

# Converting Colors

YUV(150.8280, -29.0022,  
62.4178)

Have a look what the booklet for  
YUV(150.8280, -29.0022, 62.4178)  
contains.

<b>YUV(150.8280, -29.0022, 62.4178)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	12
<b><i>Previews</i></b> .....	24
<b><i>Color Blindness Simulation</i></b> .....	28
<b><i>CSS Examples</i></b> .....	31

# Color

**YUV(150.8280, -29.0022,  
62.4178)**

# Conversions

## Conversions Part 1

Format	Color
Hex	DE7E5C
RGB	222, 126, 92
RGB Percent	87%, 49%, 36%
CMY	0.1294, 0.5059, 0.6392
CMYK	0.00, 0.43, 0.59, 0.13
HSL	16°, 66%, 62%
HSV	16°, 59%, 87%
XYZ	39.5168, 31.2240, 14.0693
YIQ	150.8280, 68.1300, 9.7780

# Conversions

## Conversions Part 2

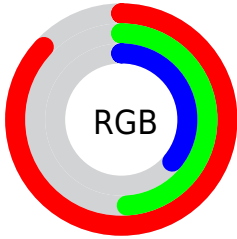
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	222, 138, 92
Decimal	14581340
CIE Lab	62.70, 33.97, 34.57
CIE LCh	63, 48.469, 45.502
Yxy	31.2240, 0.4659, 0.3682
Android (android.graphics.Color)	4292771420 (0xFFDE7E5C)
YUV	150.8280, -29.0022, 62.4178
Hunter-Lab	55.8784, 28.4466, 24.1867

# Details

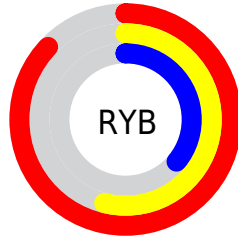
The YUV color **150.8280, -29.0022, 62.4178** is a dark color, and the websafe version is hex **FF9966**. The color can be described as middle muted orange. A complement of this color would be **163.1720, 29.0022, -62.4178**, and the grayscale version is **151.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **198.2070, -27.2171, 49.8075**, and **97.5930, -25.9283, 56.4849** is the 20% darker color. If you saturate the color by 10%, you get **138.9280, -33.9815, 72.8541**, and if you desaturate by 10%, it is **162.7280, -24.0229, 51.9815**.

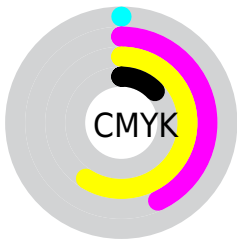
# Distribution



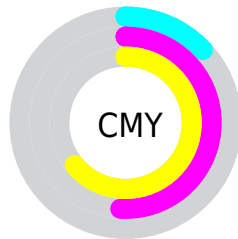
- Red (87%)
- Green (49%)
- Blue (36%)



- Red (87%)
- Yellow (54%)
- Blue (36%)



- Cyan (0%)
- Magenta (43%)
- Yellow (59%)
- Black (13%)



- Cyan (13%)
- Magenta (51%)
- Yellow (64%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 150.8280, -29.0022, 62.4178 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 150.8280, -29.0022, 62.4178 by changing the saturation by 10% instead.



