

Converting Colors

YUV(137.6790, -40.2677,
-11.1195)

Have a look what the booklet for
YUV(137.6790, -40.2677, -11.1195)
contains.

| | |
|--|----|
| YUV(137.6790, -40.2677, -11.1195) | 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(137.6790, -40.2677,
-11.1195)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|-----------------------------|
| Hex | 7DA038 |
| RGB | 125, 160, 56 |
| RGB Percent | 49%, 63%, 22% |
| CMY | 0.5098, 0.3725, 0.7804 |
| CMYK | 0.22, 0.00, 0.65, 0.37 |
| HSL | 80°, 48%, 42% |
| HSV | 80°, 65%, 63% |
| XYZ | 21.7421, 29.7871, 8.3449 |
| YIQ | 137.6790, 12.5240, -39.7640 |

Conversions

Conversions Part 2

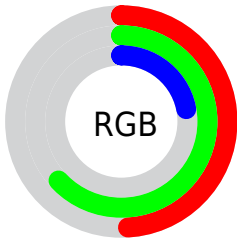
| Format | Color |
|-------------------------------------|---------------------------------|
| RYB | 56, 160, 91 |
| Decimal | 8233016 |
| CIELab | 61.47, -28.13, 48.62 |
| CIElCh | 61, 56.168, 120.057 |
| Yxy | 29.7871, 0.3631, 0.4975 |
| Android (android.graphics.Color) | 4286423096 (0xFF7DA038) |
| YUV | 137.6790, -40.2677, -11.1195 |
| Hunter-Lab | 54.5776, -24.4017, 29.1388 |

Details

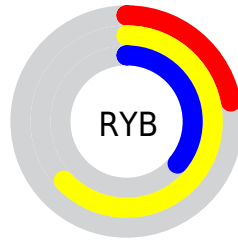
The YUV color **137.6790, -40.2677, -11.1195** is a dark color, and the websafe version is hex **669933**. A complement of this color would be **78.3210, 40.2677, 11.1195**, and the grayscale version is **138.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **192.3370, -41.5781, -10.8195**, and **84.9240, -41.8675, -11.3343** is the 20% darker color. If you saturate the color by 10%, you get **134.3600, -46.5195, -12.5937**, and if you desaturate by 10%, it is **140.9980, -34.0160, -9.6452**.

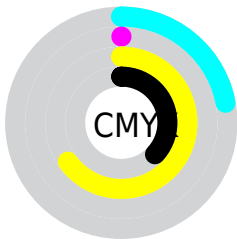
Distribution



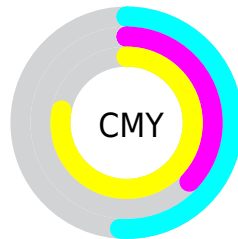
- Red (49%)
- Green (63%)
- Blue (22%)



- Red (22%)
- Yellow (63%)
- Blue (36%)



- Cyan (22%)
- Magenta (0%)
- Yellow (65%)
- Black (37%)



- Cyan (51%)
- Magenta (37%)
- Yellow (78%)

Brightness & Saturation Gradients

These gradients show how the YUV color 137.6790, -40.2677, -11.1195 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 137.6790, -40.2677, -11.1195 by changing the saturation by 10% instead.

■ 137.6790,
-40.2677, -11.1195

■ 137.6790,
-40.2677, -11.1195

■ 255.0000, 0.0000,
0.0000

■ 111.2660,
-40.5571, -11.6343

■ 192.3370,
-41.5781, -10.8195

■ 84.9240, -41.8675,
-11.3343

■ 220.1090,
-42.4517, -10.6196

■ 63.3610, -31.2370,
-14.3486

■ 239.0160,
-37.9689, -1.7680

■ 40.9010, -20.1642,
-19.2072

■ 247.4760,
-28.8287, 6.5985

■ 22.8930, -11.2862,
-20.0772

■ 250.7820,
-16.1615, 3.6992

■ 5.8700, -2.8939,
-5.1480

■ 254.0880, -3.4944,

■ 0.0000, 0.0000,

0.7998

0.0000

■ 137.6790,
-40.2677, -11.1195

■ 137.6790,
-40.2677, -11.1195

■ 134.3600,
-46.5195, -12.5937

■ 140.9980,
-34.0160, -9.6452

■ 130.7420,
-52.6238, -14.6827

■ 144.6160,
-27.9117, -7.5562

■ 127.4230,
-58.8755, -16.1570

■ 147.9350,
-21.6600, -6.0820

■ 125.6140,
-61.9277, -17.2015

■ 151.5530,
-15.5556, -3.9930

■ 154.8720, -9.3039,
-2.5187

■ 158.1910, -3.0522,
-1.0445

■ 161.8090, 3.0522,
1.0445

■ 165.1280, 9.3039,
2.5187

■ 168.4470, 15.5556,
3.9930

Harmonies

Analogous

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



142.7010, -50.1386, 28.3262



137.6790, -40.2677, -11.1195



125.6950, -14.6396, -64.6305

Triad

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



137.6790, -40.2677, -11.1195



124.1180, 54.1718, -108.8515



148.4240, 0.7770, 77.6812

Complementary

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



137.6790, -40.2677, -11.1195



78.3210, 40.2677, 11.1195

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.



