

Converting Colors

YUV(103.3500, -37.1475,
108.4411)

Have a look what the booklet for
YUV(103.3500, -37.1475, 108.4411)
contains.

YUV(103.3500, -37.1475, 108.4411)	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(103.3500, -37.1475,
108.4411)**

Conversions

Conversions Part 1

Format	Color
Hex	E3371C
RGB	227, 55, 28
RGB Percent	89%, 22%, 11%
CMY	0.1098, 0.7843, 0.8902
CMYK	0.00, 0.76, 0.88, 0.11
HSL	8°, 78%, 50%
HSV	8°, 88%, 89%
XYZ	33.2543, 19.1471, 3.0417
YIQ	103.3500, 111.1790, 28.0670

Conversions

Conversions Part 2

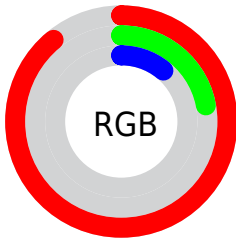
Format	Color
R_{YB}	227, 59, 28
Decimal	14890780
CIE _{Lab}	50.86, 64.14, 54.59
CIE _{LCh}	51, 84.223, 40.402
Yxy	19.1471, 0.5998, 0.3453
Android (android.graphics.Color)	4293080860 (0xFFE3371C)
YUV	103.3500, -37.1475, 108.4411
Hunter-Lab	43.7574, 59.0793, 26.5088

Details

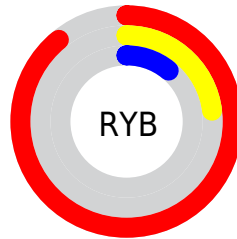
The YUV color **103.3500, -37.1475, 108.4411** is a dark color, and the websafe version is hex **CC3300**. The color can be described as dark washed red. A complement of this color would be **151.6500, 37.1476, -108.4410**, and the grayscale version is **104.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **152.5280, -37.2353, 89.8679**, and **48.4380, -23.8799, 99.5939** is the 20% darker color. If you saturate the color by 10%, you get **88.9880, -41.4061, 121.0365**, and if you desaturate by 10%, it is **117.7120, -32.8890, 95.8456**.

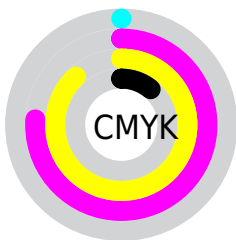
Distribution



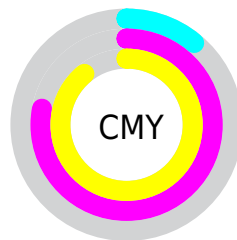
- Red (89%)
- Green (22%)
- Blue (11%)



- Red (89%)
- Yellow (23%)
- Blue (11%)



- Cyan (0%)
- Magenta (76%)
- Yellow (88%)
- Black (11%)



- Cyan (11%)
- Magenta (78%)
- Yellow (89%)

Brightness & Saturation Gradients

These gradients show how the YUV color 103.3500, -37.1475, 108.4411 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 103.3500, -37.1475, 108.4411 by changing the saturation by 10% instead.