150.8280,  
-29.0022, 62.4178

150.8280,  
-29.0022, 62.4178

255.0000, 0.0000,  
0.0000

123.8600,  
-27.5390, 59.7588

198.2070,  
-27.2171, 49.8075

97.5930, -25.9283,  
56.4849

217.7210,  
-23.5265, 32.6937

72.3260, -24.3177,  
53.2111

237.2350,  
-19.8359, 15.5799

46.6570, -23.0019,  
51.1668

251.5800,  
-13.1039, 2.9993

23.0230, -11.3503,  
47.3378

254.8860, -0.4368,  
0.1000

14.9500, -7.3703,  
30.7388

1.7940, -0.8844,

3.6887

■ 0.0000, 0.0000,  
0.0000

■ 150.8280,  
-29.0022, 62.4178

■ 150.8280,  
-29.0022, 62.4178

■ 138.9280,  
-33.9815, 72.8541

■ 162.7280,  
-24.0229, 51.9815

■ 126.4410,  
-38.6714, 83.8052

■ 175.2150,  
-19.3330, 41.0304

■ 114.4270,  
-44.0875, 94.3415

■ 187.2290,  
-13.9169, 30.4942

■ 101.9400,  
-48.7774, 105.2926

■ 199.7160, -9.2270,  
19.5431

■ 100.4240,  
-49.5090, 106.6222

■ 211.6160, -4.2477,  
9.1068

■ 223.5160, 0.7316,  
-1.3295

■ 236.0030, 5.4215,  
-12.2806

■ 245.1330, 4.8644,  
-20.2876

# Harmonies

## Analogous

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



151.8070, -10.2579, 70.3293



150.8280, -29.0022, 62.4178



148.8840, -40.8618, 39.5667

# Triad

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



150.8280, -29.0022, 62.4178



121.9490, 3.4761, -88.5323



149.2470, 42.2762, -26.5266

# Complementary

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



150.8280, -29.0022, 62.4178



163.1720, 29.0022, -62.4178

# 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.



121.8840, 55.7662, -106.8923



150.8280, -29.0022, 62.4178



121.2730, 25.5014, -106.3564

# Square

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



150.8280, -29.0022, 62.4178



139.2820, -24.7890, -29.1883



123.9580, 43.4047, -108.7112



155.7820, 27.7155, 23.8702



# Rectangle

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



150.8280, -29.0022, 62.4178



146.8230, -41.8177, 19.4492



123.9580, 43.4047, -108.7112



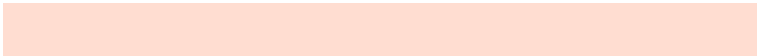
144.0270, 45.8357, -48.2587

# Sweetspot

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



150.8280, -29.0022, 62.4178



229.7980, -10.2534, 22.1022



142.0420, 23.6433, 70.1232



112.3670, -6.5899, 13.7101



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.



150.8280, -29.0022, 62.4178



157.2240, -39.5504, 85.7496



188.3960, -47.5232, 29.4707



106.0500, -2.4896, 5.2182



79.6260, -39.2556, 84.5200



21.9830, -10.8376, 22.8169



# Inverse Universe

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



163.1720, 29.0022, -62.4178



174.1890, 39.8398, -85.2348



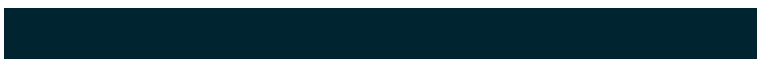
126.1910, 47.2338, -29.9855



106.9500, 2.4897, -5.2181



96.3740, 39.2556, -84.5200

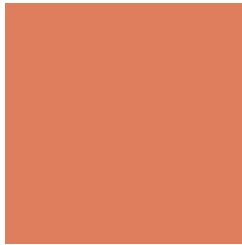


26.6040, 10.5482, -23.3317



# Previews

## White Background



This preview shows how the YUV color 150.8280, -29.0022, 62.4178 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 150.8280, -29.0022, 62.4178 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 150.8280, -29.0022, 62.4178

## Background



This preview shows how black text looks on a background with the YUV color 150.8280, -29.0022, 62.4178.



This preview shows how white text looks on a background with the YUV color 150.8280, -29.0022,



# 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

150.8280, -29.0022, 62.4178

### Protanopia

150.1870, -23.7562, 12.9910

### Deuteranopia

150.4620, -30.7938, 30.2898



## Tritanopia

153.1220, -11.3991, 63.0370

# Trichromacy



## Original Color

150.8280, -29.0022, 62.4178

## Protanomaly

150.7270, -25.9944, 30.9344

## Deuteranomaly

150.3540, -30.2475, 41.7855

## Tritanomaly

152.4010, -17.9457, 62.7923

# Monochromacy



## Original Color

150.8280, -29.0022, 62.4178

## Achromatopsia

151.0000, 0.0000, 0.0000

## Achromatomaly

151.0970, -10.4008, 22.7169

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 150.8280, -29.0022, 62.4178 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(222, 126, 92)` looks like.

```
.text, #text, p{  
    color:rgb(222, 126, 92)  
}
```

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(222, 126, 92) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(222, 126, 92) }
```

## Border

The CSS property to change the border of an element to YUV 150.8280, -29.0022, 62.4178 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(222, 126, 92) }
```



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

```
.border{ border-color:rgb(222, 126, 92) }
```

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

Here you see how a box with a 4 pixel rgb(222, 126, 92) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(222, 126, 92); -webkit-box-  
shadow:4px 4px 4px 4px rgb(222, 126, 92);  
box-shadow:4px 4px 4px 4px rgb(222, 126,  
92) }
```

# Background

The CSS property to change the background color of an element to YUV 150.8280, -29.0022, 62.4178 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(222, 126, 92) }
```

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

```
.background{ background-color: rgb(222,  
126, 92) }
```

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