

Converting Colors

YUV(149.0490, -61.1562,
62.2240)

Have a look what the booklet for
YUV(149.0490, -61.1562, 62.2240)
contains.

YUV(149.0490, -61.1562, 62.2240)	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(149.0490, -61.1562,
62.2240)**

Conversions

Conversions Part 1

Format	Color
Hex	DC8919
RGB	220, 137, 25
RGB Percent	86%, 54%, 10%
CMY	0.1373, 0.4627, 0.9020
CMYK	0.00, 0.38, 0.89, 0.14
HSL	34°, 80%, 48%
HSV	34°, 89%, 86%
XYZ	38.6363, 33.1772, 5.2872
YIQ	149.0490, 85.4200, -17.2360

Conversions

Conversions Part 2

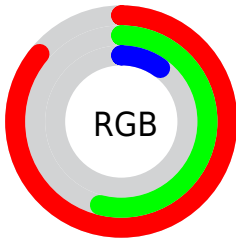
Format	Color
R _Y B	170, 220, 25
Decimal	14453017
CIE Lab	64.30, 24.25, 65.49
CIE LCh	64, 69.835, 69.682
Yxy	33.1772, 0.5011, 0.4303
Android (android.graphics.Color)	4292643097 (0xFFDC8919)
YUV	149.0490, -61.1562, 62.2240
Hunter-Lab	57.5996, 18.9339, 34.8774

Details

The YUV color **149.0490, -61.1562, 62.2240** is a dark color, and the websafe version is hex **FF9933**. The color can be described as dark washed orange. A complement of this color would be **95.9510, 61.1562, -62.2240**, and the grayscale version is **150.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **197.8240, -56.6082, 50.1434**, and **98.6100, -48.6147, 52.9620** is the 20% darker color. If you saturate the color by 10%, you get **141.2580, -68.1612, 69.0567**, and if you desaturate by 10%, it is **156.8400, -54.1511, 55.3913**.

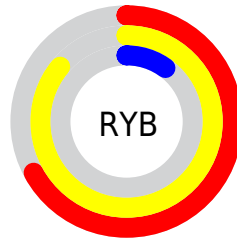
Distribution



Red (86%)

Green (54%)

Blue (10%)



Red (67%)

Yellow (86%)

Blue (10%)

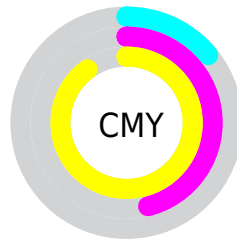


Cyan (0%)

Magenta (38%)

Yellow (89%)

Black (14%)



Cyan (14%)

Magenta (46%)

Yellow (90%)


Brightness & Saturation Gradients


These gradients show how the YUV color 149.0490, -61.1562, 62.2240 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, -61.1562, 62.2240 by changing the saturation by 10% instead.


 149.0490,
-61.1562, 62.2240


 149.0490,
-61.1562, 62.2240


 255.0000, 0.0000,
0.0000


 121.6680,
-59.9823, 59.0502


 197.8240,
-56.6082, 50.1434


 98.6100, -48.6147,
52.9620


 216.7510,
-52.6282, 33.5444

 75.5520, -37.2471,
46.8739


 236.8520,
-49.2270, 15.9158

 53.3800, -26.3163,
40.8857

 244.7400,
-39.3118, 8.9980

 32.0940, -15.8223,
34.9976

 247.9320,
-27.0815, 6.1986

 13.7540, -6.7807,
28.2797

 251.2380,

 0.0000, 0.0000,

-14.4143, 3.2993

0.0000

254.5440, -1.7472,
0.3999

■ 149.0490,
-61.1562, 62.2240

■ 149.0490,
-61.1562, 62.2240

■ 141.2580,
-68.1612, 69.0567

■ 156.8400,
-54.1511, 55.3913

■ 139.7420,
-68.8928, 70.3863

■ 165.2180,
-47.4355, 48.0438

■ 173.0090,
-40.4304, 41.2111

■ 180.8000,
-33.4254, 34.3784

■ 189.1780,
-26.7098, 27.0309

■ 196.9690,
-19.7047, 20.1982

■ 205.3470,
-12.9891, 12.8507

■ 213.1380, -5.9840,
6.0180

■ 220.9290, 1.0210,
-0.8147

Harmonies

Analogous

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



149.8210, -34.9148, 92.2420



149.0490, -61.1562, 62.2240



143.2660, -70.6301, 20.8147

Triad

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



149.0490, -61.1562, 62.2240



128.5450, 22.9023, -112.7340



160.1680, 45.7662, 20.9007

Complementary

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



149.0490, -61.1562, 62.2240



95.9510, 61.1562, -62.2240

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.



