

Converting Colors

YUV(162.5230, -33.2888,
37.2523)

Have a look what the booklet for
YUV(162.5230, -33.2888, 37.2523)
contains.

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Color

**YUV(162.5230, -33.2888,
37.2523)**

Conversions

Conversions Part 1

Format	Color
Hex	CD9A5F
RGB	205, 154, 95
RGB Percent	80%, 60%, 37%
CMY	0.1961, 0.3961, 0.6275
CMYK	0.00, 0.25, 0.54, 0.20
HSL	32°, 52%, 59%
HSV	32°, 54%, 80%
XYZ	38.7980, 36.9166, 15.9072
YIQ	162.5230, 49.3350, -7.5370

Conversions

Conversions Part 2

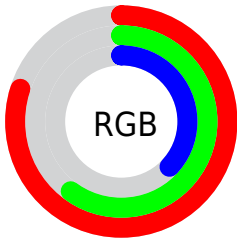
Format	Color
RYB	190, 205, 95
Decimal	13474399
CIELab	67.21, 12.22, 38.14
CIElCh	67, 40.048, 72.233
Yxy	36.9166, 0.4235, 0.4029
Android (android.graphics.Color)	4291664479 (0xFFCD9A5F)
YUV	162.5230, -33.2888, 37.2523
Hunter-Lab	60.7590, 7.6539, 27.0087

Details

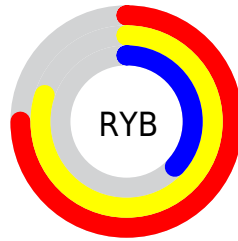
The YUV color **162.5230, -33.2888, 37.2523** is a dark color, and the websafe version is hex **CC9966**. The color can be described as middle muted orange. A complement of this color would be **137.4770, 33.2888, -37.2523**, and the grayscale version is **163.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **215.0990, -33.5728, 34.9932**, and **110.0710, -31.0940, 33.2637** is the 20% darker color. If you saturate the color by 10%, you get **154.3730, -39.1309, 44.3999**, and if you desaturate by 10%, it is **170.7870, -27.0100, 30.0048**.

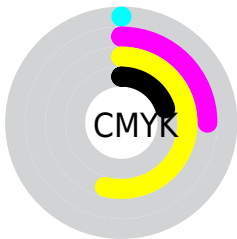
Distribution



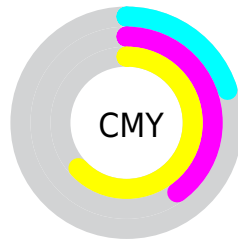
- Red (80%)
- Green (60%)
- Blue (37%)



- Red (75%)
- Yellow (80%)
- Blue (37%)



- Cyan (0%)
- Magenta (25%)
- Yellow (54%)
- Black (20%)



- Cyan (20%)
- Magenta (40%)
- Yellow (63%)

Brightness & Saturation Gradients

These gradients show how the YUV color 162.5230, -33.2888, 37.2523 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 162.5230, -33.2888, 37.2523 by changing the saturation by 10% instead.

■ 162.5230,
-33.2888, 37.2523

■ 162.5230,
-33.2888, 37.2523

■ 255.0000, 0.0000,
0.0000

■ 135.7400,
-32.4098, 35.3080

■ 215.0990,
-33.5728, 34.9932

■ 110.0710,
-31.0940, 33.2637

■ 235.2000,
-30.1716, 17.3646

■ 84.8750, -30.5044,
30.8046

■ 248.8440,
-23.5871, 5.3988

■ 60.6790, -29.9147,
28.3455

■ 252.1500,
-10.9200, 2.4994

■ 39.9910, -19.7156,
23.6869

■ 20.4770, -10.0952,
17.9987

■ 0.2990, -0.1474,

0.6148

0.0000, 0.0000,
0.0000

162.5230,
-33.2888, 37.2523

162.5230,
-33.2888, 37.2523

154.3730,
-39.1309, 44.3999

170.7870,
-27.0100, 30.0048

146.6960,
-45.6991, 51.1326

178.3500,
-20.8785, 23.3721

138.5460,
-51.5412, 58.2802

186.6140,
-14.5997, 16.1245

130.8690,
-58.1094, 65.0129

194.1770, -8.4683,
9.4918

125.8650,
-62.0514, 69.4014

202.4410, -2.1894,
2.2442

■ 210.0040, 3.9420,
-4.3885

■ 218.2680, 10.2209,
-11.6360

■ 225.3750, 14.6051,
-17.8689

■ 231.2450, 11.7112,
-23.0169

Harmonies

Analogous

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



164.5650, -23.4495, 54.7555



162.5230, -33.2888, 37.2523



159.3580, -33.2075, 11.0870

Triad

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



162.5230, -33.2888, 37.2523



127.7130, 24.7915, -112.0043



167.8150, 24.2482, 15.9482

Complementary

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



162.5230, -33.2888, 37.2523



137.4770, 33.2888, -37.2523

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.



