

Converting Colors

YUV(103.7230, -37.3314,
-66.4091)

Have a look what the booklet for
YUV(103.7230, -37.3314, -66.4091)
contains.

YUV(103.7230, -37.3314, -66.4091)	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(103.7230, -37.3314,
-66.4091)**

Conversions

Conversions Part 1

Format	Color
Hex	1C9D1C
RGB	28, 157, 28
RGB Percent	11%, 62%, 11%
CMY	0.8902, 0.3843, 0.8902
CMYK	0.82, 0.00, 0.82, 0.38
HSL	120°, 70%, 36%
HSV	120°, 82%, 62%
XYZ	12.7455, 24.4447, 5.1451
YIQ	103.7230, -35.4750, -67.4670

Conversions

Conversions Part 2

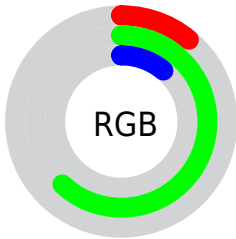
Format	Color
R_{YB}	28, 157, 157
Decimal	1875228
CIE _{Lab}	56.53, -56.71, 52.75
CIE _{LCh}	57, 77.446, 137.073
Yxy	24.4447, 0.3011, 0.5774
Android (android.graphics.Color)	4280065308 (0xFF1C9D1C)
YUV	103.7230, -37.3314, -66.4091
Hunter-Lab	49.4415, -40.5074, 28.4390

Details

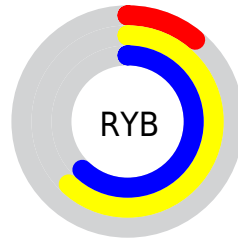
The YUV color **103.7230, -37.3314, -66.4091** is a dark color, and the websafe version is hex **009900**. A complement of this color would be **81.2770, 37.3314, 66.4091**, and the grayscale version is **104.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **164.2080, -39.5425, -57.1874**, and **61.0480, -30.0967, -53.5391** is the 20% darker color. If you saturate the color by 10%, you get **97.1150, -41.9617, -74.6459**, and if you desaturate by 10%, it is **110.3310, -32.7012, -58.1723**.

Distribution



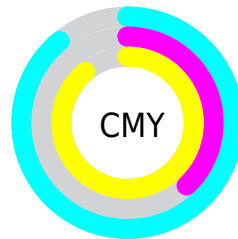
- Red (11%)
- Green (62%)
- Blue (11%)



- Red (11%)
- Yellow (62%)
- Blue (62%)



- Cyan (82%)
- Magenta (0%)
- Yellow (82%)
- Black (38%)



- Cyan (89%)
- Magenta (38%)
- Yellow (89%)

Brightness & Saturation Gradients

These gradients show how the YUV color 103.7230, -37.3314, -66.4091 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 103.7230, -37.3314, -66.4091 by changing the saturation by 10% instead.

■ 103.7230,
-37.3314, -66.4091

■ 103.7230,
-37.3314, -66.4091

255.0000, 0.0000,
0.0000

■ 76.3100, -37.6208,
-66.9239

■ 164.2080,
-39.5425, -57.1874

■ 61.0480, -30.0967,
-53.5391

■ 193.2790,
-40.5635, -56.3727

■ 46.3730, -22.8619,
-40.6691

■ 212.6590,
-36.8069, -47.9359

■ 32.2850, -15.9165,
-28.3139

■ 224.4080,
-29.2881, -32.8068

■ 18.1970, -8.9711,
-15.9588

■ 236.5700,
-21.4800, -17.1629

■ 0.0000, 0.0000,
0.0000

■ 248.8460,

-13.2351, -1.6189

254.5440, -1.7472,
0.3999

■ 103.7230,
-37.3314, -66.4091

■ 103.7230,
-37.3314, -66.4091

■ 97.1150, -41.9617,
-74.6459

■ 110.3310,
-32.7012, -58.1723

■ 92.1590, -45.4344,
-80.8234

■ 116.5260,
-28.3603, -50.4503

■ 123.1340,
-23.7301, -42.2135

■ 129.7420,
-19.0998, -33.9767

■ 136.3500,
-14.4695, -25.7399

■ 142.5450,
-10.1287, -18.0180

■ 149.1530, -5.4984,
-9.7812

■ 155.7610, -0.8682,
-1.5444

■ 161.9560, 3.4727,
6.1776

Harmonies

Analogous

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



122.8000, -60.5404, 4.5604



103.7230, -37.3314, -66.4091



107.4230, -2.1805, -94.2100

Triad

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



103.7230, -37.3314, -66.4091



118.2940, 67.3961, -103.7438



119.0330, -9.3833, 116.6121

Complementary

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



103.7230, -37.3314, -66.4091



81.2770, 37.3314, 66.4091

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.



