

Converting Colors

YUV(97.4940, -39.6835,
-11.8342)

Have a look what the booklet for
YUV(97.4940, -39.6835, -11.8342)
contains.

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Color

**YUV(97.4940, -39.6835,
-11.8342)**

Conversions

Conversions Part 1

| Format | Color |
|---------------|----------------------------|
| Hex | 547811 |
| RGB | 84, 120, 17 |
| RGB Percent | 33%, 47%, 7% |
| CMY | 0.6706, 0.5294, 0.9333 |
| CMYK | 0.30, 0.00, 0.86, 0.53 |
| HSL | 81°, 75%, 27% |
| HSV | 81°, 86%, 47% |
| XYZ | 10.4738, 15.3582, 2.9427 |
| YIQ | 97.4940, 11.6070, -39.6650 |

Conversions

Conversions Part 2

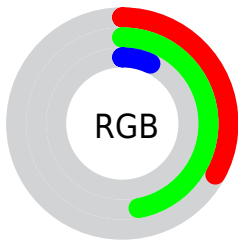
| Format | Color |
|-------------------------------------|--------------------------------|
| RYB | 17, 120, 53 |
| Decimal | 5535761 |
| CIELab | 46.12, -28.05, 47.09 |
| CIELCh | 46, 54.807, 120.783 |
| Yxy | 15.3582, 0.3640, 0.5337 |
| Android (android.graphics.Color) | 4283725841 (0xFF547811) |
| YUV | 97.4940, -39.6835, -11.8342 |
| Hunter-Lab | 39.1896, -20.8759, 22.9807 |

Details

The YUV color **97.4940, -39.6835, -11.8342** is a dark color, and the websafe version is hex **336600**. A complement of this color would be **39.5060, 39.6835, 11.8342**, and the grayscale version is **98.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **150.6080, -39.2467, -11.9342**, and **51.5440, -25.4112, -16.2631** is the 20% darker color. If you saturate the color by 10%, you get **94.9300, -44.3355, -13.0936**, and if you desaturate by 10%, it is **100.0580, -35.0316, -10.5749**.

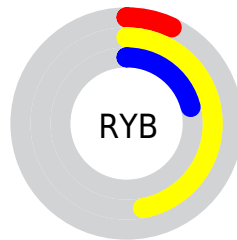
Distribution



Red (33%)

Green (47%)

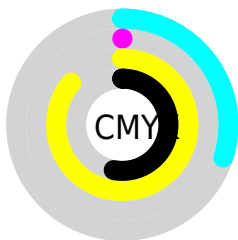
Blue (7%)



Red (7%)

Yellow (47%)

Blue (21%)

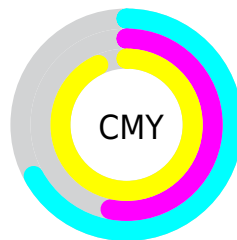


Cyan (30%)

Magenta (0%)

Yellow (86%)

Black (53%)



Cyan (67%)

Magenta (53%)

Yellow (93%)

Brightness & Saturation Gradients

These gradients show how the YUV color 97.4940, -39.6835, -11.8342 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 97.4940, -39.6835, -11.8342 by changing the saturation by 10% instead.

