

Converting Colors

YUV(126.2600, -37.5962,
65.5470)

Have a look what the booklet for
YUV(126.2600, -37.5962, 65.5470)
contains.

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Color

**YUV(126.2600, -37.5962,
65.5470)**

Conversions

Conversions Part 1

Format	Color
Hex	C96732
RGB	201, 103, 50
RGB Percent	79%, 40%, 20%
CMY	0.2118, 0.5961, 0.8039
CMYK	0.00, 0.49, 0.75, 0.21
HSL	21°, 60%, 49%
HSV	21°, 75%, 79%
XYZ	29.5134, 22.3483, 5.7757
YIQ	126.2600, 75.4210, 4.2930

Conversions

Conversions Part 2

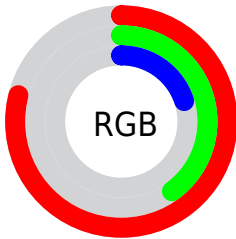
Format	Color
R_{YB}	201, 132, 50
Decimal	13199154
CIE Lab	54.39, 35.16, 46.22
CIE LCh	54, 58.074, 52.744
Yxy	22.3483, 0.5121, 0.3877
Android (android.graphics.Color)	4291389234 (0xFFC96732)
YUV	126.2600, -37.5962, 65.5470
Hunter-Lab	47.2740, 28.7089, 25.8480

Details

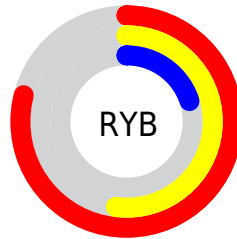
The YUV color **126.2600, -37.5962, 65.5470** is a dark color, and the websafe version is hex **CC6633**. The color can be described as dark muted orange. A complement of this color would be **124.7400, 37.5962, -65.5470**, and the grayscale version is **127.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **179.1030, -39.4908, 66.5617**, and **73.2700, -36.1221, 59.3992** is the 20% darker color. If you saturate the color by 10%, you get **116.3490, -42.5701, 74.2389**, and if you desaturate by 10%, it is **136.1710, -32.6223, 56.8550**.

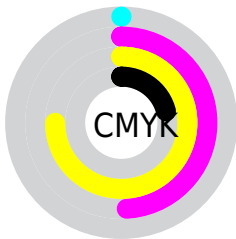
Distribution



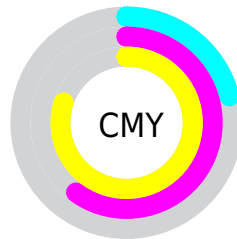
- Red (79%)
- Green (40%)
- Blue (20%)



- Red (79%)
- Yellow (52%)
- Blue (20%)



- Cyan (0%)
- Magenta (49%)
- Yellow (75%)
- Black (21%)





- Cyan (21%)
- Magenta (60%)
- Yellow (80%)

Brightness & Saturation Gradients


These gradients show how the YUV color 126.2600, -37.5962, 65.5470 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 126.2600, -37.5962, 65.5470 by changing the saturation by 10% instead.


 126.2600,
-37.5962, 65.5470


 126.2600,
-37.5962, 65.5470


255.0000, 0.0000,
0.0000


 99.8790, -36.4223,
62.3731


 179.1030,
-39.4908, 66.5617


 73.2700, -36.1221,
59.3992


 197.9160,
-35.9476, 50.0627


 49.9240, -24.6125,
54.4407


 217.3160,
-32.6938, 33.0489

 24.5180, -12.0874,
50.4117

 237.5310,
-28.8558, 15.3203

 16.4450, -8.1074,
33.8127

 249.4140,
-21.4031, 4.8989

 6.8770, -3.3904,
14.1399

 252.7200, -8.7360,

 0.0000, 0.0000,

1.9996

0.0000

■ 126.2600,
-37.5962, 65.5470

■ 126.2600,
-37.5962, 65.5470

■ 116.3490,
-42.5701, 74.2389

■ 136.1710,
-32.6223, 56.8550

■ 106.4380,
-47.5439, 82.9309

■ 146.0820,
-27.6484, 48.1631

■ 101.7760,
-50.1756, 87.0194

■ 155.9930,
-22.6745, 39.4711

■ 165.9040,
-17.7007, 30.7792

■ 175.9290,
-12.2900, 21.9873

■ 185.8400, -7.3161,
13.2953

■ 195.7510, -2.3422,
4.6034

■ 205.6620, 2.6316,
-4.0886

■ 215.5730, 7.6055,
-12.7805

Harmonies

Analogous

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



125.5050, -15.5320, 81.9951



126.2600, -37.5962, 65.5470



123.1320, -53.8021, 36.7182

Triad

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



126.2600, -37.5962, 65.5470



103.0350, 6.3917, -90.3617



129.0290, 46.3277, -19.3194

Complementary

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



126.2600, -37.5962, 65.5470



124.7400, 37.5962, -65.5470

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.



