

Converting Colors

YUV(104.3520, -37.1485,
61.9583)

Have a look what the booklet for
YUV(104.3520, -37.1485, 61.9583)
contains.

YUV(104.3520, -37.1485, 61.9583)	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(104.3520, -37.1485,
61.9583)**

Conversions

Conversions Part 1

Format	Color
Hex	AF531D
RGB	175, 83, 29
RGB Percent	69%, 33%, 11%
CMY	0.3137, 0.6745, 0.8863
CMYK	0.00, 0.53, 0.83, 0.31
HSL	22°, 72%, 40%
HSV	22°, 83%, 69%
XYZ	20.9942, 15.3892, 3.0263
YIQ	104.3520, 72.1660, 2.7100

Conversions

Conversions Part 2

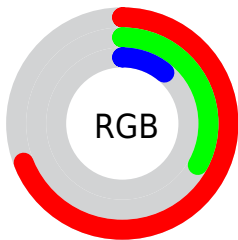
Format	Color
R_{YB}	175, 115, 29
Decimal	11490077
CIE Lab	46.16, 34.30, 46.59
CIE LCh	46, 57.859, 53.641
Yxy	15.3892, 0.5327, 0.3905
Android (android.graphics.Color)	4289680157 (0xFFAF531D)
YUV	104.3520, -37.1485, 61.9583
Hunter-Lab	39.2290, 26.8771, 22.8865

Details

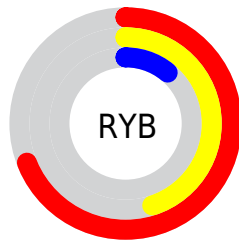
The YUV color **104.3520, -37.1485, 61.9583** is a dark color, and the websafe version is hex **CC6633**. A complement of this color would be **99.6480, 37.1485, -61.9583**, and the grayscale version is **105.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **158.1140, -39.4962, 68.3060**, and **54.6420, -26.9385, 53.8110** is the 20% darker color. If you saturate the color by 10%, you get **95.9570, -41.3908, 69.3207**, and if you desaturate by 10%, it is **112.8610, -32.4695, 54.4959**.

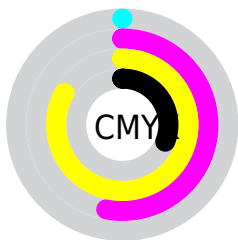
Distribution



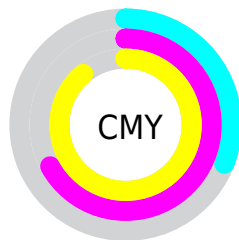
- Red (69%)
- Green (33%)
- Blue (11%)



- Red (69%)
- Yellow (45%)
- Blue (11%)



- Cyan (0%)
- Magenta (53%)
- Yellow (83%)
- Black (31%)



- Cyan (31%)
- Magenta (67%)
- Yellow (89%)

Brightness & Saturation Gradients

These gradients show how the YUV color 104.3520, -37.1485, 61.9583 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 104.3520, -37.1485, 61.9583 by changing the saturation by 10% instead.

■ 104.3520,
-37.1485, 61.9583

■ 104.3520,
-37.1485, 61.9583

■ 255.0000, 0.0000,
0.0000

■ 77.6290, -37.2851,
59.0844

■ 158.1140,
-39.4962, 68.3060

■ 54.6420, -26.9385,
53.8110

■ 182.4940,
-39.1905, 63.5878

■ 29.5350, -14.5608,
50.3968

■ 201.3070,
-35.6474, 47.0888

■ 17.6410, -8.6970,
36.2718

■ 221.2940,
-32.6829, 29.5602

■ 9.3830, -4.1328,
18.9581

■ 240.9220,
-28.5555, 12.3464

■ 0.0000, 0.0000,
0.0000

■ 249.9840,

-19.2191, 4.3990

253.1760, -6.9888,
1.5996

104.3520,
-37.1485, 61.9583

104.3520,
-37.1485, 61.9583

95.9570, -41.3908,
69.3207

112.8610,
-32.4695, 54.4959

90.4800, -44.6066,
74.1240

121.2560,
-28.2272, 47.1335

129.7650,
-23.5481, 39.6711

138.1600,
-19.3059, 32.3087

146.6690,
-14.6268, 24.8463

■ 155.0640,
-10.3846, 17.4839

■ 163.5730, -5.7055,
10.0215

■ 171.9680, -1.4632,
2.6591

■ 180.4770, 3.2158,
-4.8033

Harmonies

Analogous

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



102.8360, -14.2161, 79.9508



104.3520, -37.1485, 61.9583



102.9080, -50.7336, 32.5297

Triad

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



104.3520, -37.1485, 61.9583



87.9550, 4.4592, -77.1365



107.6870, 45.0173, -19.0195

Complementary

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



104.3520, -37.1485, 61.9583



99.6480, 37.1485, -61.9583

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.



