

Converting Colors

YUV(127.7430, -37.3413,
-16.4376)

Have a look what the booklet for
YUV(127.7430, -37.3413, -16.4376)
contains.

YUV(127.7430, -37.3413, -16.4376)	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(127.7430, -37.3413,
-16.4376)**

Conversions

Conversions Part 1

Format	Color
Hex	6D9834
RGB	109, 152, 52
RGB Percent	43%, 60%, 20%
CMY	0.5725, 0.4039, 0.7961
CMYK	0.28, 0.00, 0.66, 0.40
HSL	86°, 49%, 40%
HSV	86°, 66%, 60%
XYZ	18.1547, 25.9556, 7.3019
YIQ	127.7430, 6.4720, -40.2160

Conversions

Conversions Part 2

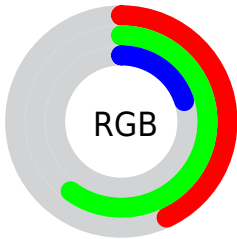
Format	Color
RYB	52, 152, 95
Decimal	7182388
CIELab	57.99, -30.99, 46.32
CIELCh	58, 55.733, 123.784
Yxy	25.9556, 0.3531, 0.5049
Android (android.graphics.Color)	4285372468 (0xFF6D9834)
YUV	127.7430, -37.3413, -16.4376
Hunter-Lab	50.9467, -25.5485, 27.1650

Details

The YUV color **127.7430, -37.3413, -16.4376** is a dark color, and the websafe version is hex **669933**. A complement of this color would be **76.2570, 37.3413, 16.4376**, and the grayscale version is **128.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **181.9880, -38.9411, -16.6525**, and **76.3300, -37.6307, -16.9524** is the 20% darker color. If you saturate the color by 10%, you get **123.9400, -42.8614, -19.2414**, and if you desaturate by 10%, it is **131.5460, -31.8212, -13.6338**.

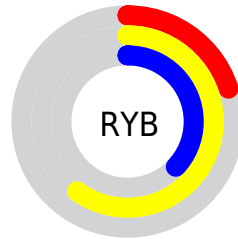
Distribution



Red (43%)

Green (60%)

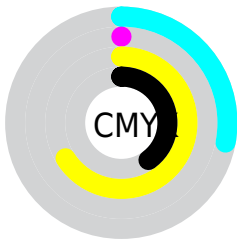
Blue (20%)



Red (20%)

Yellow (60%)

Blue (37%)

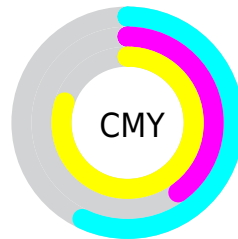


Cyan (28%)

Magenta (0%)

Yellow (66%)

Black (40%)



Cyan (57%)

Magenta (40%)

Yellow (80%)

Brightness & Saturation Gradients

These gradients show how the YUV color 127.7430, -37.3413, -16.4376 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 127.7430, -37.3413, -16.4376 by changing the saturation by 10% instead.