125.5450, 20.9303, 100.3770



103.7230, -37.3314, -66.4091



117.0300, 68.0192, -70.1863

Square

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



103.7230, -37.3314, -66.4091



121.7700, 55.3294, -106.7923



138.3600, 44.6855, 40.9033



125.6010, -44.6663, 93.3119

Rectangle

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



103.7230, -37.3314, -66.4091



113.9550, 17.7702, -99.9385



138.3600, 44.6855, 40.9033



118.7200, 2.1100, 116.8866

Sweetspot

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



103.7230, -37.3314, -66.4091



182.9370, -14.7589, -26.2547



142.2940, -56.3469, 12.8972



89.1970, -8.9711, -15.9588



230.0000, 0.0000, 0.0000



102.0000, 0.0000, 0.0000

Same Dimension

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



103.7230, -37.3314, -66.4091



120.5740, -58.4570, -103.9894



111.1330, -8.9396, -72.9076



75.6960, -2.3151, -4.1184



83.9410, -41.3829, -73.6163



8.8050, -4.3409, -7.7220

Inverse Universe

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



81.2770, 37.3314, 66.4091



85.4260, 58.4570, 103.9894



73.9810, 9.3764, 72.8077



74.3040, 2.3151, 4.1184



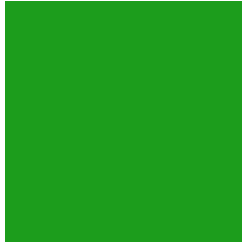
59.0590, 41.3829, 73.6163



6.1950, 4.3409, 7.7220

Previews

White Background



This preview shows how the YUV color 103.7230, -37.3314, -66.4091 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 103.7230, -37.3314, -66.4091 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 103.7230, -37.3314, -66.4091 Background



This preview shows how black text looks on a background with the YUV color 103.7230, -37.3314, -66.4091.



This preview shows how white text looks on a background with the YUV color 103.7230, -37.3314, -66.4091.

-66.4091.

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

103.7230, -37.3314, -66.4091

Protanopia

127.2010, -51.8641, 21.7487

Deuteranopia

130.5690, -43.1715, 33.7040



Tritanopia

124.6440, 16.4445, -47.9228

Trichromacy



Original Color

103.7230, -37.3314, -66.4091



Protanomaly

118.6700, -46.6723, -10.2346



Deuteranomaly

121.2070, -41.0211, -2.8125



Tritanomaly

117.1490, -3.0315, -54.5047

Monochromacy



Original Color

103.7230, -37.3314, -66.4091



Achromatopsia

104.0000, 0.0000, 0.0000



Achromatomaly

103.5890, -13.6014, -24.1956

CSS Examples

Text

The CSS property to change the color of the text to YUV 103.7230, -37.3314, -66.4091 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(28, 157, 28)` looks like.

```
.text, #text, p{  
    color:rgb(28, 157, 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(28, 157, 28) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(28, 157, 28) }
```

Border

The CSS property to change the border of an element to YUV 103.7230, -37.3314, -66.4091 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(28, 157, 28) }
```


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

```
.border{ border-color:rgb(28, 157, 28) }
```

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

Here you see how a box with a 4 pixel `rgb(28, 157, 28)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(28, 157, 28); -webkit-box-  
shadow:4px 4px 4px 4px rgb(28, 157, 28);  
box-shadow:4px 4px 4px 4px rgb(28, 157,  
28) }
```

Background

The CSS property to change the background color of an element to YUV 103.7230, -37.3314, -66.4091 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(28, 157, 28) }
```

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

```
.background{ background-color: rgb(28, 157,  
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](#).

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