

Converting Colors

YUV(112.8000, -37.3694,
-54.1986)

Have a look what the booklet for
YUV(112.8000, -37.3694, -54.1986)
contains.

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Color

**YUV(112.8000, -37.3694,
-54.1986)**

Conversions

Conversions Part 1

Format	Color
Hex	339F25
RGB	51, 159, 37
RGB Percent	20%, 62%, 15%
CMY	0.8000, 0.3765, 0.8549
CMYK	0.68, 0.00, 0.77, 0.38
HSL	113°, 62%, 38%
HSV	113°, 77%, 62%
XYZ	14.0973, 25.6337, 5.9551
YIQ	112.8000, -25.2060, -60.8380

Conversions

Conversions Part 2

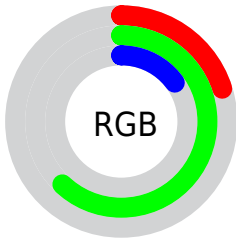
Format	Color
RYB	37, 159, 145
Decimal	3383077
CIELab	57.69, -52.95, 51.13
CIELCh	58, 73.608, 136.002
Yxy	25.6337, 0.3086, 0.5611
Android (android.graphics.Color)	4281573157 (0xFF339F25)
YUV	112.8000, -37.3694, -54.1986
Hunter-Lab	50.6297, -38.9005, 28.4671

Details

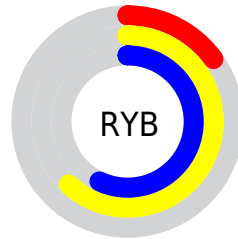
The YUV color **112.8000, -37.3694, -54.1986** is a dark color, and the websafe version is hex **339900**. A complement of this color would be **83.2000, 37.3694, 54.1986**, and the grayscale version is **113.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **170.0670, -38.9800, -50.9248**, and **62.2220, -30.6754, -54.5687** is the 20% darker color. If you saturate the color by 10%, you get **106.7900, -42.2945, -61.2058**, and if you desaturate by 10%, it is **118.8100, -32.4443, -47.1914**.

Distribution



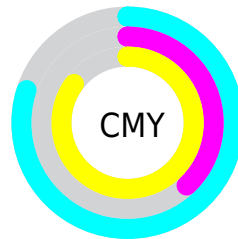
- Red (20%)
- Green (62%)
- Blue (15%)



- Red (15%)
- Yellow (62%)
- Blue (57%)



- Cyan (68%)
- Magenta (0%)
- Yellow (77%)
- Black (38%)



- Cyan (80%)
- Magenta (38%)
- Yellow (85%)

Brightness & Saturation Gradients

These gradients show how the YUV color 112.8000, -37.3694, -54.1986 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 112.8000, -37.3694, -54.1986 by changing the saturation by 10% instead.

