

Converting Colors

YUV(142.6790, -40.2677,
-11.1195)

Have a look what the booklet for
YUV(142.6790, -40.2677, -11.1195)
contains.

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Color

**YUV(142.6790, -40.2677,
-11.1195)**

Conversions

Conversions Part 1

Format	Color
Hex	82A53D
RGB	130, 165, 61
RGB Percent	51%, 65%, 24%
CMY	0.4902, 0.3529, 0.7608
CMYK	0.21, 0.00, 0.63, 0.35
HSL	80°, 46%, 44%
HSV	80°, 63%, 65%
XYZ	23.5034, 31.9930, 9.3514
YIQ	142.6790, 12.5240, -39.7640

Conversions

Conversions Part 2

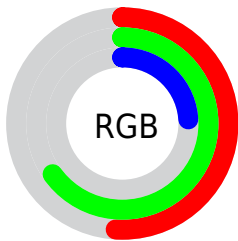
Format	Color
RYB	61, 165, 96
Decimal	8561981
CIELab	63.34, -28.14, 48.55
CIELCh	63, 56.111, 120.095
Yxy	31.9930, 0.3624, 0.4934
Android (android.graphics.Color)	4286752061 (0xFF82A53D)
YUV	142.6790, -40.2677, -11.1195
Hunter-Lab	56.5624, -24.8120, 29.7913

Details

The YUV color $142.6790, -40.2677, -11.1195$ is a dark color, and the websafe version is hex 669933 . A complement of this color would be $83.3210, 40.2677, 11.1195$, and the grayscale version is $143.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $197.3370, -41.5781, -10.8195$, and $89.3540, -44.0515, -10.8345$ is the 20% darker color. If you saturate the color by 10%, you get $138.9470, -46.8089, -13.1085$, and if you desaturate by 10%, it is $146.4110, -33.7266, -9.1304$.

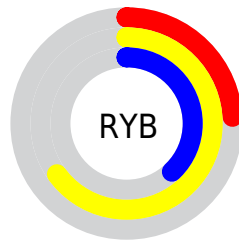
Distribution



Red (51%)

Green (65%)

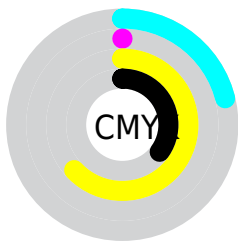
Blue (24%)



Red (24%)

Yellow (65%)

Blue (38%)

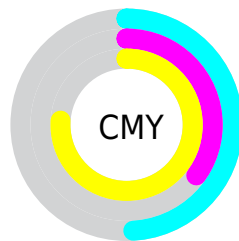


Cyan (21%)

Magenta (0%)

Yellow (63%)

Black (35%)



Cyan (49%)

Magenta (35%)

Yellow (76%)

Brightness & Saturation Gradients

These gradients show how the YUV color 142.6790, -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 142.6790, -40.2677, -11.1195 by changing the saturation by 10% instead.

■ 142.6790,
-40.2677, -11.1195

■ 142.6790,
-40.2677, -11.1195

■ 255.0000, 0.0000,
0.0000

■ 116.2660,
-40.5571, -11.6343

■ 197.3370,
-41.5781, -10.8195

■ 89.3540, -44.0515,
-10.8345

■ 226.1090,
-42.4517, -10.6196

■ 66.9050, -32.9842,
-13.9487

■ 241.3800,
-36.6693, 1.4207

■ 45.6300, -22.4956,
-18.0925

■ 248.1600,
-26.2079, 5.9987

■ 24.6540, -12.1544,
-21.6216

■ 251.3520,
-13.9775, 3.1993

■ 11.7400, -5.7878,
-10.2960

■ 254.6580, -1.3104,

■ 0.0000, 0.0000,

0.2999

0.0000

■ 142.6790,
-40.2677, -11.1195

■ 142.6790,
-40.2677, -11.1195

■ 138.9470,
-46.8089, -13.1085

■ 146.4110,
-33.7266, -9.1304

■ 135.6280,
-53.0606, -14.5828

■ 149.7300,
-27.4749, -7.6562

■ 132.0100,
-59.1649, -16.6718

■ 153.3480,
-21.3706, -5.5672

■ 129.4460,
-63.8169, -17.9311

■ 156.7810,
-14.6820, -4.1929

■ 160.5130, -8.1409,
-2.2039

■ 163.8320, -1.8892,
-0.7297

■ 167.5640, 4.6519,
1.2594

■ 170.8830, 10.9037,
2.7336

■ 174.6150, 17.4448,
4.7226

Harmonies

Analogous

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



147.7010, -50.1386, 28.3262



142.6790, -40.2677, -11.1195



130.9940, -14.7870, -64.0157

Triad

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



142.6790, -40.2677, -11.1195



127.6230, 54.9089, -111.9254



153.4240, 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.



