

Converting Colors

YUV(142.1430, -13.8745,
-29.9434)

Have a look what the booklet for
YUV(142.1430, -13.8745, -29.9434)
contains.

YUV(142.1430, -13.8745, -29.9434)	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(142.1430, -13.8745,
-29.9434)**

Conversions

Conversions Part 1

Format	Color
Hex	6CA572
RGB	108, 165, 114
RGB Percent	42%, 65%, 45%
CMY	0.5765, 0.3529, 0.5529
CMYK	0.35, 0.00, 0.31, 0.35
HSL	126°, 24%, 54%
HSV	126°, 35%, 65%
XYZ	22.6767, 31.3133, 20.7685
YIQ	142.1430, -17.6010, -27.9450

Conversions

Conversions Part 2

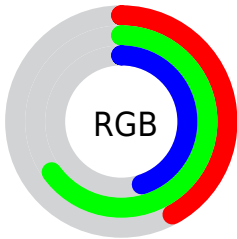
Format	Color
RYB	108, 160, 165
Decimal	7120242
CIELab	62.77, -29.42, 20.69
CIELCh	63, 35.964, 144.889
Yxy	31.3133, 0.3033, 0.4189
Android (android.graphics.Color)	4285310322 (0xFF6CA572)
YUV	142.1430, -13.8745, -29.9434
Hunter-Lab	55.9583, -25.5911, 17.1658

Details

The YUV color **142.1430, -13.8745, -29.9434** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **130.8570, 13.8745, 29.9434**, and the grayscale version is **142.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **196.2030, -14.8901, -30.8730**, and **90.8980, -12.2747, -29.7285** is the 20% darker color. If you saturate the color by 10%, you get **135.3500, -17.9205, -38.8949**, and if you desaturate by 10%, it is **148.6370, -9.6810, -21.6066**.

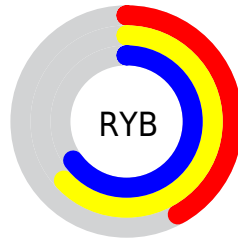
Distribution



Red (42%)

Green (65%)

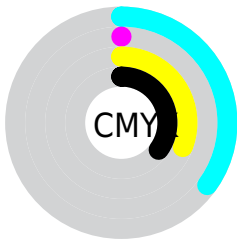
Blue (45%)



Red (42%)

Yellow (63%)

Blue (65%)

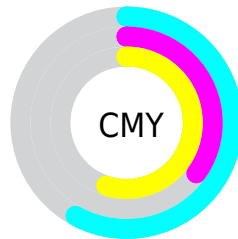


Cyan (35%)

Magenta (0%)

Yellow (31%)

Black (35%)



Cyan (58%)

Magenta (35%)

Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the YUV color 142.1430, -13.8745, -29.9434 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 142.1430, -13.8745, -29.9434 by changing the saturation by 10% instead.