161.8360, 35.5769, -24.4122



162.5230, -33.2888, 37.2523



129.7140, 40.0740, -113.7592

Square

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



162.5230, -33.2888, 37.2523



147.6220, -3.7576, -54.9195



147.1350, 41.8384, -72.9094



168.1040, 9.3157, 45.5128

Rectangle

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



162.5230, -33.2888, 37.2523



156.7190, -27.4695, -9.4006



147.1350, 41.8384, -72.9094



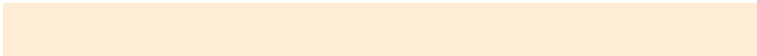
166.5900, 28.7961, 3.8676

Sweetspot

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



162.5230, -33.2888, 37.2523



239.1730, -12.4103, 13.8803



133.7040, 6.0619, 62.5266



118.1060, -7.4473, 8.6770



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.



162.5230, -33.2888, 37.2523



191.8060, -49.2044, 55.4211



191.2640, -47.4582, 8.5385



97.9250, -2.9210, 3.5738



101.8770, -50.2254, 56.2359



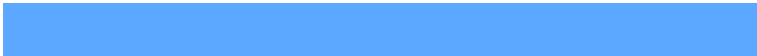
23.6890, -11.6787, 12.5507

Inverse Universe

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



137.4770, 33.2888, -37.2523



154.6070, 49.4937, -54.9063



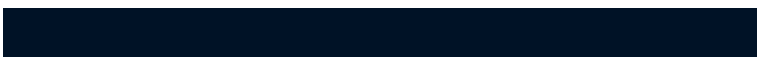
108.7360, 47.4582, -8.5385



96.0750, 2.9210, -3.5738



64.1230, 50.2254, -56.2359



14.8980, 11.3893, -13.0655

Previews

White Background



This preview shows how the YUV color 162.5230, -33.2888, 37.2523 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 162.5230, -33.2888, 37.2523 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 162.5230, -33.2888, 37.2523

Background



This preview shows how black text looks on a background with the YUV color 162.5230, -33.2888, 37.2523.



This preview shows how white text looks on a background with the YUV color 162.5230, -33.2888,

37.2523.

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

162.5230, -33.2888, 37.2523

Protanopia

161.0750, -30.6030, 15.7202

Deuteranopia

162.0880, -33.5674, 33.2488



Tritanopia

166.5040, -4.1925, 38.1460

Trichromacy



Original Color

162.5230, -33.2888, 37.2523

Protanomaly

161.3040, -31.2089, 23.4124

Deuteranomaly

162.0990, -33.5728, 34.9932

Tritanomaly

165.0450, -14.8122, 37.6715

Monochromacy



Original Color

162.5230, -33.2888, 37.2523

Achromatopsia

163.0000, 0.0000, 0.0000

Achromatomaly

162.8740, -12.2629, 13.2655

CSS Examples

Text

The CSS property to change the color of the text to YUV 162.5230, -33.2888, 37.2523 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(205, 154, 95)` looks like.

```
.text, #text, p{  
    color:rgb(205, 154, 95)  
}
```

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(205, 154, 95) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(205, 154, 95) }
```

Border

The CSS property to change the border of an element to YUV 162.5230, -33.2888, 37.2523 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(205, 154, 95) }
```


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

```
.border{ border-color:rgb(205, 154, 95) }
```

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

Here you see how a box with a 4 pixel `rgb(205, 154, 95)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(205, 154, 95); -webkit-box-  
shadow:4px 4px 4px 4px rgb(205, 154, 95);  
box-shadow:4px 4px 4px 4px rgb(205, 154,  
95) }
```

Background

The CSS property to change the background color of an element to YUV 162.5230, -33.2888, 37.2523 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(205, 154, 95) }
```

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

```
.background{ background-color: rgb(205,  
154, 95) }
```

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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