■ 112.8000,
-37.3694, -54.1986

■ 112.8000,
-37.3694, -54.1986

■ 255.0000, 0.0000,
0.0000

■ 77.4840, -38.1996,
-67.9535

■ 170.0670,
-38.9800, -50.9248

■ 62.2220, -30.6754,
-54.5687

■ 198.7250,
-40.2904, -50.6248

■ 47.5470, -23.4407,
-41.6987

■ 216.9310,
-35.9550, -41.1585

■ 33.4590, -16.4953,
-29.3435

■ 229.0930,
-28.1468, -25.5146

■ 19.9580, -9.8393,
-17.5032

■ 240.9560,
-20.1913, -10.4854

■ 0.0000, 0.0000,
0.0000

■ 252.0360,

-11.3567, 2.5994

■ 112.8000,
-37.3694, -54.1986

■ 112.8000,
-37.3694, -54.1986

■ 106.7900,
-42.2945, -61.2058

■ 118.8100,
-32.4443, -47.1914

■ 100.7800,
-47.2195, -68.2131

■ 124.8200,
-27.5193, -40.1841

■ 98.7150, -48.6665,
-70.7871

■ 130.8300,
-22.5942, -33.1769

■ 136.8400,
-17.6691, -26.1697

■ 142.8500,
-12.7440, -19.1624

■ 148.7460, -8.2558,
-12.0552

■ 155.0550, -3.4781,
-4.4332

■ 161.0650, 1.4470,
2.5740

■ 167.0750, 6.3720,
9.5812

Harmonies

Analogous

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



126.0670, -62.1510, 7.8342



112.8000, -37.3694, -54.1986



108.8250, -1.8857, -95.4395

Triad

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



112.8000, -37.3694, -54.1986



120.0550, 66.5279, -105.2882



126.5760, -9.6510, 109.1198

Complementary

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



112.8000, -37.3694, -54.1986



83.2000, 37.3694, 54.1986

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.



132.7350, 19.3576, 91.4404



112.8000, -37.3694, -54.1986



122.6780, 65.2347, -63.7386

Square

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



112.8000, -37.3694, -54.1986



123.0750, 52.7140, -107.9368



141.8710, 42.9546, 36.0701



130.6760, -41.7453, 89.7381

Rectangle

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



112.8000, -37.3694, -54.1986



115.1290, 17.1914, -100.9681



141.8710, 42.9546, 36.0701



127.2090, 0.3900, 108.5647

Sweetspot

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



112.8000, -37.3694, -54.1986



188.6710, -14.6278, -21.6365



136.8740, -49.2379, 19.4045



93.8060, -9.2714, -12.9849



232.0000, 0.0000, 0.0000



105.0000, 0.0000, 0.0000

Same Dimension

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



112.8000, -37.3694, -54.1986



134.8090, -58.0798, -84.9015



113.9720, -14.7762, -67.5044



75.9950, -2.4625, -3.5036



88.7250, -43.7414, -63.7798



9.4030, -4.6357, -6.4924

Inverse Universe

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



83.2000, 37.3694, 54.1986



88.8920, 58.2272, 84.2867



82.0280, 14.7762, 67.5044



74.0050, 2.4625, 3.5036



53.9760, 43.8888, 63.1650



5.8960, 4.4883, 7.1072

Previews

White Background



This preview shows how the YUV color 112.8000, -37.3694, -54.1986 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 112.8000, -37.3694, -54.1986 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 112.8000, -37.3694, -54.1986 Background



This preview shows how black text looks on a background with the YUV color 112.8000, -37.3694, -54.1986.



This preview shows how white text looks on a background with the YUV color 112.8000, -37.3694, -54.1986.

-54.1986.

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

112.8000, -37.3694, -54.1986

Protanopia

130.9990, -48.8065, 21.0489

Deuteranopia

133.9110, -41.8611, 33.4041



Tritanopia

129.3350, 15.1178, -42.3898

Trichromacy



Original Color

112.8000, -37.3694, -54.1986



Protanomaly

124.5610, -44.6466, -6.6310



Deuteranomaly

126.1690, -40.0163, 1.6058



Tritanomaly

123.2640, -4.0742, -46.7125

Monochromacy



Original Color

112.8000, -37.3694, -54.1986



Achromatopsia

113.0000, 0.0000, 0.0000



Achromatomaly

112.9100, -13.7596, -20.0921

CSS Examples

Text

The CSS property to change the color of the text to YUV 112.8000, -37.3694, -54.1986 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(51, 159, 37)` looks like.

```
.text, #text, p{  
    color:rgb(51, 159, 37)  
}
```

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(51, 159, 37) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(51, 159, 37) }
```

Border

The CSS property to change the border of an element to YUV 112.8000, -37.3694, -54.1986 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(51, 159, 37) }
```


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

```
.border{ border-color:rgb(51, 159, 37) }
```

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

Here you see how a box with a 4 pixel `rgb(51, 159, 37)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(51, 159, 37); -webkit-box-  
shadow:4px 4px 4px 4px rgb(51, 159, 37);  
box-shadow:4px 4px 4px 4px rgb(51, 159,  
37) }
```

Background

The CSS property to change the background color of an element to YUV 112.8000, -37.3694, -54.1986 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(51, 159, 37) }
```

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

```
.background{ background-color: rgb(51, 159,  
37) }
```

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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