, -49.9759, -24.0044**.

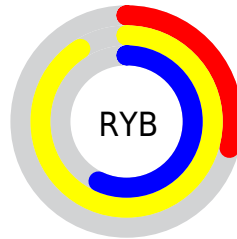
Distribution



Red (63%)

Green (91%)

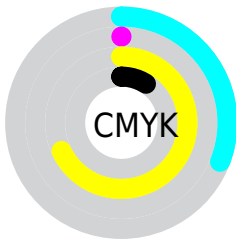
Blue (29%)



Red (29%)

Yellow (91%)

Blue (57%)

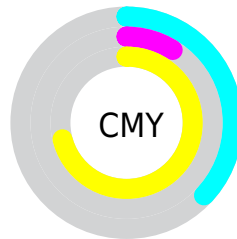


Cyan (31%)

Magenta (0%)

Yellow (68%)

Black (9%)



Cyan (37%)

Magenta (9%)

Yellow (71%)

Brightness & Saturation Gradients

These gradients show how the YUV color 192.4600, -58.4008, -28.4674 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 192.4600, -58.4008, -28.4674 by changing the saturation by 10% instead.

■ 192.4600,
-58.4008, -28.4674

■ 192.4600,
-58.4008, -28.4674

■ 255.0000, 0.0000,
0.0000

■ 163.8190,
-59.5638, -28.7823

■ 229.9860,
-49.2931, -9.6347

■ 134.1090,
-66.1157, -27.2826

■ 241.9630,
-40.9008, 5.2944

■ 109.2900,
-53.8800, -31.8263

■ 247.2480,
-29.7023, 6.7985

■ 84.7590, -41.7862,
-37.4996

■ 250.5540,
-17.0351, 3.8991

■ 56.9390, -28.0709,
-49.9355

■ 253.8600, -4.3680,
0.9998

■ 42.2640, -20.8362,
-37.0655

■ 28.7630, -14.1802,

-25.2252

■ 15.2620, -7.5242,
-13.3848

■ 0.0000, 0.0000,
0.0000

■ 192.4600,
-58.4008, -28.4674

■ 192.4600,
-58.4008, -28.4674

■ 186.5490,
-66.8257, -32.9305

■ 198.3710,
-49.9759, -24.0044

■ 180.9370,
-75.3979, -36.7787

■ 203.9830,
-41.4036, -20.1561

■ 174.9120,
-84.2596, -41.1418

■ 210.0080,
-32.5419, -15.7930

■ 173.8580,
-85.7120, -41.9715

■ 215.6200,
-23.9697, -11.9447

■ 221.5310,
-15.5448, -7.4817

■ 227.1430, -6.9725,
-3.6334

■ 233.0540, 1.4524,
0.8296

■ 238.5090, 8.1301,
5.6926

■ 241.4990, 6.6560,
11.8404

Harmonies

Analogous

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



199.6670, -82.1668, 34.4950



192.4600, -58.4008, -28.4674



158.9430, -7.8599, -139.3930

Triad

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



192.4600, -58.4008, -28.4674



168.1890, 42.7978, -147.5018



179.8060, 11.4346, 65.9451

Complementary

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



192.4600, -58.4008, -28.4674



113.5400, 58.4008, 28.4674

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.



195.1260, 29.5179, 52.5095



192.4600, -58.4008, -28.4674



156.4490, 48.5856, -137.2058

Square

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



192.4600, -58.4008, -28.4674



173.4720, 40.1933, -152.1349



206.7230, 23.8006, 19.5369



180.7620, -25.5187, 65.1067

Rectangle

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



192.4600, -58.4008, -28.4674



167.2190, 13.6960, -146.6511



206.7230, 23.8006, 19.5369



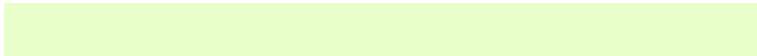
183.9440, 22.2126, 62.3161

Sweetspot

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



192.4600, -58.4008, -28.4674



242.3090, -18.8863, -9.0410



162.9190, -43.8371, 60.5840



120.2800, -11.4770, -5.5076



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.