■ 103.3500,
-37.1475, 108.4411

■ 103.3500,
-37.1475, 108.4411

■ 255.0000, 0.0000,
0.0000

■ 65.1640, -31.6329,
112.9892

■ 152.5280,
-37.2353, 89.8679

■ 48.4380, -23.8799,
99.5939

■ 172.4010,
-34.7077, 72.4393

■ 38.8700, -19.1629,
79.9210

■ 191.8010,
-31.4539, 55.4255

■ 29.6010, -14.5933,
60.8629

■ 211.7880,
-28.4895, 37.8969

■ 21.2720, -9.0081,
42.7345

■ 232.5900,
-24.9409, 19.6536

■ 11.4760, -5.1647,
23.2615

■ 249.8700,

■ 0.0000, 0.0000,

-19.6559, 4.4990

0.0000

253.0620, -7.4256,
1.6996

103.3500,
-37.1475, 108.4411

103.3500,
-37.1475, 108.4411

88.9880, -41.4061,
121.0365

117.7120,
-32.8890, 95.8456

86.0700, -42.4325,
123.5956

131.3730,
-28.7779, 83.8649

145.7350,
-24.5194, 71.2694

159.5100,
-19.9714, 59.1887

173.8720,
-15.7129, 46.5933

■ 188.1200,
-11.8912, 34.0978

■ 201.8950, -7.3432,
22.0171

■ 216.2570, -3.0847,
9.4216

■ 230.5050, 0.7370,
-3.0739

Harmonies

Analogous

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



84.0570, 7.8599, 139.3930



103.3500, -37.1475, 108.4411



113.4280, -55.9200, 62.7686

Triad

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



103.3500, -37.1475, 108.4411



94.7420, -12.6908, -83.0887



101.2710, 75.7884, -88.8147

Complementary

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



103.3500, -37.1475, 108.4411



151.6500, 37.1476, -108.4410

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.



112.4240, 70.2900, -98.5958



103.3500, -37.1475, 108.4411



105.1670, 19.6377, -92.2315

Square

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



103.3500, -37.1475, 108.4411



90.8400, -44.7841, -55.9877



112.4460, 50.0661, -98.6151



122.3670, 54.0491, 24.2341

Rectangle

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



103.3500, -37.1475, 108.4411



113.8060, -56.1064, 29.1111



112.4460, 50.0661, -98.6151



105.9670, 73.4733, -92.9331

Sweetspot

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



103.3500, -37.1475, 108.4411



214.0170, -12.3334, 35.9421



107.1090, 45.7953, 105.1444



102.8950, -7.3432, 22.0171



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.



103.3500, -37.1475, 108.4411



96.7900, -47.7175, 138.7502



161.4630, -65.7973, 57.4759



107.7620, -2.3477, 6.3477



67.6090, -33.3312, 97.6899



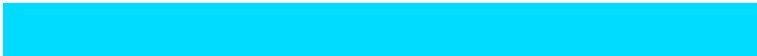
19.3580, -9.5435, 27.7500

Inverse Universe

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



151.6500, 37.1476, -108.4410



158.2100, 47.7175, -138.7502



93.5370, 65.7973, -57.4759



110.2380, 2.3477, -6.3477



110.8040, 33.6206, -97.1751



31.6420, 9.5435, -27.7500

Previews

White Background



This preview shows how the YUV color 103.3500, -37.1475, 108.4411 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 103.3500, -37.1475, 108.4411 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 103.3500, -37.1475, 108.4411 Background



This preview shows how black text looks on a background with the YUV color 103.3500, -37.1475, 108.4411.



This preview shows how white text looks on a background with the YUV color 103.3500, -37.1475, 108.4411.

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

103.3500, -37.1475, 108.4411

Protanopia

117.2940, -36.1339, 16.4052

Deuteranopia

113.5510, -55.9806, 35.4738



Tritanopia

104.7380, -25.5068, 108.1008

Trichromacy



Original Color

103.3500, -37.1475, 108.4411

Protanomaly

112.3890, -36.6738, 49.6478

Deuteranomaly

109.8500, -49.2260, 62.3986

Tritanomaly

104.2990, -29.7274, 108.4858

Monochromacy



Original Color

103.3500, -37.1475, 108.4411

Achromatopsia

103.0000, 0.0000, 0.0000

Achromatomaly

103.3980, -13.5072, 39.1160

CSS Examples

Text

The CSS property to change the color of the text to YUV 103.3500, -37.1475, 108.4411 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(227, 55, 28)` looks like.

```
.text, #text, p{  
    color:rgb(227, 55, 28)  
}
```

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(227, 55, 28) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(227, 55, 28) }
```

Border

The CSS property to change the border of an element to YUV 103.3500, -37.1475, 108.4411 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(227, 55, 28) }
```


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

```
.border{ border-color:rgb(227, 55, 28) }
```

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

Here you see how a box with a 4 pixel `rgb(227, 55, 28)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(227, 55, 28); -webkit-box-  
shadow:4px 4px 4px 4px rgb(227, 55, 28);  
box-shadow:4px 4px 4px 4px rgb(227, 55,  
28) }
```

Background

The CSS property to change the background color of an element to YUV 103.3500, -37.1475, 108.4411 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(227, 55, 28) }
```

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

```
.background{ background-color: rgb(227, 55,  
28) }
```

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