

Converting Colors

YUV(142.2450, -28.7148,
-30.0329)

Have a look what the booklet for
YUV(142.2450, -28.7148, -30.0329)
contains.

YUV(142.2450, -28.7148, -30.0329)	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(142.2450, -28.7148,
-30.0329)**

Conversions

Conversions Part 1

Format	Color
Hex	6CAB54
RGB	108, 171, 84
RGB Percent	42%, 67%, 33%
CMY	0.5765, 0.3294, 0.6706
CMYK	0.37, 0.00, 0.51, 0.33
HSL	103°, 34%, 50%
HSV	103°, 51%, 67%
XYZ	22.3475, 32.9541, 13.5704
YIQ	142.2450, -9.6210, -40.4130

Conversions

Conversions Part 2

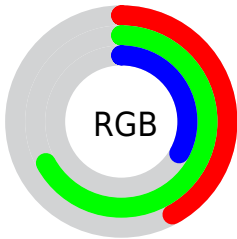
Format	Color
RYB	84, 171, 147
Decimal	7121748
CIELab	64.12, -36.76, 38.24
CIELCh	64, 53.043, 133.866
Yxy	32.9541, 0.3245, 0.4785
Android (android.graphics.Color)	4285311828 (0xFF6CAB54)
YUV	142.2450, -28.7148, -30.0329
Hunter-Lab	57.4056, -30.9714, 26.1680

Details

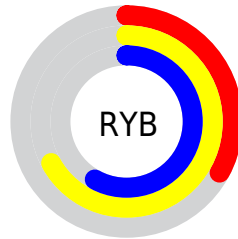
The YUV color **142.2450, -28.7148, -30.0329** is a dark color, and the websafe version is hex **669933**. A complement of this color would be **112.7550, 28.7148, 30.0329**, and the grayscale version is **143.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **197.0770, -30.6040, -30.7625**, and **89.7010, -26.9676, -30.4328** is the 20% darker color. If you saturate the color by 10%, you get **136.7190, -34.3715, -35.7106**, and if you desaturate by 10%, it is **147.7710, -23.0581, -24.3552**.

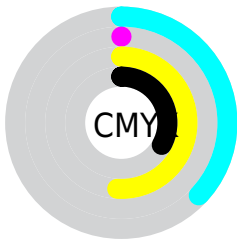
Distribution



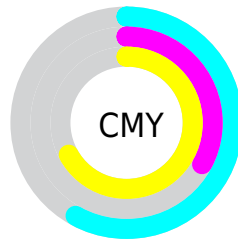
- Red (42%)
- Green (67%)
- Blue (33%)



- Red (33%)
- Yellow (67%)
- Blue (58%)



- Cyan (37%)
- Magenta (0%)
- Yellow (51%)
- Black (33%)



- Cyan (58%)
- Magenta (33%)
- Yellow (67%)

Brightness & Saturation Gradients

These gradients show how the YUV color 142.2450, -28.7148, -30.0329 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 142.2450, -28.7148, -30.0329 by changing the saturation by 10% instead.