■ 142.1430,
-13.8745, -29.9434

■ 142.1430,
-13.8745, -29.9434

■ 255.0000, 0.0000,
0.0000

■ 115.6700,
-13.1483, -29.5286

■ 196.2030,
-14.8901, -30.8730

■ 90.8980, -12.2747,
-29.7285

■ 224.6760,
-15.6163, -31.2879

■ 66.1260, -11.4011,
-29.9285

■ 239.7620, -9.2497,
-19.9623

■ 40.2610, -9.4957,
-34.4319

■ 251.7390, -0.8573,
-5.0331

■ 24.0670, -11.8650,
-21.1068

■ 9.9790, -4.9196,
-8.7516

■ 0.0000, 0.0000,

0.0000

■ 142.1430,
-13.8745, -29.9434

■ 142.1430,
-13.8745, -29.9434

■ 135.3500,
-17.9205, -38.8949

■ 148.6370, -9.6810,
-21.6066

■ 128.8560,
-22.1140, -47.2317

■ 155.4300, -5.6350,
-12.6551

■ 122.1770,
-25.7233, -56.2832

■ 161.8100, -1.8783,
-4.2184

■ 115.6830,
-29.9167, -64.6200


■ 168.6030, 2.1677,
4.7332


■ 108.8900,
-33.9628, -73.5715

■ 175.0970, 6.3612,
13.0699


■ 102.3960,
-38.1562, -81.9083

■ 181.8900, 10.4072,
22.0215

 98.7930, -40.3239,
-86.6415

 188.2700, 14.1639,
30.4582

 195.0630, 18.2099,
39.4097

 201.2580, 22.5508,
47.1317

Harmonies

Analogous

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



146.7030, -26.4756, -1.4935



142.1430, -13.8745, -29.9434



134.2820, 5.2840, -61.6373

Triad

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



142.1430, -13.8745, -29.9434



144.7750, 34.6209, -44.5297



153.6000, -13.1138, 52.9708

Complementary

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



142.1430, -13.8745, -29.9434



130.8570, 13.8745, 29.9434

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.



155.1660, 1.8902, 47.2124



142.1430, -13.8745, -29.9434



153.5950, 27.8077, -5.7838

Square

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



142.1430, -13.8745, -29.9434



128.0700, 36.9405, -88.6384



156.1170, 16.2113, 27.0844



152.3310, -25.3062, 43.5597

Rectangle

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



142.1430, -13.8745, -29.9434



125.4170, 20.5004, -88.9427



156.1170, 16.2113, 27.0844



154.1530, -8.4564, 52.4858

Sweetspot

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



142.1430, -13.8745, -29.9434



205.5550, -5.2036, -11.0107



156.7080, -24.0130, 2.0101



101.8590, -2.8885, -6.8923



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.



142.1430, -13.8745, -29.9434



178.7960, -21.0984, -46.3021



145.3350, -1.6442, -32.7428



78.3970, -2.1677, -4.7332



86.8250, -35.4097, -76.1455



10.7940, -4.3354, -9.4663

Inverse Universe

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



130.8570, 13.8745, 29.9434



161.3180, 21.5352, 46.2021



127.6650, 1.6442, 32.7428



76.6030, 2.1677, 4.7332



58.1750, 35.4097, 76.1455



7.2060, 4.3354, 9.4663

Previews

White Background



This preview shows how the YUV color 142.1430, -13.8745, -29.9434 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 142.1430, -13.8745, -29.9434 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 142.1430, -13.8745, -29.9434 Background



This preview shows how black text looks on a background with the YUV color 142.1430, -13.8745, -29.9434.



This preview shows how white text looks on a background with the YUV color 142.1430, -13.8745, -29.9434.

-29.9434.

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

142.1430, -13.8745, -29.9434

Protanopia

149.6860, -20.5512, 11.6764

Deuteranopia

151.4900, -16.5106, 22.3723



Tritanopia

147.7070, 10.9904, -25.1760

Trichromacy



Original Color

142.1430, -13.8745, -29.9434

Protanomaly

146.8690, -18.1764, -3.3931

Deuteranomaly

148.0100, -15.2879, 3.4992

Tritanomaly

145.9920, 1.9759, -27.1800

Monochromacy



Original Color

142.1430, -13.8745, -29.9434

Achromatopsia

142.0000, 0.0000, 0.0000

Achromatomaly

141.9680, -4.9142, -10.4959

CSS Examples

Text

The CSS property to change the color of the text to YUV 142.1430, -13.8745, -29.9434 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, 165, 114)` looks like.

```
.text, #text, p{  
    color:rgb(108, 165, 114)  
}
```

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, 165, 114) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(108, 165, 114) }
```

Border

The CSS property to change the border of an element to YUV 142.1430, -13.8745, -29.9434 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, 165, 114) }
```


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

```
.border{ border-color:rgb(108, 165, 114) }
```

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

Here you see how a box with a 4 pixel `rgb(108, 165, 114)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(108, 165, 114); -webkit-box-  
shadow:4px 4px 4px 4px rgb(108, 165, 114);  
box-shadow:4px 4px 4px 4px rgb(108, 165,  
114) }
```

Background

The CSS property to change the background color of an element to YUV 142.1430, -13.8745, -29.9434 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(108, 165, 114) }
```

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

```
.background{ background-color: rgb(108,  
165, 114) }
```

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