108.4000, 59.9488, -95.0668



126.2600, -37.5962, 65.5470



109.4360, 28.3791, -95.9754

Square

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



126.2600, -37.5962, 65.5470



109.3500, -21.3715, -52.0499



111.8760, 47.8821, -98.1153



133.5220, 28.8297, 39.8842

Rectangle

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



126.2600, -37.5962, 65.5470



120.3910, -53.4368, 12.8121



111.8760, 47.8821, -98.1153



121.1500, 52.6770, -49.2436

Sweetspot

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



126.2600, -37.5962, 65.5470



225.9680, -14.7742, 25.4611



106.3210, 20.5477, 83.0335



109.8080, -8.7793, 15.9544



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.



126.2600, -37.5962, 65.5470



141.3170, -57.3443, 99.7000



170.2850, -59.3005, 26.9371



94.4520, -2.1948, 3.9886



82.1960, -40.5226, 70.8651



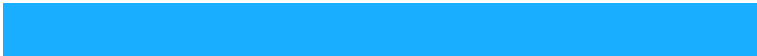
18.3950, -9.0687, 15.4396

Inverse Universe

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



124.7400, 37.5962, -65.5470



138.6830, 57.3443, -99.7000



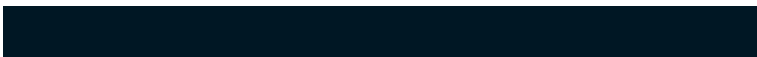
80.7150, 59.3005, -26.9371



94.5480, 2.1948, -3.9886



80.8040, 40.5226, -70.8651



17.6050, 9.0687, -15.4396

Previews

White Background



This preview shows how the YUV color 126.2600, -37.5962, 65.5470 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

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 126.2600, -37.5962, 65.5470 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 × Fail

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

YUV 126.2600, -37.5962, 65.5470 Background



This preview shows how black text looks on a background with the YUV color 126.2600, -37.5962, 65.5470.



This preview shows how white text looks on a background with the YUV color 126.2600, -37.5962,

65.5470.

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

126.2600, -37.5962, 65.5470

Protanopia

126.8640, -33.9500, 15.9053

Deuteranopia

126.5410, -40.6927, 31.9745



Tritanopia

129.7910, -12.7150, 65.0813

Trichromacy



Original Color

126.2600, -37.5962, 65.5470

Protanomaly

126.6320, -35.3146, 33.6487

Deuteranomaly

126.2590, -39.5677, 44.4999

Tritanomaly

128.3860, -21.8823, 65.4365

Monochromacy



Original Color

126.2600, -37.5962, 65.5470

Achromatopsia

126.0000, 0.0000, 0.0000

Achromatomaly

126.1850, -13.8952, 23.5168

CSS Examples

Text

The CSS property to change the color of the text to YUV 126.2600, -37.5962, 65.5470 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(201, 103, 50)` looks like.

```
.text, #text, p{  
    color:rgb(201, 103, 50)  
}
```

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(201, 103, 50) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(201, 103, 50) }
```

Border

The CSS property to change the border of an element to YUV 126.2600, -37.5962, 65.5470 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(201, 103, 50) }
```


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

```
.border{ border-color:rgb(201, 103, 50) }
```

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

Here you see how a box with a 4 pixel `rgb(201, 103, 50)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(201, 103, 50); -webkit-box-  
shadow:4px 4px 4px 4px rgb(201, 103, 50);  
box-shadow:4px 4px 4px 4px rgb(201, 103,  
50) }
```

Background

The CSS property to change the background color of an element to YUV 126.2600, -37.5962, 65.5470 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(201, 103, 50) }
```

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

```
.background{ background-color: rgb(201,  
103, 50) }
```

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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