

Converting Colors

YUV(129.6180, -41.2237,
-31.2370)

Have a look what the booklet for
YUV(129.6180, -41.2237, -31.2370)
contains.

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Color

**YUV(129.6180, -41.2237,
-31.2370)**

Conversions

Conversions Part 1

Format	Color
Hex	5EA42E
RGB	94, 164, 46
RGB Percent	37%, 64%, 18%
CMY	0.6314, 0.3569, 0.8196
CMYK	0.43, 0.00, 0.72, 0.36
HSL	96°, 56%, 41%
HSV	96°, 72%, 64%
XYZ	18.3847, 29.1279, 7.2380
YIQ	129.6180, -3.8420, -51.5380

Conversions

Conversions Part 2

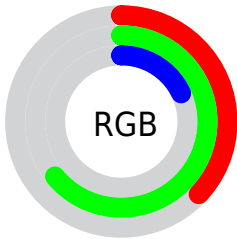
Format	Color
R_{YB}	46, 164, 116
Decimal	6202414
CIE _{Lab}	60.89, -42.28, 51.56
CIE _{LCh}	61, 66.676, 129.352
Yxy	29.1279, 0.3358, 0.5320
Android (android.graphics.Color)	4284392494 (0xFF5EA42E)
YUV	129.6180, -41.2237, -31.2370
Hunter-Lab	53.9702, -33.6428, 29.8277

Details

The YUV color **129.6180, -41.2237, -31.2370** is a dark color, and the websafe version is hex **669933**. A complement of this color would be **80.3820, 41.2237, 31.2370**, and the grayscale version is **130.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **185.2760, -42.5341, -30.9371**, and **75.9210, -37.4291, -35.0107** is the 20% darker color. If you saturate the color by 10%, you get **124.8040, -46.7384, -35.7851**, and if you desaturate by 10%, it is **134.4320, -35.7090, -26.6889**.

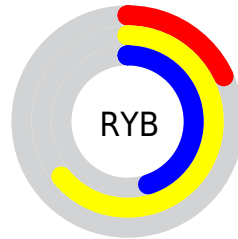
Distribution



Red (37%)

Green (64%)

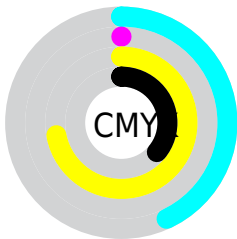
Blue (18%)



Red (18%)

Yellow (64%)

Blue (45%)

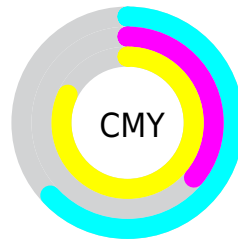


Cyan (43%)

Magenta (0%)

Yellow (72%)

Black (36%)



Cyan (63%)

Magenta (36%)

Yellow (82%)

Brightness & Saturation Gradients

These gradients show how the YUV color 129.6180, -41.2237, -31.2370 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 129.6180, -41.2237, -31.2370 by changing the saturation by 10% instead.

