

# Converting Colors

YUV(140.6420, -43.7005,  
63.4580)

Have a look what the booklet for  
YUV(140.6420, -43.7005, 63.4580)  
contains.

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# Color

**YUV(140.6420, -43.7005,  
63.4580)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	D57934
RGB	213, 121, 52
RGB Percent	84%, 47%, 20%
CMY	0.1647, 0.5255, 0.7961
CMYK	0.00, 0.43, 0.76, 0.16
HSL	26°, 66%, 52%
HSV	26°, 76%, 84%
XYZ	34.8978, 28.0688, 6.8273
YIQ	140.6420, 76.9810, -1.9550

# Conversions

## Conversions Part 2

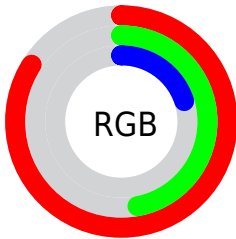
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	213, 173, 52
Decimal	13990196
CIE <sub>Lab</sub>	59.95, 30.66, 51.49
CIE <sub>LCh</sub>	60, 59.930, 59.231
Yxy	28.0688, 0.5000, 0.4022
Android (android.graphics.Color)	4292180276 (0xFFD57934)
YUV	140.6420, -43.7005, 63.4580
Hunter-Lab	52.9800, 24.8624, 29.4455

# Details

The YUV color **140.6420, -43.7005, 63.4580** is a dark color, and the websafe version is hex **CC6633**. The color can be described as dark muted orange. A complement of this color would be **124.3580, 43.7005, -63.4580**, and the grayscale version is **141.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **190.1250, -42.9526, 56.8954**, and **87.1250, -42.9526, 56.8954** is the 20% darker color. If you saturate the color by 10%, you get **131.2040, -49.4006, 71.7351**, and if you desaturate by 10%, it is **150.0800, -38.0004, 55.1808**.

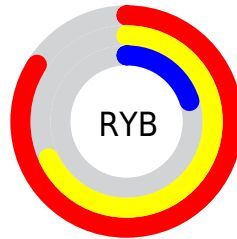
# Distribution



Red (84%)

Green (47%)

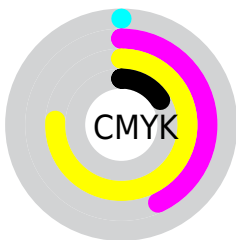
Blue (20%)



Red (84%)

Yellow (68%)

Blue (20%)

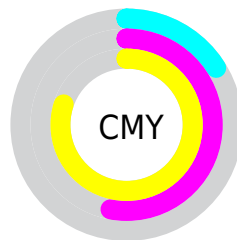


Cyan (0%)

Magenta (43%)

Yellow (76%)

Black (16%)



Cyan (16%)

Magenta (53%)


Yellow (80%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 140.6420, -43.7005, 63.4580 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 140.6420, -43.7005, 63.4580 by changing the saturation by 10% instead.