131.0960, 61.0847, -86.0302



149.0490, -61.1562, 62.2240



134.0970, 49.2522, -117.6031

Square

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



149.0490, -61.1562, 62.2240



119.3740, -4.6214, -104.6910



131.2080, 61.0295, -115.0694



156.0430, 22.1638, 78.0153

Rectangle

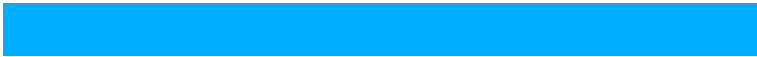
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



149.0490, -61.1562, 62.2240



140.2860, -54.3710, -14.2828



131.2080, 61.0295, -115.0694



156.6980, 48.4629, -4.1201

Sweetspot

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



149.0490, -61.1562, 62.2240



230.1110, -21.7467, 21.8277



92.9950, 8.3835, 111.3834



112.7600, -12.6997, 13.3655



0.0000, 0.0000, 0.0000



128.0000, 0.0000, 0.0000

Same Dimension

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



149.0490, -61.1562, 62.2240



161.9470, -79.8399, 81.6075



193.8830, -83.2593, 11.5036



105.8110, -3.3578, 3.6738



110.4270, -54.4405, 54.8765



29.0160, -14.3049, 14.8950

Inverse Universe

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



95.9510, 61.1562, -62.2240



93.0530, 79.8399, -81.6075



51.1170, 83.2593, -11.5036



102.6020, 3.6472, -3.1590



63.1600, 54.1511, -55.3913



16.9840, 14.3049, -14.8950

Previews

White Background



This preview shows how the YUV color 149.0490, -61.1562, 62.2240 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, -61.1562, 62.2240 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, -61.1562, 62.2240 Background



This preview shows how black text looks on a background with the YUV color 149.0490, -61.1562, 62.2240.



This preview shows how white text looks on a background with the YUV color 149.0490, -61.1562, 62.2240.

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, -61.1562, 62.2240

Protanopia

148.2030, -58.2741, 24.3780

Deuteranopia

147.6740, -65.9013, 44.1359



Tritanopia

158.0290, -10.3673, 58.7336

Trichromacy



Original Color

149.0490, -61.1562, 62.2240

Protanomaly

148.6500, -59.4805, 38.0179

Deuteranomaly

148.1740, -64.1758, 50.7134

Tritanomaly

154.5180, -28.8494, 60.0587

Monochromacy



Original Color

149.0490, -61.1562, 62.2240

Achromatopsia

149.0000, 0.0000, 0.0000

Achromatomaly

149.2960, -22.3309, 22.5424

CSS Examples

Text

The CSS property to change the color of the text to YUV 149.0490, -61.1562, 62.2240 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(220, 137, 25)` looks like.

```
.text, #text, p{  
    color:rgb(220, 137, 25)  
}
```

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(220, 137, 25) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(220, 137, 25) }
```

Border

The CSS property to change the border of an element to YUV 149.0490, -61.1562, 62.2240 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(220, 137, 25) }
```


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

```
.border{ border-color:rgb(220, 137, 25) }
```

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

Here you see how a box with a 4 pixel `rgb(220, 137, 25)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(220, 137, 25); -webkit-box-  
shadow:4px 4px 4px 4px rgb(220, 137, 25);  
box-shadow:4px 4px 4px 4px rgb(220, 137,  
25) }
```

Background

The CSS property to change the background color of an element to YUV 149.0490, -61.1562, 62.2240 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(220, 137, 25) }
```

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

```
.background{ background-color: rgb(220,  
137, 25) }
```

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