■ 97.4940, -39.6835,
-11.8342

■ 97.4940, -39.6835,
-11.8342

255.0000, 0.0000,
0.0000

■ 73.1070, -36.0418,
-13.2488

■ 150.6080,
-39.2467, -11.9342

■ 51.5440, -25.4112,
-16.2631

■ 177.4940,
-39.6835, -11.8342

■ 28.7740, -14.1856,
-23.4808

■ 205.5650,
-40.7045, -11.0195

■ 17.6100, -8.6817,
-15.4440

■ 232.8640,
-40.8520, -10.4047

■ 0.0000, 0.0000,
0.0000

■ 244.7270,
-32.8964, 4.6244

■ 249.4140,

-21.4031, 4.8989

252.6060, -9.1728,
2.0995

97.4940, -39.6835,
-11.8342

97.4940, -39.6835,
-11.8342

94.9300, -44.3355,
-13.0936

100.0580,
-35.0316, -10.5749

93.7620, -46.2247,
-13.8233

102.6220,
-30.3796, -9.3155

105.4850,
-25.8751, -7.4413

108.0490,
-21.2232, -6.1820

110.6130,
-16.5712, -4.9226

■ 113.1770,
-11.9193, -3.6632

■ 115.7410, -7.2673,
-2.4039

■ 118.6040, -2.7628,
-0.5297

■ 121.1680, 1.8892,
0.7297

Harmonies

Analogous

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



102.2660, -50.4171, 24.3227



97.4940, -39.6835, -11.8342



81.6170, -9.6712, -71.5781

Triad

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



97.4940, -39.6835, -11.8342



94.9210, 46.3809, -83.2457



105.4450, 2.2456, 73.2777

Complementary

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



97.4940, -39.6835, -11.8342



39.5060, 39.6835, 11.8342

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.



111.0300, 21.6772, 47.3317



97.4940, -39.6835, -11.8342



89.9460, 55.2426, -78.8826

Square

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



97.4940, -39.6835, -11.8342



93.9800, 30.0829, -82.4205



110.4890, 38.7059, -1.3059



104.4130, -19.4306, 72.4288

Rectangle

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



97.4940, -39.6835, -11.8342



86.9120, 3.0014, -76.2218



110.4890, 38.7059, -1.3059



106.8340, 8.9558, 67.6746

Sweetspot

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



97.4940, -39.6835, -11.8342



146.8410, -15.6976, -5.1226



67.7550, -25.0222, 45.8189



73.5730, -9.1565, -3.1335



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.



97.4940, -39.6835, -11.8342



121.7710, -60.0331, -18.2162



82.5440, -32.3132, -42.5731



59.7180, -2.3260, -0.6297



97.5940, -48.1138, -14.5529



196.9600, -97.1013, -28.9059

Inverse Universe

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



39.5060, 39.6835, 11.8342



33.9300, 60.1805, 17.6014



54.4560, 32.3132, 42.5731



56.2820, 2.3260, 0.6297



27.4060, 48.1138, 14.5529



55.0400, 97.1013, 28.9059

Previews

White Background



This preview shows how the YUV color 97.4940, -39.6835, -11.8342 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 97.4940, -39.6835, -11.8342 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 97.4940, -39.6835, -11.8342

Background



This preview shows how black text looks on a background with the YUV color 97.4940, -39.6835, -11.8342.



This preview shows how white text looks on a background with the YUV color 97.4940, -39.6835, -11.8342.

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

97.4940, -39.6835, -11.8342

Protanopia

102.3560, -43.5595, 18.1048

Deuteranopia

104.6160, -37.7717, 28.4008



Tritanopia

107.9430, 6.4371, -11.3510

Trichromacy



Original Color

97.4940, -39.6835, -11.8342

Protanomaly

100.6320, -42.2166, 7.3387

Deuteranomaly

102.0010, -38.4545, 14.0311

Tritanomaly

104.1760, -10.4398, -11.5554

Monochromacy



Original Color

97.4940, -39.6835, -11.8342

Achromatopsia

97.0000, 0.0000, 0.0000

Achromatomaly

96.8950, -14.2452, -4.2929

CSS Examples

Text

The CSS property to change the color of the text to YUV 97.4940, -39.6835, -11.8342 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(84, 120, 17)` looks like.

```
.text, #text, p{  
    color:rgb(84, 120, 17)  
}
```

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(84, 120, 17) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(84, 120, 17) }
```

Border

The CSS property to change the border of an element to YUV 97.4940, -39.6835, -11.8342 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(84, 120, 17) }
```


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

```
.border{ border-color:rgb(84, 120, 17) }
```

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

Here you see how a box with a 4 pixel `rgb(84, 120, 17)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(84, 120, 17); -webkit-box-  
shadow:4px 4px 4px 4px rgb(84, 120, 17);  
box-shadow:4px 4px 4px 4px rgb(84, 120,  
17) }
```

Background

The CSS property to change the background color of an element to YUV 97.4940, -39.6835, -11.8342 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(84, 120, 17) }
```

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

```
.background{ background-color: rgb(84, 120,  
17) }
```

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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