■ 129.6180,
-41.2237, -31.2370

■ 129.6180,
-41.2237, -31.2370

■ 255.0000, 0.0000,
0.0000

■ 101.7490,
-43.2603, -31.3519

■ 185.2760,
-42.5341, -30.9371

■ 75.9210, -37.4291,
-35.0107

■ 213.1620,
-42.9709, -30.8371

■ 50.4820, -24.8876,
-44.2727

■ 229.0200,
-37.4779, -19.3115

■ 36.3940, -17.9422,
-31.9175

■ 240.8830,
-29.5223, -4.2824

■ 24.0670, -11.8650,
-21.1068

■ 249.7560,
-20.0927, 4.5990

■ 3.5220, -1.7363,
-3.0888

■ 253.0620, -7.4256,

■ 0.0000, 0.0000,

1.6996

0.0000

■ 129.6180,
-41.2237, -31.2370

■ 129.6180,
-41.2237, -31.2370

■ 124.8040,
-46.7384, -35.7851

■ 134.4320,
-35.7090, -26.6889

■ 120.1750,
-52.8373, -39.6185

■ 139.0610,
-29.6101, -22.8555

■ 116.3010,
-57.3364, -43.2370

■ 143.8750,
-24.0954, -18.3074

■ 148.8030,
-18.1439, -13.8592

■ 153.6170,
-12.6292, -9.3111

■ 158.1320, -6.9671,
-5.3778

■ 163.0600, -1.0156,
-0.9296

■ 167.8740, 4.4991,
3.6185

■ 172.8020, 10.4506,
8.0666

Harmonies

Analogous

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



135.2920, -66.6990, 19.9149



129.6180, -41.2237, -31.2370



112.7060, -4.7851, -98.8432

Triad

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



129.6180, -41.2237, -31.2370



125.3380, 63.9234, -109.9214



141.3510, -5.1030, 97.0392

Complementary

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



129.6180, -41.2237, -31.2370



80.3820, 41.2237, 31.2370

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.



147.0810, 21.1591, 73.5970



129.6180, -41.2237, -31.2370



123.7200, 64.7210, -85.7004

Square

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



129.6180, -41.2237, -31.2370



126.0440, 46.3203, -110.5406



150.8750, 43.4456, 18.5266



141.3690, -32.7199, 88.2534

Rectangle

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



129.6180, -41.2237, -31.2370



118.5540, 12.5449, -103.9719



150.8750, 43.4456, 18.5266



142.7340, 4.0751, 93.1953

Sweetspot

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



129.6180, -41.2237, -31.2370



200.2700, -16.4021, -12.5148



121.7850, -37.3620, 37.0226



99.0240, -9.8718, -7.0370



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.



129.6180, -41.2237, -31.2370



160.4330, -64.3035, -48.6147



116.4060, -29.7802, -61.7461



79.4790, -3.1941, -2.1741



102.7560, -50.6587, -38.3740



12.6590, -6.2409, -4.9629

Inverse Universe

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



80.3820, 41.2237, 31.2370



83.5670, 64.3035, 48.6147



93.5940, 29.7802, 61.7461



75.5210, 3.1941, 2.1741



42.2440, 50.6587, 38.3740



5.3410, 6.2409, 4.9629

Previews

White Background



This preview shows how the YUV color 129.6180, -41.2237, -31.2370 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 129.6180, -41.2237, -31.2370 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

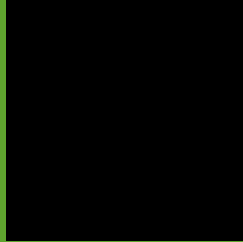
Any Text WCAG AA ✓ Pass

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 129.6180, -41.2237, -31.2370 Background



This preview shows how black text looks on a background with the YUV color 129.6180, -41.2237, -31.2370.



This preview shows how white text looks on a background with the YUV color 129.6180, -41.2237, -31.2370.

-31.2370.

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

129.6180, -41.2237, -31.2370

Protanopia

139.4120, -48.5171, 21.5637

Deuteranopia

142.2810, -43.0295, 34.8336



Tritanopia

142.1090, 11.2853, -26.4056

Trichromacy



Original Color

129.6180, -41.2237, -31.2370

Protanomaly

136.2740, -45.9841, 2.3907

Deuteranomaly

137.6540, -42.2274, 10.8274

Tritanomaly

137.4620, -7.6228, -28.4692

Monochromacy



Original Color

129.6180, -41.2237, -31.2370

Achromatopsia

130.0000, 0.0000, 0.0000

Achromatomaly

129.6230, -15.0971, -11.0704

CSS Examples

Text

The CSS property to change the color of the text to YUV 129.6180, -41.2237, -31.2370 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, 164, 46)` looks like.

```
.text, #text, p{  
    color:rgb(94, 164, 46)  
}
```

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, 164, 46) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(94, 164, 46) }
```

Border

The CSS property to change the border of an element to YUV 129.6180, -41.2237, -31.2370 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, 164, 46) }
```


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

```
.border{ border-color:rgb(94, 164, 46) }
```

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

Here you see how a box with a 4 pixel `rgb(94, 164, 46)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(94, 164, 46); -webkit-box-  
shadow:4px 4px 4px 4px rgb(94, 164, 46);  
box-shadow:4px 4px 4px 4px rgb(94, 164,  
46) }
```

Background

The CSS property to change the background color of an element to YUV 129.6180, -41.2237, -31.2370 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(94, 164, 46) }
```

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

```
.background{ background-color: rgb(94, 164,  
46) }
```

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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