

Converting Colors

YUV(101.3960, -37.6632,
-6.4863)

Have a look what the booklet for
YUV(101.3960, -37.6632, -6.4863)
contains.

| | |
|--|----|
| YUV(101.3960, -37.6632, -6.4863) | 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(101.3960, -37.6632,
-6.4863)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|-----------------------------|
| Hex | 5E7819 |
| RGB | 94, 120, 25 |
| RGB Percent | 37%, 47%, 10% |
| CMY | 0.6314, 0.5294, 0.9020 |
| CMYK | 0.22, 0.00, 0.79, 0.53 |
| HSL | 76°, 66%, 28% |
| HSV | 76°, 79%, 47% |
| XYZ | 11.5080, 15.8828, 3.3789 |
| YIQ | 101.3960, 14.9990, -35.0570 |

Conversions

Conversions Part 2

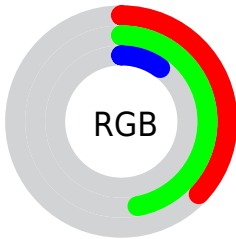
| Format | Color |
|-------------------------------------|--------------------------------|
| R_{YB} | 25, 120, 51 |
| Decimal | 6191129 |
| CIE _{Lab} | 46.82, -23.42, 45.46 |
| CIE _{LCh} | 47, 51.140, 117.256 |
| Yxy | 15.8828, 0.3740, 0.5162 |
| Android (android.graphics.Color) | 4284381209 (0xFF5E7819) |
| YUV | 101.3960, -37.6632, -6.4863 |
| Hunter-Lab | 39.8532, -18.1995, 22.8705 |

Details

The YUV color **101.3960, -37.6632, -6.4863** is a dark color, and the websafe version is hex **336600**. A complement of this color would be **43.6040, 37.6632, 6.4863**, and the grayscale version is **102.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **153.6950, -37.8106, -5.8715**, and **54.8330, -27.0327, -9.5005** is the 20% darker color. If you saturate the color by 10%, you get **99.1310, -42.4626, -7.1309**, and if you desaturate by 10%, it is **103.6610, -32.8639, -5.8417**.

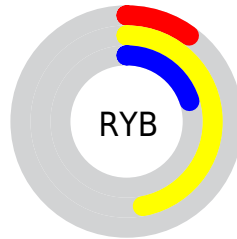
Distribution



Red (37%)

Green (47%)

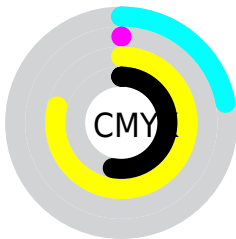
Blue (10%)



Red (10%)

Yellow (47%)

Blue (20%)

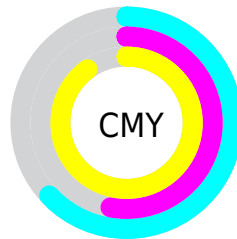


Cyan (22%)

Magenta (0%)

Yellow (79%)

Black (53%)



Cyan (63%)

Magenta (53%)

Yellow (90%)

Brightness & Saturation Gradients

These gradients show how the YUV color 101.3960, -37.6632, -6.4863 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 101.3960, -37.6632, -6.4863 by changing the saturation by 10% instead.

