

Converting Colors

YUV(149.0490, -41.4362,
-9.6900)

Have a look what the booklet for
YUV(149.0490, -41.4362, -9.6900)
contains.

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Color

**YUV(149.0490, -41.4362,
-9.6900)**

Conversions

Conversions Part 1

Format	Color
Hex	8AAB41
RGB	138, 171, 65
RGB Percent	54%, 67%, 25%
CMY	0.4588, 0.3294, 0.7451
CMYK	0.19, 0.00, 0.62, 0.33
HSL	79°, 45%, 46%
HSV	79°, 62%, 67%
XYZ	25.9983, 34.9107, 10.3692
YIQ	149.0490, 14.3580, -39.9620

Conversions

Conversions Part 2

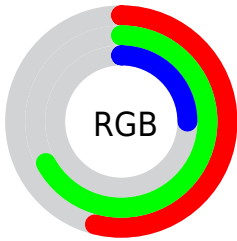
Format	Color
RYB	65, 171, 98
Decimal	9087809
CIELab	65.68, -27.50, 49.49
CIELCh	66, 56.619, 119.055
Yxy	34.9107, 0.3647, 0.4898
Android (android.graphics.Color)	4287277889 (0xFF8AAB41)
YUV	149.0490, -41.4362, -9.6900
Hunter-Lab	59.0853, -24.8571, 30.9546

Details

The YUV color **149.0490, -41.4362, -9.6900** is a dark color, and the websafe version is hex **669933**. A complement of this color would be **86.9510, 41.4362, 9.6900**, and the grayscale version is **149.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **204.0060, -42.8940, -8.7753**, and **95.8380, -44.7831, -9.5049** is the 20% darker color. If you saturate the color by 10%, you get **145.6160, -48.1247, -11.0642**, and if you desaturate by 10%, it is **152.4820, -34.7476, -8.3157**.

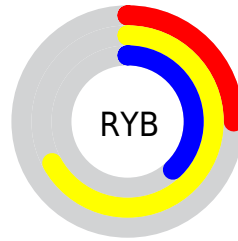
Distribution



Red (54%)

Green (67%)

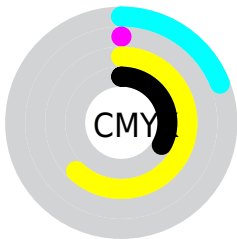
Blue (25%)



Red (25%)

Yellow (67%)

Blue (38%)

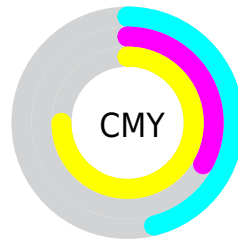


Cyan (19%)

Magenta (0%)

Yellow (62%)

Black (33%)



Cyan (46%)

Magenta (33%)

Yellow (75%)

Brightness & Saturation Gradients

These gradients show how the YUV color 149.0490, -41.4362, -9.6900 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 149.0490, -41.4362, -9.6900 by changing the saturation by 10% instead.

■ 149.0490,
-41.4362, -9.6900

■ 149.0490,
-41.4362, -9.6900

■ 255.0000, 0.0000,
0.0000

■ 122.0490,
-41.4362, -9.6900

■ 204.0060,
-42.8940, -8.7753

■ 95.8380, -44.7831,
-9.5049

■ 232.4790,
-43.6201, -9.1901

■ 72.8190, -35.8998,
-12.1193

■ 244.5270,
-36.2488, 6.5538

■ 50.9570, -25.1218,
-15.7483

■ 248.6160,
-24.4607, 5.5988

■ 28.1870, -13.8962,
-22.9660

■ 251.9220,
-11.7935, 2.6994

■ 16.4360, -8.1029,
-14.4144

■ 0.0000, 0.0000,

0.0000

■ 149.0490,
-41.4362, -9.6900

■ 149.0490,
-41.4362, -9.6900

■ 145.6160,
-48.1247, -11.0642

■ 152.4820,
-34.7476, -8.3157

■ 141.8840,
-54.6658, -13.0533

■ 156.2140,
-28.2065, -6.3267

■ 138.4510,
-61.3543, -14.4275

■ 159.6470,
-21.5180, -4.9524

■ 135.6590,
-66.8799, -15.4869

■ 163.0800,
-14.8294, -3.5782

■ 166.8120, -8.2883,
-1.5891

■ 170.3590, -1.1630,
-0.3148

■ 173.7920, 5.5255,
1.0594

■ 177.5240, 12.0667,
3.0485

■ 180.9570, 18.7552,
4.4227

Harmonies

Analogous

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



153.8970, -50.7282, 30.7853



149.0490, -41.4362, -9.6900



137.9620, -16.2503, -61.3567

Triad

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



149.0490, -41.4362, -9.6900



132.5300, 55.9407, -116.2288



160.2500, 1.3558, 78.7108

Complementary

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



149.0490, -41.4362, -9.6900



86.9510, 41.4362, 9.6900

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.



