

Converting Colors

YUV(169.1320, -37.0401,
27.0712)

Have a look what the booklet for
YUV(169.1320, -37.0401, 27.0712)
contains.

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Color

**YUV(169.1320, -37.0401,
27.0712)**

Conversions

Conversions Part 1

Format	Color
Hex	C8A85E
RGB	200, 168, 94
RGB Percent	78%, 66%, 37%
CMY	0.2157, 0.3412, 0.6314
CMYK	0.00, 0.16, 0.53, 0.22
HSL	42°, 49%, 58%
HSV	42°, 53%, 78%
XYZ	39.8424, 41.0928, 16.4215
YIQ	169.1320, 42.8260, -16.2300

Conversions

Conversions Part 2

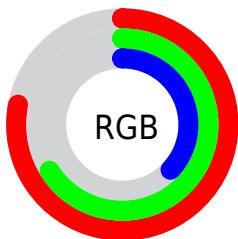
Format	Color
RYB	140, 200, 94
Decimal	13150302
CIELab	70.24, 2.47, 42.23
CIELCh	70, 42.305, 86.648
Yxy	41.0928, 0.4092, 0.4221
Android (android.graphics.Color)	4291340382 (0xFFC8A85E)
YUV	169.1320, -37.0401, 27.0712
Hunter-Lab	64.1036, -1.2380, 29.6842

Details

The YUV color **169.1320, -37.0401, 27.0712** is a light color, and the websafe version is hex **CC9966**. The color can be described as light muted orange. A complement of this color would be **124.8680, 37.0401, -27.0712**, and the grayscale version is **169.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **223.7900, -38.3505, 27.3712**, and **116.2780, -35.1401, 24.3122** is the 20% darker color. If you saturate the color by 10%, you get **163.3300, -44.0397, 32.1596**, and if you desaturate by 10%, it is **174.9340, -30.0405, 21.9829**.

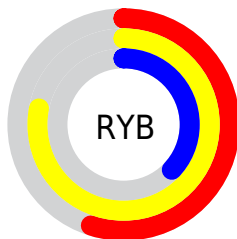
Distribution



Red (78%)

Green (66%)

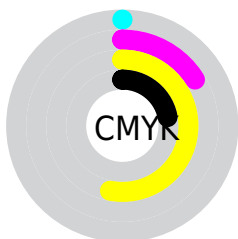
Blue (37%)



Red (55%)

Yellow (78%)

Blue (37%)

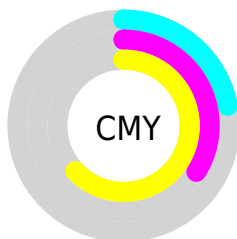


Cyan (0%)

Magenta (16%)

Yellow (53%)

Black (22%)



Cyan (22%)

Magenta (34%)

Yellow (63%)

Brightness & Saturation Gradients

These gradients show how the YUV color 169.1320, -37.0401, 27.0712 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 169.1320, -37.0401, 27.0712 by changing the saturation by 10% instead.

