

Converting Colors

YUV(189.3230, -46.9942,
-0.2833)

Have a look what the booklet for
YUV(189.3230, -46.9942, -0.2833)
contains.

YUV(189.3230, -46.9942, -0.2833)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YUV(189.3230, -46.9942,
-0.2833)**

Conversions

Conversions Part 1

Format	Color
Hex	BDD05E
RGB	189, 208, 94
RGB Percent	74%, 82%, 37%
CMY	0.2588, 0.1843, 0.6314
CMYK	0.09, 0.00, 0.55, 0.18
HSL	70°, 55%, 59%
HSV	70°, 55%, 82%
XYZ	45.5625, 56.7387, 19.1399
YIQ	189.3230, 25.2700, -39.4820

Conversions

Conversions Part 2

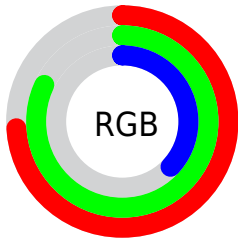
Format	Color
RYB	94, 208, 113
Decimal	12439646
CIELab	80.03, -22.62, 53.54
CIELCh	80, 58.119, 112.903
Yxy	56.7387, 0.3752, 0.4672
Android (android.graphics.Color)	4290629726 (0xFFBDD05E)
YUV	189.3230, -46.9942, -0.2833
Hunter-Lab	75.3251, -23.8482, 37.6621

Details

The YUV color **189.3230, -46.9942, -0.2833** is a light color, and the websafe version is hex **CCCC66**. The color can be described as light muted chartreuse. A complement of this color would be **112.6770, 46.9942, 0.2833**, and the grayscale version is **190.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **240.4100, -45.5581, 5.7794**, and **134.7250, -46.6994, -1.5128** is the 20% darker color. If you saturate the color by 10%, you get **186.0320, -55.7248, -0.0281**, and if you desaturate by 10%, it is **192.6140, -38.2637, -0.5385**.

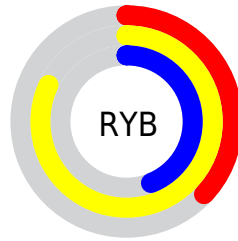
Distribution



Red (74%)

Green (82%)

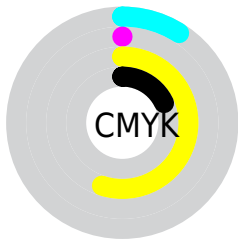
Blue (37%)



Red (37%)

Yellow (82%)

Blue (44%)

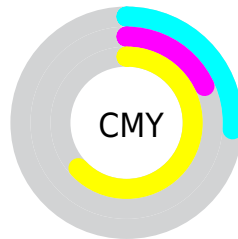


Cyan (9%)

Magenta (0%)

Yellow (55%)

Black (18%)



Cyan (26%)

Magenta (18%)

Yellow (63%)

Brightness & Saturation Gradients

These gradients show how the YUV color 189.3230, -46.9942, -0.2833 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 189.3230, -46.9942, -0.2833 by changing the saturation by 10% instead.