 140.6420,  
-43.7005, 63.4580


 140.6420,  
-43.7005, 63.4580


255.0000, 0.0000,  
0.0000


 114.0330,  
-43.4003, 60.4841


 190.1250,  
-42.9526, 56.8954

 87.1250, -42.9526,  
56.8954


 209.5250,  
-39.6988, 39.8816

 64.3660, -31.7324,  
51.4220


 228.9250,  
-36.4450, 22.8678

 41.6070, -20.5123,  
45.9487

 246.7920,  
-31.4495, 7.1984

 19.7340, -9.7289,  
40.5753

 249.9840,  
-19.2191, 4.3990

 12.9710, -5.9017,  
26.3354

 253.2900, -6.5520,

 0.0000, 0.0000,

1.4997

0.0000

■ 140.6420,  
-43.7005, 63.4580

■ 140.6420,  
-43.7005, 63.4580

■ 131.2040,  
-49.4006, 71.7351

■ 150.0800,  
-38.0004, 55.1808

■ 121.6520,  
-55.5374, 80.1122

■ 159.6320,  
-31.8636, 46.8037

■ 117.1040,  
-57.7323, 84.1008

■ 169.6570,  
-26.4529, 38.0118

■ 179.0950,  
-20.7528, 29.7347

■ 188.6470,  
-14.6160, 21.3576

■ 198.0850, -8.9159,  
13.0805

■ 207.5230, -3.2158,  
4.8033

■ 216.9610, 2.4842,  
-3.4738

■ 227.1000, 8.3317,  
-12.3657

# Harmonies

## Analogous

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



141.0940, -22.2313, 84.1096



140.6420, -43.7005, 63.4580



136.9310, -55.6750, 30.7555

# Triad

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



140.6420, -43.7005, 63.4580



115.2770, 12.6814, -101.0979



146.3730, 44.6791, -3.8351

# Complementary

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



140.6420, -43.7005, 63.4580



124.3580, 43.7005, -63.4580

# 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.



117.1370, 65.5015, -102.7291



140.6420, -43.7005, 63.4580



121.4330, 36.2685, -106.4967

# Square

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



140.6420, -43.7005, 63.4580



117.6510, -14.6179, -71.6079



122.4710, 55.4768, -107.4071



147.9750, 25.1553, 51.7649



# Rectangle

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



140.6420, -43.7005, 63.4580



134.4330, -50.4995, 4.0053



122.4710, 55.4768, -107.4071



141.5270, 51.0122, -28.5262

# Sweetspot

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



140.6420, -43.7005, 63.4580



228.3160, -15.9318, 23.4019



110.8550, 17.3265, 89.5812



111.5690, -9.6475, 14.4100



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.



140.6420, -43.7005, 63.4580



150.4810, -62.8481, 91.6632



187.0150, -66.5624, 22.7888



102.2240, -3.0684, 4.1886



93.9800, -46.3321, 67.5465



24.0100, -11.8369, 16.6542

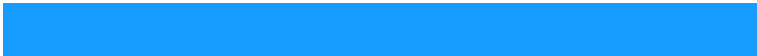


# Inverse Universe

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



124.3580, 43.7005, -63.4580



127.5190, 62.8481, -91.6632



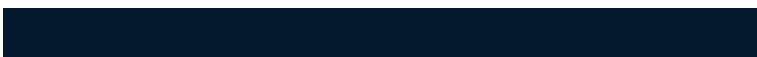
77.9850, 66.5624, -22.7888



101.3630, 2.7790, -4.7034



77.0200, 46.3321, -67.5465

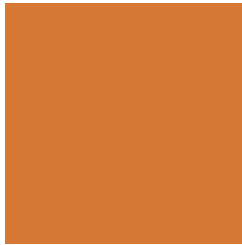


19.5770, 11.5475, -17.1690



# Previews

## White Background



This preview shows how the YUV color 140.6420, -43.7005, 63.4580 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 140.6420, -43.7005, 63.4580 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 140.6420, -43.7005, 63.4580 Background



This preview shows how black text looks on a background with the YUV color 140.6420, -43.7005, 63.4580.



This preview shows how white text looks on a background with the YUV color 140.6420, -43.7005, 63.4580.

63.4580.

# 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

140.6420, -43.7005, 63.4580

### Protanopia

139.9800, -39.9231, 18.4345

### Deuteranopia

140.4830, -46.0871, 35.5334



## Tritanopia

145.7090, -11.6885, 62.5222

# Trichromacy



## Original Color

140.6420, -43.7005, 63.4580

## Protanomaly

140.0360, -41.4297, 35.0484

## Deuteranomaly

140.7770, -45.2461, 45.7996

## Tritanomaly

144.3210, -23.3293, 62.8625

# Monochromacy



## Original Color

140.6420, -43.7005, 63.4580

## Achromatopsia

141.0000, 0.0000, 0.0000

## Achromatomaly

141.0170, -15.7844, 22.7871

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 140.6420, -43.7005, 63.4580 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(213, 121, 52)` looks like.

```
.text, #text, p{  
    color:rgb(213, 121, 52)  
}
```

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(213, 121, 52) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(213, 121, 52) }
```

## Border

The CSS property to change the border of an element to YUV 140.6420, -43.7005, 63.4580 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(213, 121, 52) }
```



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

```
.border{ border-color:rgb(213, 121, 52) }
```

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

Here you see how a box with a 4 pixel `rgb(213, 121, 52)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(213, 121, 52); -webkit-box-  
shadow:4px 4px 4px 4px rgb(213, 121, 52);  
box-shadow:4px 4px 4px 4px rgb(213, 121,  
52) }
```

# Background

The CSS property to change the background color of an element to YUV 140.6420, -43.7005, 63.4580 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(213, 121, 52) }
```

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

```
.background{ background-color: rgb(213,  
121, 52) }
```

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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