

Converting Colors

YUV(189.5280, -37.7283,
14.4459)

Have a look what the booklet for
YUV(189.5280, -37.7283, 14.4459)
contains.

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Color

**YUV(189.5280, -37.7283,
14.4459)**

Conversions

Conversions Part 1

Format	Color
Hex	CEC471
RGB	206, 196, 113
RGB Percent	81%, 77%, 44%
CMY	0.1922, 0.2314, 0.5569
CMYK	0.00, 0.05, 0.45, 0.19
HSL	54°, 49%, 63%
HSV	54°, 45%, 81%
XYZ	48.1742, 53.7939, 23.4670
YIQ	189.5280, 32.6030, -23.6930

Conversions

Conversions Part 2

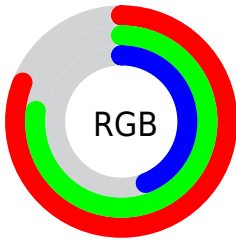
Format	Color
RYB	124, 206, 113
Decimal	13550705
CIELab	78.34, -7.99, 42.75
CIELCh	78, 43.486, 100.589
Yxy	53.7939, 0.3841, 0.4289
Android (android.graphics.Color)	4291740785 (0xFFCEC471)
YUV	189.5280, -37.7283, 14.4459
Hunter-Lab	73.3443, -11.1099, 32.3708

Details

The YUV color **189.5280, -37.7283, 14.4459** is a light color, and the websafe version is hex **CCCC66**. A complement of this color would be **129.4720, 37.7283, -14.4459**, and the grayscale version is **190.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **243.0930, -38.0068, 10.4424**, and **135.2720, -36.1231, 12.9165** is the 20% darker color. If you saturate the color by 10%, you get **185.9600, -46.3223, 17.5751**, and if you desaturate by 10%, it is **193.0960, -29.1343, 11.3168**.

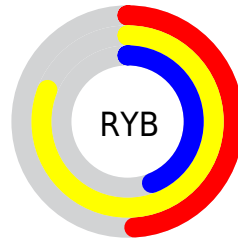
Distribution



Red (81%)

Green (77%)

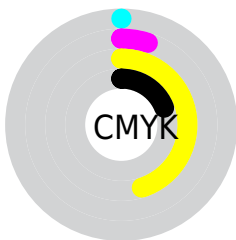
Blue (44%)



Red (49%)

Yellow (81%)

Blue (44%)

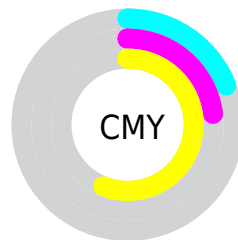


Cyan (0%)

Magenta (5%)

Yellow (45%)

Black (19%)



Cyan (19%)

Magenta (23%)

Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the YUV color 189.5280, -37.7283, 14.4459 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 189.5280, -37.7283, 14.4459 by changing the saturation by 10% instead.

■ 189.5280,
-37.7283, 14.4459

■ 189.5280,
-37.7283, 14.4459

255.0000, 0.0000,
0.0000

■ 162.3430,
-37.1441, 13.7312

■ 243.0930,
-38.0068, 10.4424

■ 135.2720,
-36.1231, 12.9165

■ 248.0460,
-26.6447, 6.0987

■ 109.7880,
-35.3915, 11.5869

■ 251.2380,
-14.4143, 3.2993

■ 84.7340, -36.8439,
10.7573

■ 254.5440, -1.7472,
0.3999

■ 61.7320, -30.4339,
8.1280

■ 41.3430, -20.3821,
4.0842

■ 22.4270, -11.0565,

-0.3745

■ 0.0000, 0.0000,
0.0000

■ 189.5280,
-37.7283, 14.4459

■ 189.5280,
-37.7283, 14.4459

■ 185.9600,
-46.3223, 17.5751

■ 193.0960,
-29.1343, 11.3168

■ 182.5060,
-54.4795, 20.6042

■ 196.5500,
-20.9771, 8.2877

■ 178.3510,
-62.7840, 24.2482

■ 200.7050,
-12.6726, 4.6437

■ 174.8970,
-70.9412, 27.2773

■ 204.1590, -4.5154,
1.6146

■ 171.3290,
-79.5352, 30.4065

■ 207.7270, 4.0786,
-1.5146

■ 169.6020,
-83.6138, 31.9210

■ 211.2950, 12.6726,
-4.6437

■ 215.1080, 19.6668,
-7.9877

■ 216.2820, 19.0880,
-9.0173

■ 217.4560, 18.5092,
-10.0469

Harmonies

Analogous

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



192.6440, -36.7995, 43.2852



189.5280, -37.7283, 14.4459



184.8810, -26.5633, -20.0666

Triad

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



189.5280, -37.7283, 14.4459



152.9610, 45.3752, -134.1468



198.9950, 11.3415, 49.1164

Complementary

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



189.5280, -37.7283, 14.4459



129.4720, 37.7283, -14.4459

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.