■ 189.3230,
-46.9942, -0.2833

■ 189.3230,
-46.9942, -0.2833

255.0000, 0.0000,
0.0000

■ 161.5510,
-46.1206, -0.4832

■ 240.4100,
-45.5581, 5.7794

■ 134.7250,
-46.6994, -1.5128

■ 245.8800,
-34.9438, 7.9982

■ 107.4000,
-50.4832, -1.2278

■ 249.0720,
-22.7135, 5.1989

■ 84.3810, -41.5998,
-3.8421

■ 252.3780,
-10.0464, 2.2995

■ 62.8180, -30.9693,
-6.8564

■ 41.2440, -20.3333,
-11.6150

■ 19.9580, -9.8393,

-17.5032

■ 0.0000, 0.0000,
0.0000

■ 189.3230,
-46.9942, -0.2833

■ 189.3230,
-46.9942, -0.2833

■ 186.0320,
-55.7248, -0.0281

■ 192.6140,
-38.2637, -0.5385

■ 182.4420,
-64.3079, -0.3876

■ 196.2040,
-29.6806, -0.1789

■ 179.2650,
-72.6016, -0.2324

■ 199.3810,
-21.3868, -0.3341

■ 175.6750,
-81.1848, -0.5920

■ 202.9710,
-12.8037, 0.0254

■ 173.8230,
-85.6947, -0.7218

■ 206.2620, -4.0732,
-0.2298

■ 209.8520, 4.5100,
0.1298

■ 213.1430, 13.2405,
-0.1254

■ 216.0490, 19.2028,
0.8340

■ 216.9460, 18.7606,
2.6784

Harmonies

Analogous

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



194.2080, -52.3605, 41.0366



189.3230, -46.9942, -0.2833



180.5630, -24.4346, -49.6058

Triad

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



189.3230, -46.9942, -0.2833



158.2100, 47.7175, -138.7502



190.4520, 11.6092, 56.6086

Complementary

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



189.3230, -46.9942, -0.2833



112.6770, 46.9942, 0.2833

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.



203.3330, 25.4718, 43.5580



189.3230, -46.9942, -0.2833



165.8170, 43.9672, -102.4485

Square

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



189.3230, -46.9942, -0.2833



159.9080, 38.9924, -140.2393



194.1320, 30.0079, -11.5168



185.3560, -12.9935, 61.0778

Rectangle

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



189.3230, -46.9942, -0.2833



167.0420, -1.0067, -97.3838



194.1320, 30.0079, -11.5168



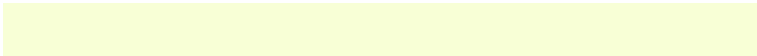
194.8520, 18.3140, 52.7498

Sweetspot

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



189.3230, -46.9942, -0.2833



248.2330, -16.8769, -0.2043



139.2390, -22.3028, 60.3034



123.6550, -10.1829, -0.5744



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.



189.3230, -46.9942, -0.2833



227.4760, -69.2547, -0.4175



172.8780, -38.8869, -34.0960



103.1480, -4.5100, -0.1298



140.4760, -69.2547, -0.4175



34.2330, -16.8769, -0.2043

Inverse Universe

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



112.6770, 46.9942, 0.2833



114.5240, 69.2547, 0.4175



129.7200, 38.5920, 35.3256



95.8520, 4.5100, 0.1298



27.5240, 69.2547, 0.4175



6.7670, 16.8769, 0.2043

Previews

White Background



This preview shows how the YUV color 189.3230, -46.9942, -0.2833 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 189.3230, -46.9942, -0.2833 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 189.3230, -46.9942, -0.2833

Background



This preview shows how black text looks on a background with the YUV color 189.3230, -46.9942, -0.2833.



This preview shows how white text looks on a background with the YUV color 189.3230, -46.9942, -0.2833.

-0.2833.

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

189.3230, -46.9942, -0.2833

Protanopia

192.3800, -49.9803, 24.2227

Deuteranopia

195.1850, -47.4192, 42.8108



Tritanopia

199.5040, 5.6675, 2.1890

Trichromacy



Original Color

189.3230, -46.9942, -0.2833

Protanomaly

191.5530, -49.0796, 15.3010

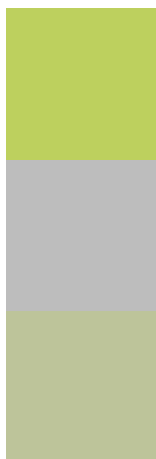
Deuteranomaly

193.0860, -47.3704, 27.1116

Tritanomaly

195.4550, -13.5353, 1.3550

Monochromacy



Original Color

189.3230, -46.9942, -0.2833

Achromatopsia

189.0000, 0.0000, 0.0000

Achromatomaly

189.1190, -17.3137, -0.1044

CSS Examples

Text

The CSS property to change the color of the text to YUV 189.3230, -46.9942, -0.2833 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(189, 208, 94)` looks like.

```
.text, #text, p{  
    color:rgb(189, 208, 94)  
}
```

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(189, 208, 94) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(189, 208, 94) }
```

Border

The CSS property to change the border of an element to YUV 189.3230, -46.9942, -0.2833 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(189, 208, 94) }
```


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

```
.border{ border-color:rgb(189, 208, 94) }
```

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

Here you see how a box with a 4 pixel rgb(189, 208, 94) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(189, 208, 94); -webkit-box-  
shadow:4px 4px 4px 4px rgb(189, 208, 94);  
box-shadow:4px 4px 4px 4px rgb(189, 208,  
94) }
```

Background

The CSS property to change the background color of an element to YUV 189.3230, -46.9942, -0.2833 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(189, 208, 94) }
```

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

```
.background{ background-color: rgb(189,  
208, 94) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor