

Converting Colors

YUV(142.9160, -49.7516,
-2.5573)

Have a look what the booklet for
YUV(142.9160, -49.7516, -2.5573)
contains.

YUV(142.9160, -49.7516, -2.5573)	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(142.9160, -49.7516,
-2.5573)**

Conversions

Conversions Part 1

Format	Color
Hex	8CA42A
RGB	140, 164, 42
RGB Percent	55%, 64%, 16%
CMY	0.4510, 0.3569, 0.8353
CMYK	0.15, 0.00, 0.74, 0.36
HSL	72°, 59%, 40%
HSV	72°, 74%, 64%
XYZ	24.5086, 32.2935, 7.1320
YIQ	142.9160, 24.8580, -43.0300

Conversions

Conversions Part 2

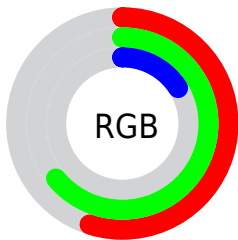
Format	Color
RYB	42, 164, 66
Decimal	9217066
CIELab	63.58, -24.79, 56.59
CIELCh	64, 61.786, 113.656
Yxy	32.2935, 0.3833, 0.5051
Android (android.graphics.Color)	4287407146 (0xFF8CA42A)
YUV	142.9160, -49.7516, -2.5573
Hunter-Lab	56.8274, -22.4642, 32.3381

Details

The YUV color **142.9160, -49.7516, -2.5573** is a dark color, and the websafe version is hex **999933**. A complement of this color would be **63.0840, 49.7516, 2.5573**, and the grayscale version is **143.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **198.2150, -49.8990, -1.9426**, and **91.4580, -45.0888, -4.7867** is the 20% darker color. If you saturate the color by 10%, you get **140.1950, -56.2981, -2.8020**, and if you desaturate by 10%, it is **145.6370, -43.2050, -2.3126**.

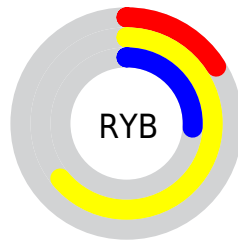
Distribution



Red (55%)

Green (64%)

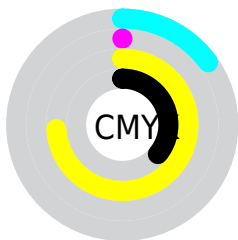
Blue (16%)



Red (16%)

Yellow (64%)

Blue (26%)

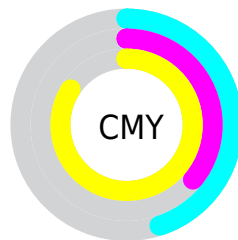


Cyan (15%)

Magenta (0%)

Yellow (74%)

Black (36%)



Cyan (45%)

Magenta (36%)

Yellow (84%)

Brightness & Saturation Gradients

These gradients show how the YUV color 142.9160, -49.7516, -2.5573 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 142.9160, -49.7516, -2.5573 by changing the saturation by 10% instead.