142.6790, -40.2677, -11.1195



83.3210, 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.



157.6820, 22.8348, 49.3909



142.6790, -40.2677, -11.1195



128.4540, 61.4012, -94.2372

Square

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



142.6790, -40.2677, -11.1195



126.9270, 37.0110, -111.3150



155.5860, 41.6161, -1.3909



151.3600, -22.3625, 79.4913

Rectangle

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



142.6790, -40.2677, -11.1195



119.2890, 7.7455, -104.6165



155.5860, 41.6161, -1.3909



154.7420, 8.5082, 71.2633

Sweetspot

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



142.6790, -40.2677, -11.1195



205.5530, -15.5556, -3.9930



112.6410, -25.4590, 45.9188



101.7580, -9.7407, -2.4188



235.0000, 0.0000, 0.0000



107.0000, 0.0000, 0.0000

Same Dimension

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



142.6790, -40.2677, -11.1195



178.9730, -63.0907, -17.5163



127.1310, -32.6026, -43.0879



80.0770, -3.4890, -0.9445



113.8190, -56.1128, -15.6273



14.1540, -6.9779, -1.8891

Inverse Universe

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



83.3210, 40.2677, 11.1195



86.0270, 63.0907, 17.5163



98.8690, 32.6026, 43.0879



74.9230, 3.4890, 0.9445



31.1810, 56.1128, 15.6273



3.8460, 6.9779, 1.8891

Previews

White Background



This preview shows how the YUV color 142.6790, -40.2677, -11.1195 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

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 142.6790, -40.2677, -11.1195 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

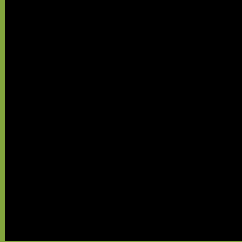
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 142.6790, -40.2677, -11.1195 Background



This preview shows how black text looks on a background with the YUV color 142.6790, -40.2677, -11.1195.



This preview shows how white text looks on a background with the YUV color 142.6790, -40.2677, -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

142.6790, -40.2677, -11.1195

Protanopia

147.5520, -44.1491, 20.5639

Deuteranopia

149.2640, -40.5562, 34.8485



Tritanopia

152.7800, 7.0105, -8.5771

Trichromacy



Original Color

142.6790, -40.2677, -11.1195

Protanomaly

145.5290, -42.6588, 9.1831

Deuteranomaly

146.8660, -40.3599, 18.5345

Tritanomaly

149.1870, -10.4452, -9.8110

Monochromacy



Original Color

142.6790, -40.2677, -11.1195

Achromatopsia

143.0000, 0.0000, 0.0000

Achromatomaly

142.7810, -14.6820, -4.1929

CSS Examples

Text

The CSS property to change the color of the text to YUV 142.6790, -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(130, 165, 61)` looks like.

```
.text, #text, p{  
    color:rgb(130, 165, 61)  
}
```

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(130, 165, 61) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(130, 165, 61) }
```

Border

The CSS property to change the border of an element to YUV 142.6790, -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(130, 165, 61) }
```


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

```
.border{ border-color:rgb(130, 165, 61) }
```

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

Here you see how a box with a 4 pixel `rgb(130, 165, 61)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(130, 165, 61); -webkit-box-  
shadow:4px 4px 4px 4px rgb(130, 165, 61);  
box-shadow:4px 4px 4px 4px rgb(130, 165,  
61) }
```

Background

The CSS property to change the background color of an element to YUV 142.6790, -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(130, 165, 61) }
```

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

```
.background{ background-color: rgb(130,  
165, 61) }
```

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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