■ 101.3960,
-37.6632, -6.4863

■ 101.3960,
-37.6632, -6.4863

■ 255.0000, 0.0000,
0.0000

■ 76.0970, -37.5158,
-7.1011

■ 153.6950,
-37.8106, -5.8715

■ 54.8330, -27.0327,
-9.5005

■ 181.4670,
-38.6842, -5.6716

■ 33.8460, -16.6861,
-14.7739

■ 209.2390,
-39.5578, -5.4716

■ 17.6100, -8.6817,
-15.4440

■ 236.8370,
-39.8526, -4.2420

■ 0.0000, 0.0000,
0.0000

■ 246.7920,
-31.4495, 7.1984

■ 249.9840,

-19.2191, 4.3990

253.2900, -6.5520,
1.4997

101.3960,
-37.6632, -6.4863

101.3960,
-37.6632, -6.4863

99.1310, -42.4626,
-7.1309

103.6610,
-32.8639, -5.8417

96.5670, -47.1145,
-8.3903

106.2250,
-28.2119, -4.5823

96.4530, -47.5513,
-8.2903

108.4900,
-23.4126, -3.9377

110.7550,
-18.6132, -3.2931

113.0200,
-13.8139, -2.6485

■ 115.5840, -9.1619,
-1.3892

■ 117.8490, -4.3626,
-0.7446

■ 120.1140, 0.4368,
-0.1000

■ 122.6780, 5.0887,
1.1594

Harmonies

Analogous

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



105.3140, -46.4968, 26.9116



101.3960, -37.6632, -6.4863



89.9890, -13.7986, -54.3644

Triad

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



101.3960, -37.6632, -6.4863



95.4110, 43.1814, -83.6754



109.1560, 3.8671, 66.5152

Complementary

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



101.3960, -37.6632, -6.4863



43.6040, 37.6632, 6.4863

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.



113.6870, 21.8463, 39.7395



101.3960, -37.6632, -6.4863



91.1370, 52.1905, -79.9271

Square

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



101.3960, -37.6632, -6.4863



93.8830, 27.1727, -82.3354



111.5160, 37.7066, -7.4685



107.4880, -16.5096, 68.8550

Rectangle

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



101.3960, -37.6632, -6.4863



86.6840, 2.1278, -76.0219



111.5160, 37.7066, -7.4685



110.7190, 9.9985, 59.8824

Sweetspot

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



101.3960, -37.6632, -6.4863



148.3790, -14.9768, -2.9634



68.0800, -21.2384, 45.5338



74.5840, -9.1619, -1.3892



207.0000, 0.0000, 0.0000



79.0000, 0.0000, 0.0000

Same Dimension

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



101.3960, -37.6632, -6.4863



126.8690, -58.6024, -10.4091



87.3430, -30.7351, -35.3808



60.0170, -2.4734, -0.0149



100.5840, -49.5879, -8.4052



202.6410, -99.9020, -17.2252

Inverse Universe

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



43.6040, 37.6632, 6.4863



36.8320, 58.7498, 9.7943



57.6570, 30.7351, 35.3808



56.2820, 2.3260, 0.6297



24.4160, 49.5879, 8.4052



49.3590, 99.9020, 17.2252

Previews

White Background



This preview shows how the YUV color 101.3960, -37.6632, -6.4863 looks on a white 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

Black Background



This preview shows how the YUV color 101.3960, -37.6632, -6.4863 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

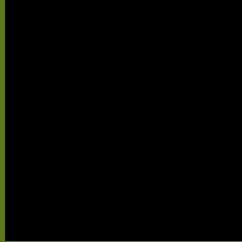
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 101.3960, -37.6632, -6.4863

Background



This preview shows how black text looks on a background with the YUV color 101.3960, -37.6632, -6.4863.



This preview shows how white text looks on a background with the YUV color 101.3960, -37.6632, -6.4863.

-6.4863.

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

101.3960, -37.6632, -6.4863

Protanopia

105.1540, -40.5019, 17.4049

Deuteranopia

106.8440, -36.8981, 28.2008



Tritanopia

110.6340, 5.1104, -5.8180

Trichromacy



Original Color

101.3960, -37.6632, -6.4863

Protanomaly

103.7400, -39.3118, 8.9980

Deuteranomaly

104.6530, -37.2969, 16.0903

Tritanomaly

107.2090, -10.4560, -6.3223

Monochromacy



Original Color

101.3960, -37.6632, -6.4863

Achromatopsia

101.0000, 0.0000, 0.0000

Achromatomaly

101.0200, -13.8139, -2.6485

CSS Examples

Text

The CSS property to change the color of the text to YUV 101.3960, -37.6632, -6.4863 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(94, 120, 25)` looks like.

```
.text, #text, p{  
    color:rgb(94, 120, 25)  
}
```

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(94, 120, 25) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(94, 120, 25) }
```

Border

The CSS property to change the border of an element to YUV 101.3960, -37.6632, -6.4863 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(94, 120, 25) }
```


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

```
.border{ border-color:rgb(94, 120, 25) }
```

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

Here you see how a box with a 4 pixel `rgb(94, 120, 25)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(94, 120, 25); -webkit-box-  
shadow:4px 4px 4px 4px rgb(94, 120, 25);  
box-shadow:4px 4px 4px 4px rgb(94, 120,  
25) }
```

Background

The CSS property to change the background color of an element to YUV 101.3960, -37.6632, -6.4863 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(94, 120, 25) }
```

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

```
.background{ background-color: rgb(94, 120,  
25) }
```

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