

Converting Colors

YUV(122.3760, -37.1604,
18.9642)

Have a look what the booklet for
YUV(122.3760, -37.1604, 18.9642)
contains.

YUV(122.3760, -37.1604, 18.9642)	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(122.3760, -37.1604,
18.9642)**

Conversions

Conversions Part 1

Format	Color
Hex	907E2F
RGB	144, 126, 47
RGB Percent	56%, 49%, 18%
CMY	0.4353, 0.5059, 0.8157
CMYK	0.00, 0.12, 0.67, 0.44
HSL	49°, 51%, 37%
HSV	49°, 67%, 56%
XYZ	19.4755, 21.0562, 5.7271
YIQ	122.3760, 36.0870, -20.7530

Conversions

Conversions Part 2

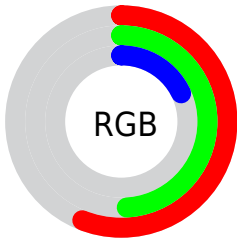
Format	Color
R_{YB}	69, 144, 47
Decimal	9469487
CIE _{Lab}	53.01, -2.69, 44.05
CIE _{LCh}	53, 44.131, 93.493
Yxy	21.0562, 0.4210, 0.4552
Android (android.graphics.Color)	4287659567 (0xFF907E2F)
YUV	122.3760, -37.1604, 18.9642
Hunter-Lab	45.8871, -4.5428, 24.7210

Details

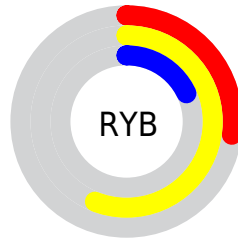
The YUV color $[122.3760, -37.1604, 18.9642]$ is a dark color, and the websafe version is hex 666600 . A complement of this color would be $[68.6240, 37.1604, -18.9642]$, and the grayscale version is $[123.0000, 0.0000, 0.0000]$.

A 20% lighter version of the original color is $[175.3440, -38.6236, 21.6233]$, and $[72.1090, -35.5497, 15.6904]$ is the 20% darker color. If you saturate the color by 10%, you get $[119.0190, -42.4074, 21.9083]$, and if you desaturate by 10%, it is $[125.7330, -31.9134, 16.0202]$.

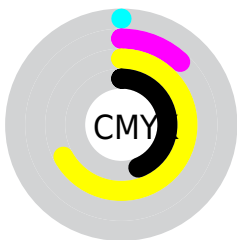
Distribution



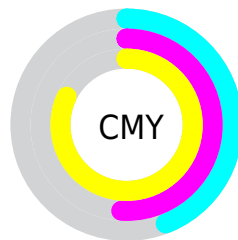
- Red (56%)
- Green (49%)
- Blue (18%)



- Red (27%)
- Yellow (56%)
- Blue (18%)



- Cyan (0%)
- Magenta (12%)
- Yellow (67%)
- Black (44%)



- Cyan (44%)
- Magenta (51%)
- Yellow (82%)

Brightness & Saturation Gradients

These gradients show how the YUV color 122.3760, -37.1604, 18.9642 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 122.3760, -37.1604, 18.9642 by changing the saturation by 10% instead.