■ 169.1320,
-37.0401, 27.0712

■ 169.1320,
-37.0401, 27.0712

255.0000, 0.0000,
0.0000

■ 142.3490,
-36.1611, 25.1269

■ 223.7900,
-38.3505, 27.3712

■ 116.2780,
-35.1401, 24.3122

■ 243.8910,
-34.9493, 9.7426

■ 90.8540, -35.4240,
22.0530

■ 248.8440,
-23.5871, 5.3988

■ 66.8260, -32.9452,
20.3236

■ 252.0360,
-11.3567, 2.5994

■ 46.1380, -22.7460,
15.6650

■ 26.9230, -13.2730,
10.5915

■ 2.3920, -1.1793,

4.9182

■ 0.0000, 0.0000,
0.0000

■ 169.1320,
-37.0401, 27.0712

■ 169.1320,
-37.0401, 27.0712

■ 163.3300,
-44.0397, 32.1596

■ 174.9340,
-30.0405, 21.9829

■ 157.5280,
-51.0393, 37.2479

■ 180.7360,
-23.0408, 16.8945

■ 151.7260,
-58.0389, 42.3363

■ 186.5380,
-16.0412, 11.8062

■ 145.9240,
-65.0385, 47.4247

■ 192.3400, -9.0416,
6.7178

■ 141.9800,
-69.9961, 50.8835

■ 198.1420, -2.0420,
1.6295

■ 203.9440, 4.9576,
-3.4589

■ 209.7460, 11.9572,
-8.5472

■ 215.5480, 18.9568,
-13.6356

■ 219.1840, 17.6573,
-16.8244

Harmonies

Analogous

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



171.5940, -30.8588, 51.2221



169.1320, -37.0401, 27.0712



165.3130, -31.7063, -3.7825

Triad

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



169.1320, -37.0401, 27.0712



135.4870, 34.2699, -118.8221



176.5570, 18.9524, 34.5915

Complementary

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



169.1320, -37.0401, 27.0712



124.8680, 37.0401, -27.0712

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.



173.5720, 32.7490, -4.0096



169.1320, -37.0401, 27.0712



136.5590, 48.5314, -119.7622

Square

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



169.1320, -37.0401, 27.0712



148.0730, 8.8380, -81.6250



162.9680, 41.9208, -52.5919



175.1180, 1.4208, 57.7785

Rectangle

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



169.1320, -37.0401, 27.0712



161.6890, -22.0317, -26.9143



162.9680, 41.9208, -52.5919



176.7450, 23.7897, 23.0256

Sweetspot

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



169.1320, -37.0401, 27.0712



243.2820, -14.4360, 10.2767



129.5700, -0.7740, 61.7671



120.4540, -8.6048, 6.6178



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.



169.1320, -37.0401, 27.0712



207.6550, -57.0179, 41.5216



182.2350, -43.4999, -1.0831



96.2130, -3.0630, 2.4442



115.6550, -57.0179, 41.5216



25.4390, -12.5414, 9.2620

Inverse Universe

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



124.8680, 37.0401, -27.0712



139.3450, 57.0179, -41.5216



111.7650, 43.4999, 1.0831



92.7870, 3.0630, -2.4442



47.3450, 57.0179, -41.5216



10.5610, 12.5414, -9.2620

Previews

White Background



This preview shows how the YUV color 169.1320, -37.0401, 27.0712 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 169.1320, -37.0401, 27.0712 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 169.1320, -37.0401, 27.0712

Background



This preview shows how black text looks on a background with the YUV color 169.1320, -37.0401, 27.0712.



This preview shows how white text looks on a background with the YUV color 169.1320, -37.0401, 27.0712.

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

169.1320, -37.0401, 27.0712

Protanopia

168.3050, -36.1394, 18.1495

Deuteranopia

169.8880, -36.9198, 35.1782



Tritanopia

174.7200, -1.8340, 28.3096

Trichromacy



Original Color

169.1320, -37.0401, 27.0712

Protanomaly

168.9140, -36.4396, 21.1234

Deuteranomaly

169.2790, -36.6195, 32.2043

Tritanomaly

172.3920, -14.4903, 27.7202

Monochromacy



Original Color

169.1320, -37.0401, 27.0712

Achromatopsia

169.0000, 0.0000, 0.0000

Achromatomaly

169.2110, -13.4150, 9.4620

CSS Examples

Text

The CSS property to change the color of the text to YUV 169.1320, -37.0401, 27.0712 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(200, 168, 94)` looks like.

```
.text, #text, p{  
    color:rgb(200, 168, 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(200, 168, 94) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(200, 168, 94) }
```

Border

The CSS property to change the border of an element to YUV 169.1320, -37.0401, 27.0712 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(200, 168, 94) }
```


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

```
.border{ border-color:rgb(200, 168, 94) }
```

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

Here you see how a box with a 4 pixel `rgb(200, 168, 94)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(200, 168, 94); -webkit-box-  
shadow:4px 4px 4px 4px rgb(200, 168, 94);  
box-shadow:4px 4px 4px 4px rgb(200, 168,  
94) }
```

Background

The CSS property to change the background color of an element to YUV 169.1320, -37.0401, 27.0712 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(200, 168, 94) }
```

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

```
.background{ background-color: rgb(200,  
168, 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](#).

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