

Converting Colors

YUV(127.5430, -40.6937,
-14.5082)

Have a look what the booklet for
YUV(127.5430, -40.6937, -14.5082)
contains.

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Color

**YUV(127.5430, -40.6937,
-14.5082)**

Conversions

Conversions Part 1

Format	Color
Hex	6F982D
RGB	111, 152, 45
RGB Percent	44%, 60%, 18%
CMY	0.5647, 0.4039, 0.8235
CMYK	0.27, 0.00, 0.70, 0.40
HSL	83°, 54%, 39%
HSV	83°, 70%, 60%
XYZ	18.2574, 26.0254, 6.5438
YIQ	127.5430, 9.9110, -41.9690

Conversions

Conversions Part 2

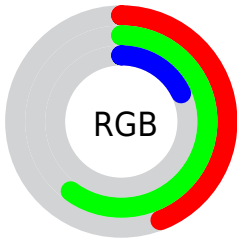
Format	Color
R_{YB}	45, 152, 86
Decimal	7313453
CIE Lab	58.06, -30.74, 49.35
CIE LCh	58, 58.139, 121.914
Yxy	26.0254, 0.3592, 0.5120
Android (android.graphics.Color)	4285503533 (0xFF6F982D)
YUV	127.5430, -40.6937, -14.5082
Hunter-Lab	51.0151, -25.3944, 28.1054

Details

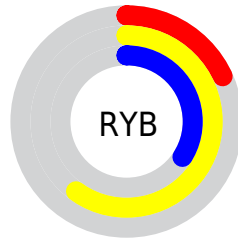
The YUV color **127.5430, -40.6937, -14.5082** is a dark color, and the websafe version is hex **669933**. A complement of this color would be **69.4570, 40.6937, 14.5082**, and the grayscale version is **128.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **182.2010, -42.0041, -14.2083**, and **76.6290, -37.7781, -16.3376** is the 20% darker color. If you saturate the color by 10%, you get **124.0390, -46.3612, -16.6972**, and if you desaturate by 10%, it is **131.0470, -35.0262, -12.3192**.

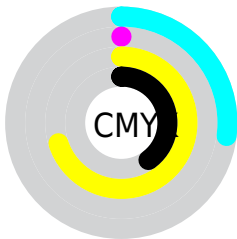
Distribution



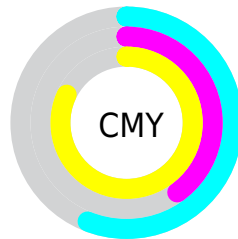
- Red (44%)
- Green (60%)
- Blue (18%)



- Red (18%)
- Yellow (60%)
- Blue (34%)



- Cyan (27%)
- Magenta (0%)
- Yellow (70%)
- Black (40%)



- Cyan (56%)
- Magenta (40%)
- Yellow (82%)

Brightness & Saturation Gradients

These gradients show how the YUV color 127.5430, -40.6937, -14.5082 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 127.5430, -40.6937, -14.5082 by changing the saturation by 10% instead.

■ 127.5430,
-40.6937, -14.5082

■ 127.5430,
-40.6937, -14.5082

■ 255.0000, 0.0000,
0.0000

■ 100.7880,
-42.2935, -14.7231

■ 182.2010,
-42.0041, -14.2083

■ 76.6290, -37.7781,
-16.3376

■ 210.0870,
-42.4409, -14.1083

■ 54.4790, -26.8581,
-18.8371

■ 233.5760,
-40.7100, -9.2752

■ 31.1110, -15.3377,
-27.2843

■ 245.3250,
-33.1912, 5.8540

■ 19.9580, -9.8393,
-17.5032

■ 249.4140,
-21.4031, 4.8989

■ 0.0000, 0.0000,
0.0000

■ 252.7200, -8.7360,

1.9996

■ 127.5430,
-40.6937, -14.5082

■ 127.5430,
-40.6937, -14.5082

■ 124.0390,
-46.3612, -16.6972

■ 131.0470,
-35.0262, -12.3192

■ 120.5350,
-52.0288, -18.8862

■ 134.5510,
-29.3586, -10.1302

■ 117.3300,
-57.8437, -20.4604

■ 137.8700,
-23.1069, -8.6560

■ 141.3740,
-17.4394, -6.4670

■ 144.8780,
-11.7719, -4.2780

■ 148.3820, -6.1043,
-2.0890

■ 151.8860, -0.4368,
0.1000

■ 155.5040, 5.6675,
2.1890

■ 158.7090, 11.4825,
3.7632

Harmonies

Analogous

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



132.4790, -53.4801, 26.7669



127.5430, -40.6937, -14.5082



108.8500, -9.7860, -81.4294

Triad

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



127.5430, -40.6937, -14.5082



118.2650, 54.5924, -103.7184



137.9190, 0.0399, 80.7550

Complementary

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



127.5430, -40.6937, -14.5082



69.4570, 40.6937, 14.5082

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.