152.6820, 22.8348, 49.3909



137.6790, -40.2677, -11.1195



118.6700, 63.7597, -104.0736

Square

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



137.6790, -40.2677, -11.1195



123.4220, 36.2740, -108.2411



150.5860, 41.6161, -1.3909



146.1750, -21.7783, 78.7765

Rectangle

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



137.6790, -40.2677, -11.1195



115.7840, 7.0085, -101.5426



150.5860, 41.6161, -1.3909



149.7420, 8.5082, 71.2633

Sweetspot

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



137.6790, -40.2677, -11.1195



200.0260, -16.2818, -4.4078



107.6410, -25.4590, 45.9188



99.3450, -10.0301, -2.9336



232.0000, 0.0000, 0.0000



105.0000, 0.0000, 0.0000

Same Dimension

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



137.6790, -40.2677, -11.1195



173.9730, -63.0907, -17.5163



122.1310, -32.6026, -43.0879



77.1910, -3.0522, -1.0445



112.3460, -55.3866, -15.2124



11.7950, -5.8149, -1.5742

Inverse Universe

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



78.3210, 40.2677, 11.1195



81.0270, 63.0907, 17.5163



93.8690, 32.6026, 43.0879



72.8090, 3.0522, 1.0445



30.6540, 55.3866, 15.2124



3.2050, 5.8149, 1.5742

Previews

White Background



This preview shows how the YUV color 137.6790, -40.2677, -11.1195 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 137.6790, -40.2677, -11.1195 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

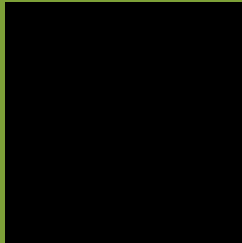
Any Text WCAG AA ✓ Pass

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 137.6790, -40.2677, -11.1195 Background



This preview shows how black text looks on a background with the YUV color 137.6790, -40.2677, -11.1195.



This preview shows how white text looks on a background with the YUV color 137.6790, -40.2677, -11.1195.

-11.1195.

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

137.6790, -40.2677, -11.1195

Protanopia

142.2530, -44.0017, 19.9491

Deuteranopia

144.8510, -40.8455, 34.3337



Tritanopia

147.7800, 7.0105, -8.5771

Trichromacy



Original Color

137.6790, -40.2677, -11.1195

Protanomaly

140.2300, -42.5114, 8.5683

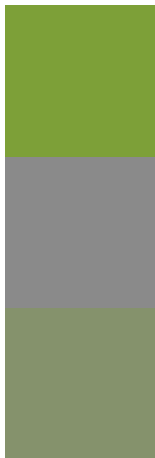
Deuteranomaly

142.4530, -40.6493, 18.0197

Tritanomaly

144.1870, -10.4452, -9.8110

Monochromacy



Original Color

137.6790, -40.2677, -11.1195

Achromatopsia

138.0000, 0.0000, 0.0000

Achromatomaly

137.7810, -14.6820, -4.1929

CSS Examples

Text

The CSS property to change the color of the text to YUV 137.6790, -40.2677, -11.1195 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(125, 160, 56)` looks like.

```
.text, #text, p{  
    color:rgb(125, 160, 56)  
}
```

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(125, 160, 56) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(125, 160, 56) }
```

Border

The CSS property to change the border of an element to YUV 137.6790, -40.2677, -11.1195 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(125, 160, 56) }
```


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

```
.border{ border-color:rgb(125, 160, 56) }
```

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

Here you see how a box with a 4 pixel rgb(125, 160, 56) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(125, 160, 56); -webkit-box-  
shadow:4px 4px 4px 4px rgb(125, 160, 56);  
box-shadow:4px 4px 4px 4px rgb(125, 160,  
56) }
```

Background

The CSS property to change the background color of an element to YUV 137.6790, -40.2677, -11.1195 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(125, 160, 56) }
```

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

```
.background{ background-color: rgb(125,  
160, 56) }
```

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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