192.4600, -58.4008, -28.4674



202.7690, -77.2871, -37.5084



169.1380, -46.9030, -76.4200



112.1370, -4.5045, -1.8741



134.0760, -66.0995, -32.5157



38.3090, -18.8863, -9.0410

Inverse Universe

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



113.5400, 58.4008, 28.4674



98.2310, 77.2871, 37.5084



136.8620, 46.9030, 76.4200



106.1620, 4.3571, 2.4889



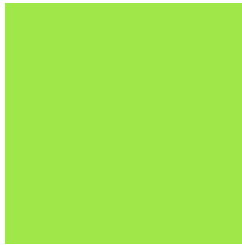
44.6250, 66.2469, 31.9009



12.6910, 18.8863, 9.0410

Previews

White Background



This preview shows how the YUV color 192.4600, -58.4008, -28.4674 looks on a white background.

Color Contrast Check

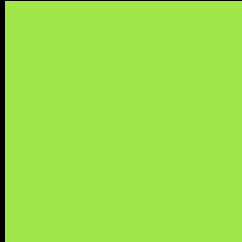
Large Text (above 18pt) WCAG AA × Fail

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 192.4600, -58.4008, -28.4674 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

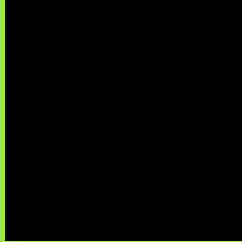
Any Text WCAG AA ✓ Pass

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 192.4600, -58.4008, -28.4674 Background



This preview shows how black text looks on a background with the YUV color 192.4600, -58.4008, -28.4674.



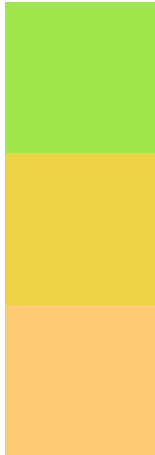
This preview shows how white text looks on a background with the YUV color 192.4600, -58.4008, -28.4674.

-28.4674.

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

192.4600, -58.4008, -28.4674

Protanopia

202.1730, -66.1473, 29.6663

Deuteranopia

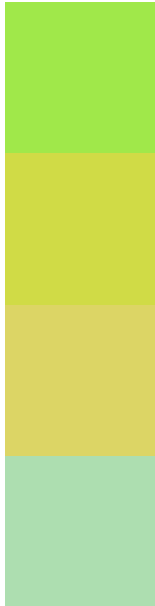
208.0430, -45.3772, 41.1813



Tritanopia

208.1740, 12.7322, -23.8316

Trichromacy



Original Color

192.4600, -58.4008, -28.4674

Protanomaly

198.7250, -63.4614, 8.1342

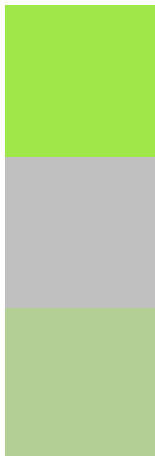
Deuteranomaly

202.3250, -49.9532, 15.5010

Tritanomaly

202.1050, -12.8698, -25.5251

Monochromacy



Original Color

192.4600, -58.4008, -28.4674

Achromatopsia

192.0000, 0.0000, 0.0000

Achromatomaly

192.3150, -21.3543, -10.8003

CSS Examples

Text

The CSS property to change the color of the text to YUV 192.4600, -58.4008, -28.4674 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(160, 232, 74)` looks like.

```
.text, #text, p{  
    color:rgb(160, 232, 74)  
}
```

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(160, 232, 74) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(160, 232, 74) }
```

Border

The CSS property to change the border of an element to YUV 192.4600, -58.4008, -28.4674 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(160, 232, 74) }
```


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

```
.border{ border-color:rgb(160, 232, 74) }
```

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

Here you see how a box with a 4 pixel `rgb(160, 232, 74)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(160, 232, 74); -webkit-box-  
shadow:4px 4px 4px 4px rgb(160, 232, 74);  
box-shadow:4px 4px 4px 4px rgb(160, 232,  
74) }
```

Background

The CSS property to change the background color of an element to YUV 192.4600, -58.4008, -28.4674 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(160, 232, 74) }
```

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

```
.background{ background-color: rgb(160,  
232, 74) }
```

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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