142.5900, 22.3871, 52.9796



127.5430, -40.6937, -14.5082



112.0020, 63.5960, -98.2258

Square

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



127.5430, -40.6937, -14.5082



117.5690, 36.6945, -103.1080



142.1950, 41.3159, 1.5830



136.1320, -23.2361, 79.6912

Rectangle

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



127.5430, -40.6937, -14.5082



109.8170, 6.9922, -96.3095



142.1950, 41.3159, 1.5830



139.3510, 8.2080, 74.2372

Sweetspot

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



127.5430, -40.6937, -14.5082



186.8410, -15.6976, -5.1226



99.8860, -27.0588, 45.7040



93.5730, -9.1565, -3.1335



227.0000, 0.0000, 0.0000



99.0000, 0.0000, 0.0000

Same Dimension

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



127.5430, -40.6937, -14.5082



158.3530, -62.7850, -22.2346



111.9950, -33.0285, -46.4766



75.1910, -3.0522, -1.0445



108.1930, -53.3391, -18.5863



10.0230, -4.9413, -1.7742

Inverse Universe

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



69.4570, 40.6937, 14.5082



68.9460, 62.6376, 22.8494



85.0050, 33.0285, 46.4766



70.8090, 3.0522, 1.0445



32.1060, 53.1917, 19.2010



2.9770, 4.9413, 1.7742

Previews

White Background



This preview shows how the YUV color 127.5430, -40.6937, -14.5082 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 127.5430, -40.6937, -14.5082 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

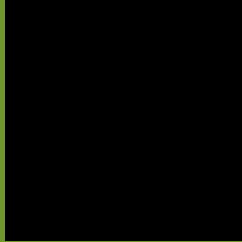
Any Text WCAG AA ✓ Pass

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 127.5430, -40.6937, -14.5082 Background



This preview shows how black text looks on a background with the YUV color 127.5430, -40.6937, -14.5082.



This preview shows how white text looks on a background with the YUV color 127.5430, -40.6937, -14.5082.

-14.5082.

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

127.5430, -40.6937, -14.5082

Protanopia

133.0250, -44.8753, 20.1491

Deuteranopia

135.1390, -40.9875, 33.2041



Tritanopia

137.8720, 7.4581, -12.1657

Trichromacy



Original Color

127.5430, -40.6937, -14.5082

Protanomaly

131.2900, -43.5270, 7.6387

Deuteranomaly

132.0290, -40.9333, 15.7606

Tritanomaly

134.2790, -9.9975, -13.3997

Monochromacy



Original Color

127.5430, -40.6937, -14.5082

Achromatopsia

128.0000, 0.0000, 0.0000

Achromatomaly

128.0690, -14.8240, -5.3225

CSS Examples

Text

The CSS property to change the color of the text to YUV 127.5430, -40.6937, -14.5082 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(111, 152, 45)` looks like.

```
.text, #text, p{  
    color:rgb(111, 152, 45)  
}
```

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(111, 152, 45) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(111, 152, 45) }
```

Border

The CSS property to change the border of an element to YUV 127.5430, -40.6937, -14.5082 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(111, 152, 45) }
```


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

```
.border{ border-color:rgb(111, 152, 45) }
```

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

Here you see how a box with a 4 pixel `rgb(111, 152, 45)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(111, 152, 45); -webkit-box-shadow:4px 4px 4px 4px rgb(111, 152, 45); box-shadow:4px 4px 4px 4px rgb(111, 152, 45) }
```

Background

The CSS property to change the background color of an element to YUV 127.5430, -40.6937, -14.5082 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(111, 152, 45) }
```

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

```
.background{ background-color: rgb(111,  
152, 45) }
```

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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