■ 142.9160,
-49.7516, -2.5573

■ 142.9160,
-49.7516, -2.5573

■ 255.0000, 0.0000,
0.0000

■ 115.3630,
-54.4090, -2.0724

■ 198.2150,
-49.8990, -1.9426

■ 91.4580, -45.0888,
-4.7867

■ 226.2860,
-50.9200, -1.1278

■ 69.5960, -34.3108,
-8.4157

■ 243.1440,
-45.4270, 10.3977

■ 47.4350, -23.3855,
-12.6595

■ 246.2220,
-33.6334, 7.6983

■ 25.8500, -12.7440,
-19.1624

■ 249.5280,
-20.9663, 4.7989

■ 12.3270, -6.0772,
-10.8108

■ 252.8340, -8.2992,

■ 0.0000, 0.0000,

1.8996

0.0000

■ 142.9160,
-49.7516, -2.5573

■ 142.9160,
-49.7516, -2.5573

■ 140.1950,
-56.2981, -2.8020

■ 145.6370,
-43.2050, -2.3126

■ 137.3600,
-63.2815, -2.9467

■ 148.4720,
-36.2217, -2.1679

■ 135.7360,
-66.9178, -3.2765

■ 151.4920,
-29.8226, -1.3085

■ 154.3270,
-22.8392, -1.1638

■ 157.0480,
-16.2927, -0.9191

■ 159.7690, -9.7461,
-0.6744

■ 162.9030, -2.9102,
0.0851

■ 165.6240, 3.6364,
0.3298

■ 168.4590, 10.6197,
0.4745

Harmonies

Analogous

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



147.4590, -56.4283, 39.0625



142.9160, -49.7516, -2.5573



131.8610, -23.1025, -56.8831

Triad

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



142.9160, -49.7516, -2.5573



130.3130, 55.0617, -114.2845



153.4660, 7.1653, 82.0293

Complementary

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



142.9160, -49.7516, -2.5573



63.0840, 49.7516, 2.5573

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.



158.0110, 30.5606, 44.7174



142.9160, -49.7516, -2.5573



125.3380, 63.9234, -109.9214

Square

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



142.9160, -49.7516, -2.5573



128.1180, 33.9588, -112.3595



153.3650, 50.1061, -17.8601



150.7510, -18.6112, 89.6724

Rectangle

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



142.9160, -49.7516, -2.5573



118.2800, 1.3410, -103.7316



153.3650, 50.1061, -17.8601



155.1750, 15.1967, 72.6375

Sweetspot

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



142.9160, -49.7516, -2.5573



205.9510, -19.2028, -0.8340



91.3920, -24.3503, 63.6772



102.3130, -11.4933, -0.2745



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.



142.9160, -49.7516, -2.5573



181.2770, -77.5376, -3.7509



125.2750, -41.0546, -38.8292



80.3760, -3.6364, -0.3298



120.0980, -59.2083, -2.7169



14.7520, -7.2727, -0.6595

Inverse Universe

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



63.0840, 49.7516, 2.5573



56.7230, 77.5376, 3.7509



80.7250, 41.0546, 38.8292



74.6240, 3.6364, 0.3298



25.2010, 59.0609, 3.3317



3.2480, 7.2727, 0.6595

Previews

White Background



This preview shows how the YUV color 142.9160, -49.7516, -2.5573 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 142.9160, -49.7516, -2.5573 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 142.9160, -49.7516, -2.5573

Background



This preview shows how black text looks on a background with the YUV color 142.9160, -49.7516, -2.5573.



This preview shows how white text looks on a background with the YUV color 142.9160, -49.7516, -2.5573.

-2.5573.

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

142.9160, -49.7516, -2.5573

Protanopia

146.5710, -53.0325, 23.1782

Deuteranopia

148.8100, -48.7133, 37.8776



Tritanopia

154.0690, 5.3890, -1.8145

Trichromacy



Original Color

142.9160, -49.7516, -2.5573

Protanomaly

145.4450, -51.9844, 13.6417

Deuteranomaly

146.8960, -49.2487, 22.8932

Tritanomaly

150.0910, -14.8349, -1.8338

Monochromacy



Original Color

142.9160, -49.7516, -2.5573

Achromatopsia

143.0000, 0.0000, 0.0000

Achromatomaly

143.1790, -18.3292, -1.0340

CSS Examples

Text

The CSS property to change the color of the text to YUV 142.9160, -49.7516, -2.5573 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(140, 164, 42)` looks like.

```
.text, #text, p{  
    color:rgb(140, 164, 42)  
}
```

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(140, 164, 42) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(140, 164, 42) }
```

Border

The CSS property to change the border of an element to YUV 142.9160, -49.7516, -2.5573 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(140, 164, 42) }
```


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

```
.border{ border-color:rgb(140, 164, 42) }
```

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

Here you see how a box with a 4 pixel rgb(140, 164, 42) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(140, 164, 42); -webkit-box-  
shadow:4px 4px 4px 4px rgb(140, 164, 42);  
box-shadow:4px 4px 4px 4px rgb(140, 164,  
42) }
```

Background

The CSS property to change the background color of an element to YUV 142.9160, -49.7516, -2.5573 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(140, 164, 42) }
```

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

```
.background{ background-color: rgb(140,  
164, 42) }
```

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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