

Converting Colors

YUV(196.3310, -59.3232,
-12.5683)

Have a look what the booklet for
YUV(196.3310, -59.3232, -12.5683)
contains.

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Color

**YUV(196.3310, -59.3232,
-12.5683)**

Conversions

Conversions Part 1

Format	Color
Hex	B6E34C
RGB	182, 227, 76
RGB Percent	71%, 89%, 30%
CMY	0.2863, 0.1098, 0.7020
CMYK	0.20, 0.00, 0.67, 0.11
HSL	78°, 73%, 59%
HSV	78°, 67%, 89%
XYZ	48.0650, 65.4051, 16.9286
YIQ	196.3310, 21.6510, -56.5010

Conversions

Conversions Part 2

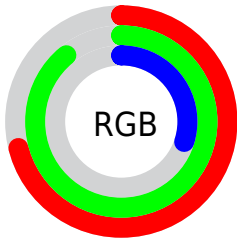
Format	Color
RYB	76, 227, 121
Decimal	11985740
CIELab	84.69, -35.67, 66.06
CIElCh	85, 75.076, 118.363
Yxy	65.4051, 0.3686, 0.5016
Android (android.graphics.Color)	4290175820 (0xFFB6E34C)
YUV	196.3310, -59.3232, -12.5683
Hunter-Lab	80.8734, -35.4416, 44.2006

Details

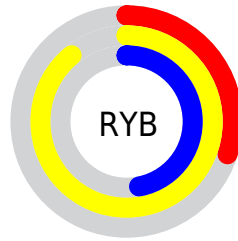
The YUV color **196.3310, -59.3232, -12.5683** is a light color, and the websafe version is hex **99CC33**. The color can be described as light muted chartreuse. A complement of this color would be **106.6690, 59.3232, 12.5683**, and the grayscale version is **197.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **236.7920, -51.6625, 3.6904**, and **137.8660, -67.4749, -11.2835** is the 20% darker color. If you saturate the color by 10%, you get **191.6160, -68.3377, -14.5722**, and if you desaturate by 10%, it is **201.0460, -50.3087, -10.5643**.

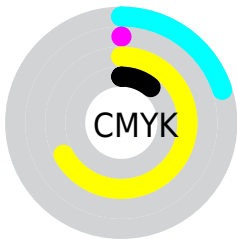
Distribution



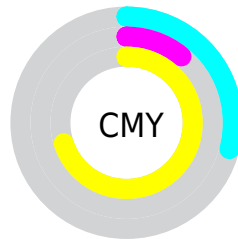
- Red (71%)
- Green (89%)
- Blue (30%)



- Red (30%)
- Yellow (89%)
- Blue (47%)



- Cyan (20%)
- Magenta (0%)
- Yellow (67%)
- Black (11%)



- Cyan (29%)
- Magenta (11%)
- Yellow (70%)

Brightness & Saturation Gradients

These gradients show how the YUV color 196.3310, -59.3232, -12.5683 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 196.3310, -59.3232, -12.5683 by changing the saturation by 10% instead.

■ 196.3310,
-59.3232, -12.5683

■ 196.3310,
-59.3232, -12.5683

255.0000, 0.0000,
0.0000

■ 167.8040,
-60.0494, -12.9831

■ 236.7920,
-51.6625, 3.6904

■ 137.8660,
-67.4749, -11.2835

■ 244.1700,
-41.4958, 9.4979

■ 114.1180,
-56.2602, -15.0125

■ 247.4760,
-28.8287, 6.5985

■ 90.4840, -44.6086,
-18.8415

■ 250.6680,
-16.5983, 3.7992

■ 67.4370, -33.2464,
-23.1852

■ 254.0880, -3.4944,
0.7998

■ 41.9870, -20.6996,
-34.1916

■ 27.5890, -13.6014,

-24.1956

■ 14.6750, -7.2348,
-12.8700

■ 0.0000, 0.0000,
0.0000

■ 196.3310,
-59.3232, -12.5683

■ 196.3310,
-59.3232, -12.5683

■ 191.6160,
-68.3377, -14.5722

■ 201.0460,
-50.3087, -10.5643

■ 187.0150,
-76.9154, -16.6762

■ 205.6470,
-41.7310, -8.4604

■ 182.5990,
-86.0773, -18.0653

■ 210.0630,
-32.5691, -7.0713

■ 180.7900,
-89.1295, -19.1098

■ 214.7780,
-23.5546, -5.0673

■ 219.4930,
-14.5400, -3.0634

■ 224.0940, -5.9623,
-0.9594

■ 228.5100, 3.1996,
0.4297

■ 232.8830, 10.9037,
2.7336

■ 234.9760, 9.8718,
7.0370

Harmonies

Analogous

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



203.2410, -72.5898, 42.7616



196.3310, -59.3232, -12.5683



179.3750, -22.8629, -87.1519

Triad

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



196.3310, -59.3232, -12.5683



168.1890, 42.7978, -147.5018



186.7990, 15.3821, 59.8123

Complementary

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



196.3310, -59.3232, -12.5683



106.6690, 59.3232, 12.5683

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.