■ 142.2450,
-28.7148, -30.0329

■ 142.2450,
-28.7148, -30.0329

■ 255.0000, 0.0000,
0.0000

■ 115.4730,
-27.8412, -30.2328

■ 197.0770,
-30.6040, -30.7625

■ 89.7010, -26.9676,
-30.4328

■ 224.9630,
-31.0408, -30.6626

■ 63.1630, -27.6884,
-32.5920

■ 236.8260,
-23.0852, -15.6334

■ 40.5030, -19.9680,
-35.5211

■ 248.6890,
-15.1297, -0.6043

■ 27.0020, -13.3120,
-23.6808

■ 254.0880, -3.4944,
0.7998

■ 13.5010, -6.6560,
-11.8404

■ 0.0000, 0.0000,

0.0000

■ 142.2450,
-28.7148, -30.0329

■ 142.2450,
-28.7148, -30.0329

■ 136.7190,
-34.3715, -35.7106

■ 147.7710,
-23.0581, -24.3552

■ 130.8940,
-39.8807, -42.0030

■ 153.5960,
-17.5488, -18.0627

■ 125.3680,
-45.5374, -47.6807

■ 159.1220,
-11.8921, -12.3850

■ 119.5430,
-51.0467, -53.9732

■ 164.9470, -6.3829,
-6.0925

■ 114.4300,
-56.4140, -59.1361

■ 170.4730, -0.7262,
-0.4148

■ 176.1130, 5.3673,
5.1629

■ 181.9380, 10.8766,
11.4554

■ 187.4640, 16.5332,
17.1331

■ 192.9900, 22.1899,
22.8108

Harmonies

Analogous

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



148.6710, -44.7008, 10.8125



142.2450, -28.7148, -30.0329



118.3770, 4.2511, -103.8166

Triad

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



142.2450, -28.7148, -30.0329



126.6600, 58.8346, -111.0808



154.9650, -9.8427, 77.2067

Complementary

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



142.2450, -28.7148, -30.0329



112.7550, 28.7148, 30.0329

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.



158.5990, 12.0297, 61.7417



142.2450, -28.7148, -30.0329



151.4570, 47.1027, -34.6038

Square

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



142.2450, -28.7148, -30.0329



128.3920, 45.1627, -112.5998



160.1070, 31.4992, 23.5852



154.1170, -30.6237, 69.1804

Rectangle

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



142.2450, -28.7148, -30.0329



123.3130, 18.0867, -108.1455



160.1070, 31.4992, 23.5852



155.9030, -2.4172, 75.5071

Sweetspot

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



142.2450, -28.7148, -30.0329



211.0620, -10.8766, -11.4554



146.4070, -30.7667, 21.5681



105.5340, -6.6723, -6.6073



240.0000, 0.0000, 0.0000



112.0000, 0.0000, 0.0000

Same Dimension

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



142.2450, -28.7148, -30.0329



177.3080, -44.5218, -46.7511



137.2350, -16.8779, -46.6871



83.8810, -2.8993, -3.4036



100.6080, -49.5997, -51.3992



15.2950, -7.5404, -8.1517

Inverse Universe

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



112.7550, 28.7148, 30.0329



131.6920, 44.5218, 46.7511



117.7650, 16.8779, 46.6871



80.8200, 3.0467, 2.7889



49.6910, 49.4523, 52.0140



7.7050, 7.5404, 8.1517

Previews

White Background



This preview shows how the YUV color 142.2450, -28.7148, -30.0329 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 142.2450, -28.7148, -30.0329 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 142.2450, -28.7148, -30.0329 Background



This preview shows how black text looks on a background with the YUV color 142.2450, -28.7148, -30.0329.



This preview shows how white text looks on a background with the YUV color 142.2450, -28.7148, -30.0329.

-30.0329.

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

142.2450, -28.7148, -30.0329

Protanopia

151.1200, -35.5552, 17.4348

Deuteranopia

153.3480, -31.2306, 30.3898



Tritanopia

151.1200, 11.2798, -24.6612

Trichromacy



Original Color

142.2450, -28.7148, -30.0329

Protanomaly

147.9930, -33.0275, 0.0061

Deuteranomaly

149.1450, -30.1445, 8.6428

Tritanomaly

148.2110, -3.5550, -26.4950

Monochromacy



Original Color

142.2450, -28.7148, -30.0329

Achromatopsia

142.0000, 0.0000, 0.0000

Achromatomaly

142.4750, -10.5872, -10.9406

CSS Examples

Text

The CSS property to change the color of the text to YUV 142.2450, -28.7148, -30.0329 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(108, 171, 84)` looks like.

```
.text, #text, p{  
    color:rgb(108, 171, 84)  
}
```

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(108, 171, 84) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(108, 171, 84) }
```

Border

The CSS property to change the border of an element to YUV 142.2450, -28.7148, -30.0329 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(108, 171, 84) }
```


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

```
.border{ border-color:rgb(108, 171, 84) }
```

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

Here you see how a box with a 4 pixel `rgb(108, 171, 84)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(108, 171, 84); -webkit-box-  
shadow:4px 4px 4px 4px rgb(108, 171, 84);  
box-shadow:4px 4px 4px 4px rgb(108, 171,  
84) }
```

Background

The CSS property to change the background color of an element to YUV 142.2450, -28.7148, -30.0329 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(108, 171, 84) }
```

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

```
.background{ background-color: rgb(108,  
171, 84) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor