

Converting Colors

YUV(142.3220, -42.0637,
4.9796)

Have a look what the booklet for
YUV(142.3220, -42.0637, 4.9796)
contains.

YUV(142.3220, -42.0637, 4.9796)	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(142.3220, -42.0637,
4.9796)**

Conversions

Conversions Part 1

Format	Color
Hex	949C39
RGB	148, 156, 57
RGB Percent	58%, 61%, 22%
CMY	0.4196, 0.3882, 0.7765
CMYK	0.05, 0.00, 0.63, 0.39
HSL	65°, 46%, 42%
HSV	65°, 63%, 61%
XYZ	24.8397, 30.3682, 8.4234
YIQ	142.3220, 27.0110, -32.4850

Conversions

Conversions Part 2

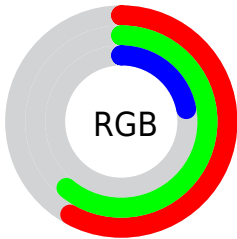
Format	Color
RYB	57, 156, 65
Decimal	9739321
CIELab	61.97, -16.41, 49.21
CIELCh	62, 51.876, 108.438
Yxy	30.3682, 0.3904, 0.4773
Android (android.graphics.Color)	4287929401 (0xFF949C39)
YUV	142.3220, -42.0637, 4.9796
Hunter-Lab	55.1074, -15.9788, 29.5125

Details

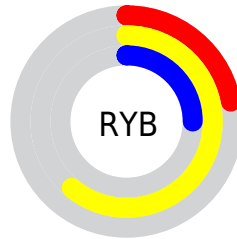
The YUV color **142.3220, -42.0637, 4.9796** is a dark color, and the websafe version is hex **999933**. A complement of this color would be **70.6780, 42.0637, -4.9796**, and the grayscale version is **143.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **196.6920, -43.2322, 6.4091**, and **89.7410, -44.2423, 3.7351** is the 20% darker color. If you saturate the color by 10%, you get **140.1990, -48.9051, 5.9645**, and if you desaturate by 10%, it is **144.4450, -35.2224, 3.9947**.

Distribution



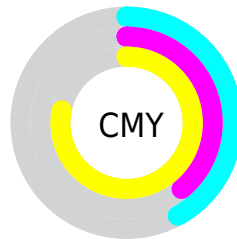
- Red (58%)
- Green (61%)
- Blue (22%)



- Red (22%)
- Yellow (61%)
- Blue (25%)



- Cyan (5%)
- Magenta (0%)
- Yellow (63%)
- Black (39%)



- Cyan (42%)
- Magenta (39%)
- Yellow (78%)

Brightness & Saturation Gradients

These gradients show how the YUV color 142.3220, -42.0637, 4.9796 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 142.3220, -42.0637, 4.9796 by changing the saturation by 10% instead.

