

Converting Colors

YUV(113.7910, -36.8720,
-27.0037)

Have a look what the booklet for
YUV(113.7910, -36.8720, -27.0037)
contains.

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Color

**YUV(113.7910, -36.8720,
-27.0037)**

Conversions

Conversions Part 1

Format	Color
Hex	539027
RGB	83, 144, 39
RGB Percent	33%, 56%, 15%
CMY	0.6745, 0.4353, 0.8471
CMYK	0.42, 0.00, 0.73, 0.44
HSL	95°, 57%, 36%
HSV	95°, 73%, 56%
XYZ	13.9067, 21.9320, 5.4198
YIQ	113.7910, -2.6510, -45.5870

Conversions

Conversions Part 2

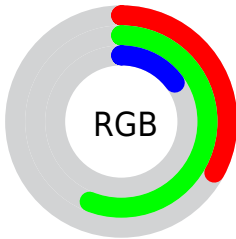
Format	Color
R_{YB}	39, 144, 100
Decimal	5476391
CIE _{Lab}	53.95, -38.06, 47.04
CIE _{LCh}	54, 60.509, 128.975
Yxy	21.9320, 0.3371, 0.5316
Android (android.graphics.Color)	4283666471 (0xFF539027)
YUV	113.7910, -36.8720, -27.0037
Hunter-Lab	46.8316, -28.9494, 25.9205

Details

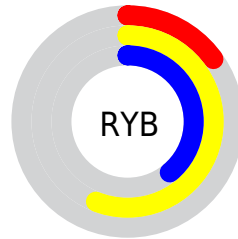
The YUV color **113.7910, -36.8720, -27.0037** is a dark color, and the websafe version is hex **669933**. A complement of this color would be **69.2090, 36.8720, 27.0037**, and the grayscale version is **114.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **167.5630, -37.7456, -26.8038**, and **62.3650, -30.7459, -31.8921** is the 20% darker color. If you saturate the color by 10%, you get **109.8030, -41.8079, -30.5222**, and if you desaturate by 10%, it is **117.7790, -31.9360, -23.4852**.

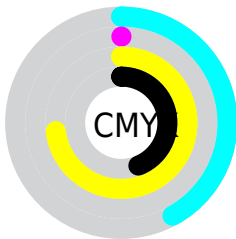
Distribution



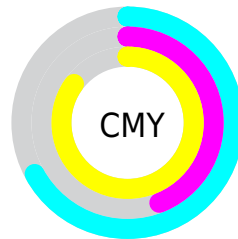
- Red (33%)
- Green (56%)
- Blue (15%)



- Red (15%)
- Yellow (56%)
- Blue (39%)



- Cyan (42%)
- Magenta (0%)
- Yellow (73%)
- Black (44%)



- Cyan (67%)
- Magenta (44%)
- Yellow (85%)

Brightness & Saturation Gradients

These gradients show how the YUV color 113.7910, -36.8720, -27.0037 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 113.7910, -36.8720, -27.0037 by changing the saturation by 10% instead.

