

# Converting Colors

YUV(142.6430, -24.9670,  
74.8581)

Have a look what the booklet for  
YUV(142.6430, -24.9670, 74.8581)  
contains.

<b>YUV(142.6430, -24.9670, 74.8581)</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(142.6430, -24.9670,  
74.8581)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	E46D5C
RGB	228, 109, 92
RGB Percent	89%, 43%, 36%
CMY	0.1059, 0.5725, 0.6392
CMYK	0.00, 0.52, 0.60, 0.11
HSL	7°, 72%, 63%
HSV	7°, 60%, 89%
XYZ	39.3953, 28.2040, 13.4928
YIQ	142.6430, 76.3810, 19.9410

# Conversions

## Conversions Part 2

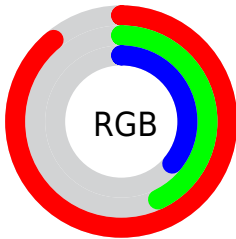
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	228, 111, 92
Decimal	14970204
CIE <sub>Lab</sub>	60.07, 44.90, 31.45
CIE <sub>LCh</sub>	60, 54.816, 35.009
Yxy	28.2040, 0.4858, 0.3478
Android (android.graphics.Color)	4293160284 (0xFFE46D5C)
YUV	142.6430, -24.9670, 74.8581
Hunter-Lab	53.1074, 39.4741, 22.1116

# Details

The YUV color **142.6430, -24.9670, 74.8581** is a dark color, and the websafe version is hex **FF6666**. The color can be described as middle muted orange. A complement of this color would be **177.3570, 24.9670, -74.8581**, and the grayscale version is **143.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **188.2280, -22.2974, 58.5590**, and **88.0490, -20.7302, 69.2400** is the 20% darker color. If you saturate the color by 10%, you get **128.2810, -29.2255, 87.4536**, and if you desaturate by 10%, it is **157.0050, -20.7085, 62.2626**.

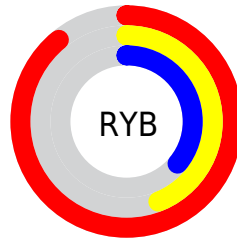
# Distribution



Red (89%)

Green (43%)

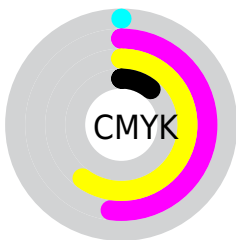
Blue (36%)



Red (89%)

Yellow (44%)

Blue (36%)

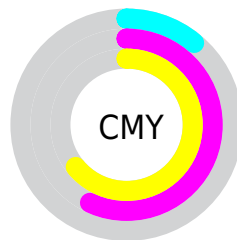


Cyan (0%)

Magenta (52%)

Yellow (60%)

Black (11%)



Cyan (11%)

Magenta (57%)

Yellow (64%)


# Brightness & Saturation Gradients

These gradients show how the YUV color 142.6430, -24.9670, 74.8581 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 142.6430, -24.9670, 74.8581 by changing the saturation by 10% instead.