■ 142.3220,
-42.0637, 4.9796

■ 142.3220,
-42.0637, 4.9796

■ 255.0000, 0.0000,
0.0000

■ 115.9090,
-42.3531, 4.4648

■ 196.6920,
-43.2322, 6.4091

■ 89.7410, -44.2423,
3.7351

■ 225.3500,
-44.5425, 6.7091

■ 68.1780, -33.6118,
0.7209

■ 244.3980,
-40.6222, 9.2980

■ 47.2020, -23.2706,
-2.8082

■ 247.5900,
-28.3919, 6.4986

■ 26.8130, -13.2188,
-6.8520

■ 250.8960,
-15.7247, 3.5992

■ 7.6310, -3.7621,
-6.6924

■ 254.0880, -3.4944,

■ 0.0000, 0.0000,

0.7998

0.0000

■ 142.3220,
-42.0637, 4.9796

■ 142.3220,
-42.0637, 4.9796

■ 140.1990,
-48.9051, 5.9645

■ 144.4450,
-35.2224, 3.9947

■ 137.8910,
-55.1623, 6.2346

■ 146.7530,
-28.9652, 3.7246

■ 135.7680,
-62.0036, 7.2195

■ 148.8760,
-22.1239, 2.7397

■ 134.3290,
-66.2242, 7.6045

■ 150.8850,
-15.7193, 1.8549

■ 153.0080, -8.8779,
0.8700

■ 155.4300, -2.1840,
0.4999

■ 157.4390, 4.2206,
-0.3850

■ 159.5620, 11.0619,
-1.3699

■ 161.5710, 17.4665,
-2.2548

Harmonies

Analogous

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



146.2600, -44.4982, 39.2370



142.3220, -42.0637, 4.9796



135.3520, -24.3305, -36.2657

Triad

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



142.3220, -42.0637, 4.9796



124.0550, 46.3149, -108.7962



151.8120, 8.9667, 64.1859

Complementary

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



142.3220, -42.0637, 4.9796



70.6780, 42.0637, -4.9796

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.



154.2280, 27.9886, 29.6180



142.3220, -42.0637, 4.9796



121.2800, 58.5290, -106.3626

Square

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



142.3220, -42.0637, 4.9796



121.1420, 27.5380, -106.2415



148.3120, 43.7232, -23.9526



149.4440, -13.0369, 75.0326

Rectangle

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



142.3220, -42.0637, 4.9796



123.2510, -4.5607, -77.3961



148.3120, 43.7232, -23.9526



153.1790, 15.6878, 55.0940

Sweetspot

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



142.3220, -42.0637, 4.9796



198.6570, -16.5929, 2.0548



90.7100, -16.6190, 57.2593



98.7800, -9.7515, 1.0699



230.0000, 0.0000, 0.0000



102.0000, 0.0000, 0.0000

Same Dimension

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



142.3220, -42.0637, 4.9796



182.4430, -65.7874, 7.5045



127.9700, -34.9882, -24.5297



77.7890, -3.3470, 0.1850



123.1100, -60.6932, 6.9195



12.9910, -6.4046, 0.8849

Inverse Universe

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



70.6780, 42.0637, -4.9796



70.2580, 65.9348, -8.1193



85.0300, 34.9882, 24.5297



72.2110, 3.3470, -0.1850



19.8900, 60.6932, -6.9195



2.0090, 6.4046, -0.8849

Previews

White Background



This preview shows how the YUV color 142.3220, -42.0637, 4.9796 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 142.3220, -42.0637, 4.9796 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 142.3220, -42.0637, 4.9796

Background



This preview shows how black text looks on a background with the YUV color 142.3220, -42.0637, 4.9796.



This preview shows how white text looks on a background with the YUV color 142.3220, -42.0637, 4.9796.

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

142.3220, -42.0637, 4.9796

Protanopia

144.2530, -44.0017, 19.9491

Deuteranopia

145.9220, -41.8665, 35.1484



Tritanopia

150.9560, 3.4727, 6.1776

Trichromacy



Original Color

142.3220, -42.0637, 4.9796

Protanomaly

143.4480, -43.1119, 14.5161

Deuteranomaly

144.5570, -41.6866, 24.0675

Tritanomaly

147.8900, -13.2568, 5.3585

Monochromacy



Original Color

142.3220, -42.0637, 4.9796

Achromatopsia

142.0000, 0.0000, 0.0000

Achromatomaly

141.9990, -15.2825, 1.7549

CSS Examples

Text

The CSS property to change the color of the text to YUV 142.3220, -42.0637, 4.9796 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(148, 156, 57)` looks like.

```
.text, #text, p{  
    color:rgb(148, 156, 57)  
}
```

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(148, 156, 57) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(148, 156, 57) }
```

Border

The CSS property to change the border of an element to YUV 142.3220, -42.0637, 4.9796 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(148, 156, 57) }
```


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

```
.border{ border-color:rgb(148, 156, 57) }
```

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

Here you see how a box with a 4 pixel `rgb(148, 156, 57)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(148, 156, 57); -webkit-box-  
shadow:4px 4px 4px 4px rgb(148, 156, 57);  
box-shadow:4px 4px 4px 4px rgb(148, 156,  
57) }
```

Background

The CSS property to change the background color of an element to YUV 142.3220, -42.0637, 4.9796 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(148, 156, 57) }
```

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

```
.background{ background-color: rgb(148,  
156, 57) }
```

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