92.7500, 55.8323, -81.3418



104.3520, -37.1485, 61.9583



93.6550, 26.2991, -82.1354

Square

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



104.3520, -37.1485, 61.9583



84.0930, -18.2868, -61.4716



96.4540, 44.6392, -84.5902



111.8810, 27.6667, 39.5694

Rectangle

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



104.3520, -37.1485, 61.9583



100.1070, -49.3528, 9.5532



96.4540, 44.6392, -84.5902



97.4160, 52.5459, -53.8618

Sweetspot

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



104.3520, -37.1485, 61.9583



199.3700, -14.4794, 24.2315



83.1420, 18.6640, 80.5595



98.0960, -8.9213, 14.8248



242.0000, 0.0000, 0.0000



115.0000, 0.0000, 0.0000

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



104.3520, -37.1485, 61.9583



117.1810, -57.7702, 96.3113



147.2030, -58.2741, 24.3780



82.4520, -2.1948, 3.9886



77.7220, -38.3169, 63.3878



11.5730, -5.7055, 10.0215

Inverse Universe

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



99.6480, 37.1485, -61.9583



109.8190, 57.7702, -96.3113



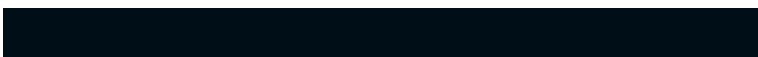
56.7970, 58.2741, -24.3780



81.9610, 2.4842, -3.4738



72.8650, 38.0276, -63.9026



10.8400, 5.9949, -9.5067

Previews

White Background



This preview shows how the YUV color 104.3520, -37.1485, 61.9583 looks on a white 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

Black Background



This preview shows how the YUV color 104.3520, -37.1485, 61.9583 looks on a black 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

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

YUV 104.3520, -37.1485, 61.9583

Background



This preview shows how black text looks on a background with the YUV color 104.3520, -37.1485, 61.9583.



This preview shows how white text looks on a background with the YUV color 104.3520, -37.1485,

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

104.3520, -37.1485, 61.9583

Protanopia

105.4510, -34.2393, 15.3905

Deuteranopia

104.7750, -42.2871, 30.0153



Tritanopia

108.1710, -12.4093, 60.3630

Trichromacy



Original Color

104.3520, -37.1485, 61.9583

Protanomaly

104.9200, -35.4566, 32.5192

Deuteranomaly

104.4220, -40.1410, 41.7259

Tritanomaly

106.7660, -21.5766, 60.7182

Monochromacy



Original Color

104.3520, -37.1485, 61.9583

Achromatopsia

104.0000, 0.0000, 0.0000

Achromatomaly

104.0000, -13.3110, 22.8020

CSS Examples

Text

The CSS property to change the color of the text to YUV 104.3520, -37.1485, 61.9583 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(175, 83, 29)` looks like.

```
.text, #text, p{  
    color:rgb(175, 83, 29)  
}
```

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(175, 83, 29) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(175, 83, 29) }
```

Border

The CSS property to change the border of an element to YUV 104.3520, -37.1485, 61.9583 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(175, 83, 29) }
```


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

```
.border{ border-color:rgb(175, 83, 29) }
```

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

Here you see how a box with a 4 pixel `rgb(175, 83, 29)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(175, 83, 29); -webkit-box-  
shadow:4px 4px 4px 4px rgb(175, 83, 29);  
box-shadow:4px 4px 4px 4px rgb(175, 83,  
29) }
```

Background

The CSS property to change the background color of an element to YUV 104.3520, -37.1485, 61.9583 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(175, 83, 29) }
```

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

```
.background{ background-color: rgb(175, 83,  
29) }
```

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