164.0240, 24.1452, 49.0910



149.0490, -41.4362, -9.6900



133.0900, 60.1016, -97.4259

Square

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



149.0490, -41.4362, -9.6900



131.6060, 37.1692, -115.4185



161.9170, 42.9319, -3.4352



157.4850, -21.9311, 81.1357

Rectangle

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



149.0490, -41.4362, -9.6900



123.2670, 7.7564, -108.1052



161.9170, 42.9319, -3.4352



161.2690, 9.2344, 71.6781

Sweetspot

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



149.0490, -41.4362, -9.6900



213.3250, -16.4292, -3.7930



115.4780, -24.8857, 48.6928



106.6440, -10.1775, -2.3188



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.



149.0490, -41.4362, -9.6900



188.0550, -64.1171, -14.9572



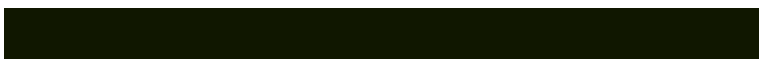
133.5010, -33.7710, -41.6584



85.0770, -3.4890, -0.9445



119.1460, -58.7390, -13.2830



18.2850, -9.0145, -2.0039

Inverse Universe

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



86.9510, 41.4362, 9.6900



91.9450, 64.1171, 14.9572



102.4990, 33.7710, 41.6584



79.9230, 3.4890, 0.9445



31.1530, 58.5916, 13.8978



4.7150, 9.0145, 2.0039

Previews

White Background



This preview shows how the YUV color 149.0490, -41.4362, -9.6900 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 149.0490, -41.4362, -9.6900 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

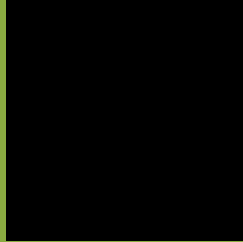
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 149.0490, -41.4362, -9.6900

Background



This preview shows how black text looks on a background with the YUV color 149.0490, -41.4362, -9.6900.



This preview shows how white text looks on a background with the YUV color 149.0490, -41.4362, -9.6900.

-9.6900.

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

149.0490, -41.4362, -9.6900

Protanopia

153.3240, -45.0227, 20.7639

Deuteranopia

155.6340, -41.7246, 36.2780



Tritanopia

158.7910, 7.0050, -6.8327

Trichromacy



Original Color

149.0490, -41.4362, -9.6900

Protanomaly

151.6000, -43.6798, 9.9978

Deuteranomaly

153.2360, -41.5283, 19.9640

Tritanomaly

155.1980, -10.4506, -8.0666

Monochromacy



Original Color

149.0490, -41.4362, -9.6900

Achromatopsia

149.0000, 0.0000, 0.0000

Achromatomaly

148.9660, -15.2662, -3.4782

CSS Examples

Text

The CSS property to change the color of the text to YUV 149.0490, -41.4362, -9.6900 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(138, 171, 65)` looks like.

```
.text, #text, p{  
    color:rgb(138, 171, 65)  
}
```

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(138, 171, 65) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(138, 171, 65) }
```

Border

The CSS property to change the border of an element to YUV 149.0490, -41.4362, -9.6900 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(138, 171, 65) }
```


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

```
.border{ border-color:rgb(138, 171, 65) }
```

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

Here you see how a box with a 4 pixel `rgb(138, 171, 65)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(138, 171, 65); -webkit-box-  
shadow:4px 4px 4px 4px rgb(138, 171, 65);  
box-shadow:4px 4px 4px 4px rgb(138, 171,  
65) }
```

Background

The CSS property to change the background color of an element to YUV 149.0490, -41.4362, -9.6900 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(138, 171, 65) }
```

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

```
.background{ background-color: rgb(138,  
171, 65) }
```

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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