■ 113.7910,
-36.8720, -27.0037

■ 113.7910,
-36.8720, -27.0037

■ 255.0000, 0.0000,
0.0000

■ 86.8080, -39.3453,
-27.0186

■ 167.5630,
-37.7456, -26.8038

■ 62.3650, -30.7459,
-31.8921

■ 195.9220,
-38.9085, -27.1186

■ 40.5030, -19.9680,
-35.5211

■ 223.8080,
-39.3453, -27.0186

■ 27.0020, -13.3120,
-23.6808

■ 235.5570,
-31.8266, -11.8895

■ 12.9140, -6.3666,
-11.3256

■ 247.4200,
-23.8711, 3.1397

■ 0.0000, 0.0000,
0.0000

■ 251.9220,

-11.7935, 2.6994

■ 113.7910,
-36.8720, -27.0037

■ 113.7910,
-36.8720, -27.0037

■ 109.8030,
-41.8079, -30.5222

■ 117.7790,
-31.9360, -23.4852

■ 105.4020,
-47.0332, -34.5556

■ 122.1800,
-26.7107, -19.4519

■ 102.4680,
-50.5167, -37.2444

■ 126.1680,
-21.7748, -15.9333

■ 130.2700,
-16.4021, -12.5148

■ 134.5570,
-11.6136, -8.3815

■ 138.5450, -6.6777,
-4.8630

■ 142.9460, -1.4524,
-0.8296

■ 146.9340, 3.4835,
2.6889

■ 151.0360, 8.8563,
6.1074

Harmonies

Analogous

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



119.3440, -58.8366, 18.1153



113.7910, -36.8720, -27.0037



98.7830, -4.8230, -86.6327

Triad

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



113.7910, -36.8720, -27.0037



110.8790, 56.7547, -97.2409



124.1000, -4.4863, 85.8583

Complementary

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



113.7910, -36.8720, -27.0037



69.2090, 36.8720, 27.0037

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.



129.1570, 19.1496, 64.7603



113.7910, -36.8720, -27.0037



107.9550, 61.6472, -79.7675

Square

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



113.7910, -36.8720, -27.0037



111.3400, 40.7514, -97.6452



132.5990, 38.6517, 16.1377



124.0410, -28.6142, 78.0170

Rectangle

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



113.7910, -36.8720, -27.0037



104.1750, 10.7597, -91.3615



132.5990, 38.6517, 16.1377



125.2550, 3.8183, 82.2144

Sweetspot

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



113.7910, -36.8720, -27.0037



174.1500, -14.3709, -10.6555



105.6150, -32.8412, 33.6636



87.0780, -8.4195, -6.2074



222.0000, 0.0000, 0.0000



94.0000, 0.0000, 0.0000

Same Dimension

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



113.7910, -36.8720, -27.0037



138.8990, -57.6312, -42.0074



101.4330, -27.3285, -54.7537



69.0060, -2.4680, -1.7593



96.2880, -47.4700, -34.4556



5.5930, -2.7573, -2.2741

Inverse Universe

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



69.2090, 36.8720, 27.0037



69.4000, 57.4838, 42.6222



81.5670, 27.3285, 54.7537



65.9940, 2.4680, 1.7593



39.0110, 47.3226, 35.0704



2.1080, 2.9048, 1.6593

Previews

White Background



This preview shows how the YUV color 113.7910, -36.8720, -27.0037 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 113.7910, -36.8720, -27.0037 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 113.7910, -36.8720, -27.0037 Background



This preview shows how black text looks on a background with the YUV color 113.7910, -36.8720, -27.0037.



This preview shows how white text looks on a background with the YUV color 113.7910, -36.8720, -27.0037.

-27.0037.

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

113.7910, -36.8720, -27.0037

Protanopia

122.7690, -43.2701, 18.6196

Deuteranopia

124.9260, -37.9245, 30.7599



Tritanopia

124.7890, 9.9640, -22.6170

Trichromacy



Original Color

113.7910, -36.8720, -27.0037

Protanomaly

119.2400, -41.0373, 2.4205

Deuteranomaly

120.9080, -37.4226, 9.7277

Tritanomaly

120.8970, -7.3442, -24.4657

Monochromacy



Original Color

113.7910, -36.8720, -27.0037

Achromatopsia

114.0000, 0.0000, 0.0000

Achromatomaly

114.0900, -13.3554, -9.7259

CSS Examples

Text

The CSS property to change the color of the text to YUV 113.7910, -36.8720, -27.0037 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(83, 144, 39)` looks like.

```
.text, #text, p{  
    color:rgb(83, 144, 39)  
}
```

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(83, 144, 39) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(83, 144, 39) }
```

Border

The CSS property to change the border of an element to YUV 113.7910, -36.8720, -27.0037 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(83, 144, 39) }
```


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

```
.border{ border-color:rgb(83, 144, 39) }
```

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

Here you see how a box with a 4 pixel rgb(83, 144, 39) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(83, 144, 39); -webkit-box-  
shadow:4px 4px 4px 4px rgb(83, 144, 39);  
box-shadow:4px 4px 4px 4px rgb(83, 144,  
39) }
```

Background

The CSS property to change the background color of an element to YUV 113.7910, -36.8720, -27.0037 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(83, 144, 39) }
```

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

```
.background{ background-color: rgb(83, 144,  
39) }
```

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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