 142.6430,  
-24.9670, 74.8581

 142.6430,  
-24.9670, 74.8581


255.0000, 0.0000,  
0.0000


 115.3760,  
-23.3564, 71.5842


 188.2280,  
-22.2974, 58.5590

 88.0490, -20.7302,  
69.2400


 207.6280,  
-19.0436, 41.5452

 60.1350, -17.8146,  
67.4106


 227.7290,  
-15.6424, 23.9167

 32.2920, -15.9200,  
66.3959

 247.9440,  
-11.8044, 6.1881

 23.6210, -11.6452,  
48.5674

254.7720, -0.8736,  
0.2000

 16.3740, -7.0864,  
32.9980

 1.4950, -0.7370,

3.0739

■ 0.0000, 0.0000,  
0.0000

■ 142.6430,  
-24.9670, 74.8581

■ 142.6430,  
-24.9670, 74.8581

■ 128.2810,  
-29.2255, 87.4536

■ 157.0050,  
-20.7085, 62.2626

■ 113.9190,  
-33.4841, 100.0490

■ 171.3670,  
-16.4499, 49.6671

■ 99.6710, -37.3058,  
112.5445

■ 185.6150,  
-12.6282, 37.1716

■ 85.3090, -41.5643,  
125.1400

■ 199.9770, -8.3697,  
24.5762

■ 84.6080, -41.7117,  
125.7548

■ 214.3390, -4.1111,  
11.9807

■ 228.7010, 0.1474,  
-0.6148

■ 243.0630, 4.4059,  
-13.2103

■ 246.9270, 3.9800,  
-16.5990

# Harmonies

## Analogous

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



143.9140, -2.4226, 77.2514



142.6430, -24.9670, 74.8581



141.5160, -42.6524, 53.9215

# Triad

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



142.6430, -24.9670, 74.8581



116.8550, -7.3235, -77.9258



130.7950, 54.3311, -66.4722

# Complementary

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



142.6430, -24.9670, 74.8581



177.3570, 24.9670, -74.8581

# 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.



120.3680, 55.0346, -105.5627



142.6430, -24.9670, 74.8581



115.9440, 17.7756, -101.6829

# Square

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



142.6430, -24.9670, 74.8581



133.3730, -36.1729, -17.8671



120.7150, 38.5945, -105.8671



148.2020, 37.3684, 7.7158



# Rectangle

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



142.6430, -24.9670, 74.8581



140.0760, -48.8445, 33.2593



120.7150, 38.5945, -105.8671



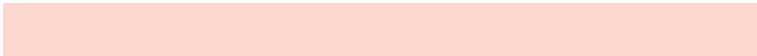
117.2850, 60.9915, -102.8589

# Sweetspot

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



142.6430, -24.9670, 74.8581



226.2760, -8.5171, 25.1909



146.3440, 32.3684, 71.6123



110.0190, -5.4324, 15.7693



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.



142.6430, -24.9670, 74.8581



139.5170, -33.7789, 101.2786



181.9720, -44.3562, 40.3666



107.7620, -2.3477, 6.3477



66.4350, -32.7525, 98.7195



18.7710, -9.2541, 28.2648

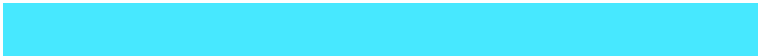


# Inverse Universe

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



177.3570, 24.9670, -74.8581



186.4830, 33.7789, -101.2786



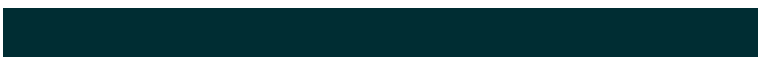
138.0280, 44.3562, -40.3666



110.2380, 2.3477, -6.3477



111.9780, 33.0418, -98.2047



32.2290, 9.2541, -28.2648



# Previews

## White Background



This preview shows how the YUV color 142.6430, -24.9670, 74.8581 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

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 142.6430, -24.9670, 74.8581 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 × Fail

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

# YUV 142.6430, -24.9670, 74.8581

## Background



This preview shows how black text looks on a background with the YUV color 142.6430, -24.9670, 74.8581.



This preview shows how white text looks on a background with the YUV color 142.6430, -24.9670,



# 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

142.6430, -24.9670, 74.8581

### Protanopia

143.9570, -18.2198, 10.5617

### Deuteranopia

144.1350, -28.1676, 27.9456



## Tritanopia

143.5750, -15.0735, 74.9177

# Trichromacy



## Original Color

142.6430, -24.9670, 74.8581

## Protanomaly

143.5300, -20.4743, 33.7382

## Deuteranomaly

143.5870, -26.9114, 45.0892

## Tritanomaly

143.2500, -18.8573, 75.2027

# Monochromacy



## Original Color

142.6430, -24.9670, 74.8581

## Achromatopsia

143.0000, 0.0000, 0.0000

## Achromatomaly

143.0590, -9.3961, 27.1353

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 142.6430, -24.9670, 74.8581 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(228, 109, 92)` looks like.

```
.text, #text, p{  
    color:rgb(228, 109, 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(228, 109, 92) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(228, 109, 92) }
```

## Border

The CSS property to change the border of an element to YUV 142.6430, -24.9670, 74.8581 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(228, 109, 92) }
```



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

```
.border{ border-color:rgb(228, 109, 92) }
```

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

Here you see how a box with a 4 pixel rgb(228, 109, 92) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(228, 109, 92); -webkit-box-  
shadow:4px 4px 4px 4px rgb(228, 109, 92);  
box-shadow:4px 4px 4px 4px rgb(228, 109,  
92) }
```

# Background

The CSS property to change the background color of an element to YUV 142.6430, -24.9670, 74.8581 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(228, 109, 92) }
```

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

```
.background{ background-color: rgb(228,  
109, 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](#).

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