198.4390, 27.8846, 16.2780



189.5280, -37.7283, 14.4459



174.2220, 39.8236, -80.0017

Square

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



189.5280, -37.7283, 14.4459



162.3610, 22.0070, -105.5566



189.6030, 32.2407, -27.7158



191.9730, -5.4097, 55.2747

Rectangle

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



189.5280, -37.7283, 14.4459



180.1580, -13.3889, -45.7426



189.6030, 32.2407, -27.7158



199.1340, 17.1889, 40.2245

Sweetspot

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



189.5280, -37.7283, 14.4459



248.5480, -14.5672, 5.6584



142.0610, -8.9041, 56.0745



123.7310, -8.7414, 3.7439



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.



189.5280, -37.7283, 14.4459



230.4630, -55.9373, 21.5189



184.6340, -35.3156, -12.8340



100.2730, -4.0786, 1.5146



136.5100, -67.2994, 25.8627



31.3200, -15.4408, 5.8584

Inverse Universe

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



129.4720, 37.7283, -14.4459



141.5370, 55.9373, -21.5189



134.3660, 35.3156, 12.8340



93.7270, 4.0786, -1.5146



29.4900, 67.2994, -25.8627



6.6800, 15.4408, -5.8584

Previews

White Background



This preview shows how the YUV color 189.5280, -37.7283, 14.4459 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 189.5280, -37.7283, 14.4459 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

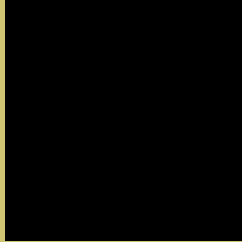
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 189.5280, -37.7283, 14.4459

Background



This preview shows how black text looks on a background with the YUV color 189.5280, -37.7283, 14.4459.



This preview shows how white text looks on a background with the YUV color 189.5280, -37.7283, 14.4459.

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

189.5280, -37.7283, 14.4459

Protanopia

190.0340, -38.4708, 19.2642

Deuteranopia

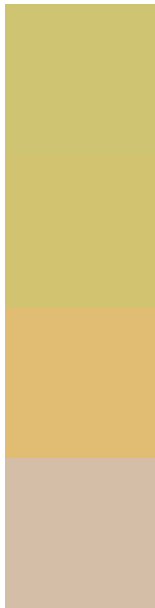
192.0840, -37.5094, 37.6373



Tritanopia

196.2670, 1.8404, 16.4288

Trichromacy



Original Color

189.5280, -37.7283, 14.4459

Protanomaly

190.0230, -38.4653, 17.5198

Deuteranomaly

191.0290, -37.4823, 28.9156

Tritanomaly

194.0700, -12.8525, 15.7246

Monochromacy



Original Color

189.5280, -37.7283, 14.4459

Achromatopsia

190.0000, 0.0000, 0.0000

Achromatomaly

189.7760, -13.6936, 5.4584

CSS Examples

Text

The CSS property to change the color of the text to YUV 189.5280, -37.7283, 14.4459 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(206, 196, 113)` looks like.

```
.text, #text, p{  
    color:rgb(206, 196, 113)  
}
```

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(206, 196, 113) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(206, 196, 113) }
```

Border

The CSS property to change the border of an element to YUV 189.5280, -37.7283, 14.4459 is called "border".

The border property can be set on classes, ids or directly on the HTML element.

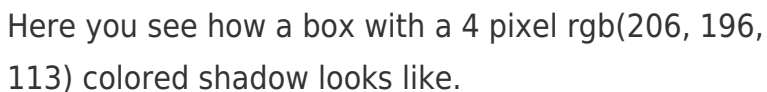
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(206, 196, 113) }
```


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

```
.border{ border-color:rgb(206, 196, 113) }
```

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



Here you see how a box with a 4 pixel `rgb(206, 196, 113)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(206, 196, 113); -webkit-box-  
shadow:4px 4px 4px 4px rgb(206, 196, 113);  
box-shadow:4px 4px 4px 4px rgb(206, 196,  
113) }
```

Background

The CSS property to change the background color of an element to YUV 189.5280, -37.7283, 14.4459 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(206, 196, 113) }
```

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

```
.background{ background-color: rgb(206,  
196, 113) }
```

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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