201.5830, 26.3346, 46.8467



196.3310, -59.3232, -12.5683



158.7970, 47.4281, -139.2650

Square

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



196.3310, -59.3232, -12.5683



172.8850, 40.4827, -151.6201



204.2430, 25.0232, 0.6639



182.9280, -17.2195, 63.2071

Rectangle

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



196.3310, -59.3232, -12.5683



163.7480, 8.0122, -143.6070



204.2430, 25.0232, 0.6639



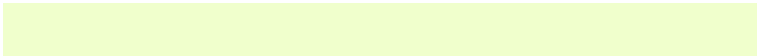
191.2960, 24.9971, 55.8684

Sweetspot

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



196.3310, -59.3232, -12.5683



244.7010, -20.0656, -4.1228



146.3900, -34.7023, 70.6950



121.4760, -12.0667, -3.0485



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.



196.3310, -59.3232, -12.5683



213.5050, -80.1150, -17.1059



174.5040, -48.5625, -57.4470



112.4360, -4.6519, -1.2594



142.4480, -70.2269, -15.3019



40.7010, -20.0656, -4.1228

Inverse Universe

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



106.6690, 59.3232, 12.5683



92.4950, 80.1150, 17.1059



128.4960, 48.5625, 57.4470



105.5640, 4.6519, 1.2594



36.2530, 70.3743, 14.6871



10.2990, 20.0656, 4.1228

Previews

White Background



This preview shows how the YUV color 196.3310, -59.3232, -12.5683 looks on a white background.

Color Contrast Check

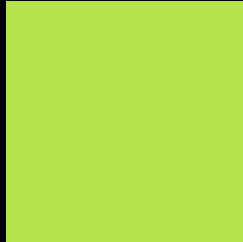
Large Text (above 18pt) WCAG AA × Fail

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 196.3310, -59.3232, -12.5683 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

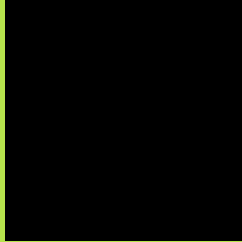
Any Text WCAG AA ✓ Pass

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 196.3310, -59.3232, -12.5683 Background



This preview shows how black text looks on a background with the YUV color 196.3310, -59.3232, -12.5683.



This preview shows how white text looks on a background with the YUV color 196.3310, -59.3232, -12.5683.

-12.5683.

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



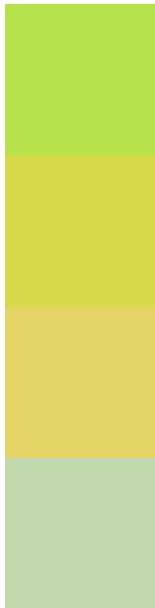
Original Color
196.3310, -59.3232, -12.5683
Protanopia
202.6290, -64.4001, 29.2664
Deuteranopia
208.0430, -45.3772, 41.1813



Tritanopia

210.3500, 9.1945, -9.0769

Trichromacy



Original Color

196.3310, -59.3232, -12.5683

Protanomaly

200.2850, -62.7515, 13.7821

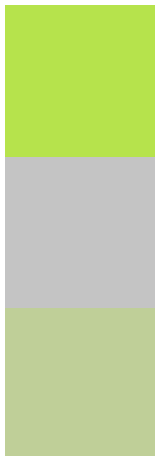
Deuteranomaly

203.5430, -50.5537, 21.4488

Tritanomaly

204.8080, -15.6813, -10.3556

Monochromacy



Original Color

196.3310, -59.3232, -12.5683

Achromatopsia

196.0000, 0.0000, 0.0000

Achromatomaly

195.9460, -21.6654, -4.3376

CSS Examples

Text

The CSS property to change the color of the text to YUV 196.3310, -59.3232, -12.5683 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(182, 227, 76)` looks like.

```
.text, #text, p{  
    color:rgb(182, 227, 76)  
}
```

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(182, 227, 76) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(182, 227, 76) }
```

Border

The CSS property to change the border of an element to YUV 196.3310, -59.3232, -12.5683 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(182, 227, 76) }
```


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

```
.border{ border-color:rgb(182, 227, 76) }
```

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

Here you see how a box with a 4 pixel `rgb(182, 227, 76)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(182, 227, 76); -webkit-box-  
shadow:4px 4px 4px 4px rgb(182, 227, 76);  
box-shadow:4px 4px 4px 4px rgb(182, 227,  
76) }
```

Background

The CSS property to change the background color of an element to YUV 196.3310, -59.3232, -12.5683 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(182, 227, 76) }
```

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

```
.background{ background-color: rgb(182,  
227, 76) }
```

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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