■ 127.7430,
-37.3413, -16.4376

■ 127.7430,
-37.3413, -16.4376

■ 255.0000, 0.0000,
0.0000

■ 101.6290,
-37.7781, -16.3376

■ 181.9880,
-38.9411, -16.6525

■ 76.3300, -37.6307,
-16.9524

■ 209.8740,
-39.3779, -16.5525

■ 53.8810, -26.5633,
-20.0666

■ 233.3630,
-37.6470, -11.7194

■ 31.1110, -15.3377,
-27.2843

■ 245.1120,
-30.1282, 3.4098

■ 19.9580, -9.8393,
-17.5032

■ 250.0980,
-18.7823, 4.2991

■ 0.0000, 0.0000,
0.0000

■ 253.4040, -6.1152,

1.3997

■ 127.7430,
-37.3413, -16.4376

■ 127.7430,
-37.3413, -16.4376

■ 123.9400,
-42.8614, -19.2414

■ 131.5460,
-31.8212, -13.6338

■ 120.4360,
-48.5289, -21.4304

■ 135.0500,
-26.1537, -11.4449

■ 116.5190,
-54.4859, -24.1342

■ 138.9670,
-20.1967, -8.7411

■ 115.2370,
-56.8118, -24.7638

■ 142.4710,
-14.5292, -6.5521

■ 146.2740, -9.0091,
-3.7483

■ 149.7780, -3.3416,
-1.5593

■ 153.5810, 2.1786,
1.2445

■ 157.1990, 8.2829,
3.3335

■ 161.0020, 13.8030,
6.1372

Harmonies

Analogous

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



132.6680, -50.1223, 23.0932



127.7430, -37.3413, -16.4376



110.3170, -8.0443, -80.0850

Triad

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



127.7430, -37.3413, -16.4376



117.3360, 53.5714, -102.9037



137.8540, -1.4070, 78.1810

Complementary

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



127.7430, -37.3413, -16.4376



76.2570, 37.3413, 16.4376

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.



142.0200, 20.2031, 53.4795



127.7430, -37.3413, -16.4376



119.0320, 58.1582, -80.7121

Square

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



127.7430, -37.3413, -16.4376



116.9820, 36.9839, -102.5932



142.5330, 38.6842, 5.6716



136.5830, -23.9514, 75.7877

Rectangle

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



127.7430, -37.3413, -16.4376



109.5720, 8.5920, -96.0946



142.5330, 38.6842, 5.6716



139.4710, 6.1768, 72.3779

Sweetspot

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



127.7430, -37.3413, -16.4376



186.4710, -14.5292, -6.5521



106.5540, -26.8951, 39.8561



93.3880, -8.5723, -3.8483



227.0000, 0.0000, 0.0000



99.0000, 0.0000, 0.0000

Same Dimension

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



127.7430, -37.3413, -16.4376



158.5960, -57.9748, -25.0787



113.0920, -30.1184, -46.5617



74.8920, -2.9048, -1.6593



106.1000, -52.3073, -22.8897



9.7240, -4.7939, -2.3889

Inverse Universe

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



76.2570, 37.3413, 16.4376



78.7030, 57.8274, 25.6935



90.9080, 30.1184, 46.5617



70.8090, 3.0522, 1.0445



33.9000, 52.3073, 22.8897



2.9770, 4.9413, 1.7742

Previews

White Background



This preview shows how the YUV color 127.7430, -37.3413, -16.4376 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 127.7430, -37.3413, -16.4376 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

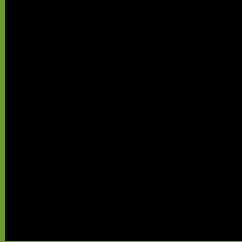
Any Text WCAG AA ✓ Pass

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 127.7430, -37.3413, -16.4376 Background



This preview shows how black text looks on a background with the YUV color 127.7430, -37.3413, -16.4376.



This preview shows how white text looks on a background with the YUV color 127.7430, -37.3413, -16.4376.

-16.4376.

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

127.7430, -37.3413, -16.4376

Protanopia

133.4100, -42.1071, 18.9344

Deuteranopia

135.5240, -38.2193, 31.9895



Tritanopia

137.2740, 7.7529, -13.3953

Trichromacy



Original Color

127.7430, -37.3413, -16.4376

Protanomaly

131.3760, -40.6114, 5.8092

Deuteranomaly

132.5280, -37.7283, 14.4459

Tritanomaly

133.9090, -8.8291, -14.8292

Monochromacy



Original Color

127.7430, -37.3413, -16.4376

Achromatopsia

128.0000, 0.0000, 0.0000

Achromatomaly

127.9980, -13.8030, -6.1372

CSS Examples

Text

The CSS property to change the color of the text to YUV 127.7430, -37.3413, -16.4376 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(109, 152, 52)` looks like.

```
.text, #text, p{  
    color:rgb(109, 152, 52)  
}
```

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(109, 152, 52) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(109, 152, 52) }
```

Border

The CSS property to change the border of an element to YUV 127.7430, -37.3413, -16.4376 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(109, 152, 52) }
```


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

```
.border{ border-color:rgb(109, 152, 52) }
```

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

Here you see how a box with a 4 pixel `rgb(109, 152, 52)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(109, 152, 52); -webkit-box-  
shadow:4px 4px 4px 4px rgb(109, 152, 52);  
box-shadow:4px 4px 4px 4px rgb(109, 152,  
52) }
```

Background

The CSS property to change the background color of an element to YUV 127.7430, -37.3413, -16.4376 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(109, 152, 52) }
```

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

```
.background{ background-color: rgb(109,  
152, 52) }
```

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