■ 122.3760,
-37.1604, 18.9642

■ 122.3760,
-37.1604, 18.9642

■ 255.0000, 0.0000,
0.0000

■ 96.6640, -37.3024,
17.8347

■ 175.3440,
-38.6236, 21.6233

■ 72.1090, -35.5497,
15.6904

■ 203.4150,
-39.6446, 22.4380

■ 51.7200, -25.4980,
11.6466

■ 230.5890,
-40.2234, 21.4084

■ 31.9180, -15.7356,
7.0879

■ 246.1080,
-34.0702, 7.7983

■ 10.0340, -4.9468,
-0.0298

■ 249.3000,
-21.8399, 4.9989

■ 0.0000, 0.0000,
0.0000

■ 252.4920, -9.6096,

2.1995

■ 122.3760,
-37.1604, 18.9642

■ 122.3760,
-37.1604, 18.9642

■ 119.0190,
-42.4074, 21.9083

■ 125.7330,
-31.9134, 16.0202

■ 116.1350,
-48.3806, 24.4376

■ 128.6170,
-25.9402, 13.4909

■ 112.7780,
-53.6276, 27.3817

■ 131.9740,
-20.6932, 10.5468

■ 111.7350,
-55.0854, 28.2964

■ 135.4450,
-15.0094, 7.5027

■ 138.2150, -9.4730,
5.0734

■ 141.5720, -4.2260,
2.1294

■ 145.0430, 1.4578,
-0.9147

■ 147.8130, 6.9942,
-3.3440

■ 151.2840, 12.6780,
-6.3881

Harmonies

Analogous

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



124.6810, -32.8737, 44.1298



122.3760, -37.1604, 18.9642



118.0670, -28.6270, -11.4598

Triad

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



122.3760, -37.1604, 18.9642



104.1530, 30.9836, -91.3422



129.9770, 15.2943, 41.2392

Complementary

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



122.3760, -37.1604, 18.9642



68.6240, 37.1604, -18.9642

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.



129.5300, 29.8117, 4.7972



122.3760, -37.1604, 18.9642



103.7090, 44.5135, -90.9528

Square

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



122.3760, -37.1604, 18.9642



99.9350, 14.8220, -87.6430



117.2890, 41.7625, -48.4885



127.3310, -1.6422, 60.2227

Rectangle

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



122.3760, -37.1604, 18.9642



113.4150, -16.4736, -36.3210



117.2890, 41.7625, -48.4885



130.5780, 20.4210, 30.1881

Sweetspot

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



122.3760, -37.1604, 18.9642



177.6730, -14.1358, 7.3028



78.1690, -5.9993, 57.7338



89.1440, -8.4520, 4.2587



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.



122.3760, -37.1604, 18.9642



152.3500, -57.8535, 29.5111



124.2710, -38.0946, -8.1307



69.6150, -2.7682, 1.2146



104.9350, -51.7330, 26.3670



5.9140, -2.9156, 1.8294

Inverse Universe

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



68.6240, 37.1604, -18.9642



68.6500, 57.8535, -29.5111



66.7290, 38.0946, 8.1307



65.9720, 2.4788, -1.7294



30.0650, 51.7330, -26.3670



1.4990, 3.2050, -1.3146

Previews

White Background



This preview shows how the YUV color 122.3760, -37.1604, 18.9642 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 122.3760, -37.1604, 18.9642 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

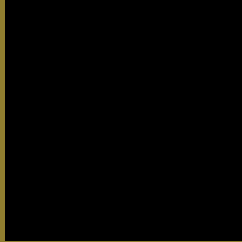
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 122.3760, -37.1604, 18.9642

Background



This preview shows how black text looks on a background with the YUV color 122.3760, -37.1604, 18.9642.



This preview shows how white text looks on a background with the YUV color 122.3760, -37.1604, 18.9642.

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

122.3760, -37.1604, 18.9642

Protanopia

122.0660, -37.0075, 16.6051

Deuteranopia

123.2680, -36.6141, 30.4600



Tritanopia

128.5940, -0.7858, 18.7731

Trichromacy



Original Color

122.3760, -37.1604, 18.9642

Protanomaly

122.3650, -37.1549, 17.2199

Deuteranomaly

122.8330, -36.8927, 26.4565

Tritanomaly

126.4510, -14.0263, 18.8985

Monochromacy



Original Color

122.3760, -37.1604, 18.9642

Achromatopsia

122.0000, 0.0000, 0.0000

Achromatomaly

121.9010, -13.2622, 7.1028

CSS Examples

Text

The CSS property to change the color of the text to YUV 122.3760, -37.1604, 18.9642 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(144, 126, 47)` looks like.

```
.text, #text, p{  
    color:rgb(144, 126, 47)  
}
```

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(144, 126, 47) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(144, 126, 47) }
```

Border

The CSS property to change the border of an element to YUV 122.3760, -37.1604, 18.9642 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(144, 126, 47) }
```


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

```
.border{ border-color:rgb(144, 126, 47) }
```

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

Here you see how a box with a 4 pixel rgb(144, 126, 47) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(144, 126, 47); -webkit-box-  
shadow:4px 4px 4px 4px rgb(144, 126, 47);  
box-shadow:4px 4px 4px 4px rgb(144, 126,  
47) }
```

Background

The CSS property to change the background color of an element to YUV 122.3760, -37.1604, 18.9642 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(144, 126, 47) }
```

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

```
.background{ background-color: rgb(144,  
126, 47) }
```

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