

# Converting Colors

YUV(124.0620, -30.5966,  
60.4586)

Have a look what the booklet for  
YUV(124.0620, -30.5966, 60.4586)  
contains.

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# Color

**YUV(124.0620, -30.5966,  
60.4586)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	C1653E
RGB	193, 101, 62
RGB Percent	76%, 40%, 24%
CMY	0.2431, 0.6039, 0.7569
CMYK	0.00, 0.48, 0.68, 0.24
HSL	18°, 51%, 50%
HSV	18°, 68%, 76%
XYZ	27.5155, 20.9926, 7.1592
YIQ	124.0620, 67.3510, 7.3750

# Conversions

## Conversions Part 2

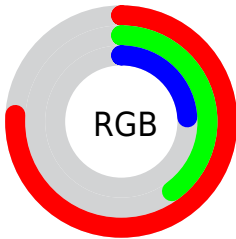
<b>Format</b>	<b>Color</b>
<b>RYB</b>	193, 118, 62
Decimal	12674366
CIELab	52.94, 33.60, 38.14
CIELCh	53, 50.831, 48.621
Yxy	20.9926, 0.4943, 0.3771
Android (android.graphics.Color)	4290864446 (0xFFC1653E)
YUV	124.0620, -30.5966, 60.4586
Hunter-Lab	45.8177, 27.0160, 22.8081

# Details

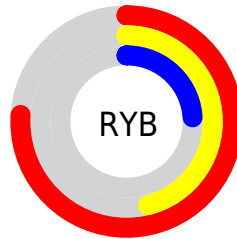
The YUV color **124.0620, -30.5966, 60.4586** is a dark color, and the websafe version is hex **CC6633**. The color can be described as dark muted orange. A complement of this color would be **130.9380, 30.5966, -60.4586**, and the grayscale version is **124.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **178.4110, -33.2336, 66.2916**, and **71.8270, -27.5227, 54.5257** is the 20% darker color. If you saturate the color by 10%, you get **113.6780, -34.8443, 69.5654**, and if you desaturate by 10%, it is **134.4460, -26.3489, 51.3519**.

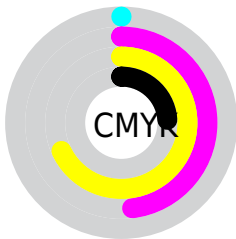
# Distribution



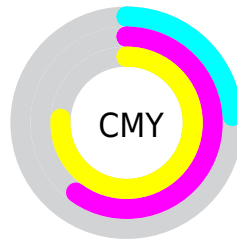
- Red (76%)
- Green (40%)
- Blue (24%)



- Red (76%)
- Yellow (46%)
- Blue (24%)



- Cyan (0%)
- Magenta (48%)
- Yellow (68%)
- Black (24%)



- Cyan (24%)
- Magenta (60%)
- Yellow (76%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 124.0620, -30.5966, 60.4586 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 124.0620, -30.5966, 60.4586 by changing the saturation by 10% instead.





 124.0620,  
-30.5966, 60.4586


 124.0620,  
-30.5966, 60.4586


255.0000, 0.0000,  
0.0000


 97.7950, -28.9859,  
57.1848


 178.4110,  
-33.2336, 66.2916


 71.8270, -27.5227,  
54.5257


 198.1100,  
-30.1272, 49.8925

 47.5430, -23.4387,  
51.2668


 216.9230,  
-26.5840, 33.3935

 23.0230, -11.3503,  
47.3378

 237.1380,  
-22.7460, 15.6650

 15.2490, -7.5178,  
31.3536

 250.8960,  
-15.7247, 3.5992

 2.3920, -1.1793,  
4.9182

 254.0880, -3.4944,

 0.0000, 0.0000,

0.7998

0.0000

■ 124.0620,  
-30.5966, 60.4586

■ 124.0620,  
-30.5966, 60.4586

■ 113.6780,  
-34.8443, 69.5654

■ 134.4460,  
-26.3489, 51.3519

■ 103.7670,  
-39.8181, 78.2573

■ 144.3570,  
-21.3750, 42.6599

■ 93.3830, -44.0658,  
87.3641

■ 154.7410,  
-17.1273, 33.5531

■ 91.1660, -44.9448,  
89.3084

■ 164.5380,  
-12.5902, 24.9612

■ 175.0360, -7.9057,  
15.7544

■ 184.8330, -3.3687,  
7.1625

■ 195.2170, 0.8790,  
-1.9443

■ 205.0140, 5.4161,  
-10.5363

■ 215.5120, 10.1006,  
-19.7430

# Harmonies

## Analogous

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



124.7640, -11.7157, 71.2440



124.0620, -30.5966, 60.4586



122.2920, -43.0350, 36.5779

# Triad

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



124.0620, -30.5966, 60.4586



98.0140, 4.9231, -85.9583



124.4430, 41.6866, -24.0675

# Complementary

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



124.0620, -30.5966, 60.4586



130.9380, 30.5966, -60.4586

# 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.



104.0000, 53.2440, -91.2080



124.0620, -30.5966, 60.4586



104.3180, 24.0002, -91.4869

# Square

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



124.0620, -30.5966, 60.4586



112.1070, -22.7308, -36.0508



106.3020, 41.7561, -93.2269



130.2880, 26.9730, 28.6884



# Rectangle

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



124.0620, -30.5966, 60.4586



119.9320, -43.8435, 15.8456



106.3020, 41.7561, -93.2269



117.0700, 47.2935, -49.1734

# Sweetspot

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



124.0620, -30.5966, 60.4586



223.7550, -11.7112, 23.0169



111.8850, 21.7487, 71.1379



109.2530, -7.0267, 13.8101



252.0000, 0.0000, 0.0000



125.0000, 0.0000, 0.0000



# Same Dimension

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



124.0620, -30.5966, 60.4586



143.5040, -47.5765, 93.3970



161.6300, -49.1176, 27.5115



91.7510, -2.3422, 4.6034



76.3150, -37.6233, 74.2687



15.7370, -7.7583, 15.1397



# Inverse Universe

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



130.9380, 30.5966, -60.4586



154.0830, 47.2871, -93.9118



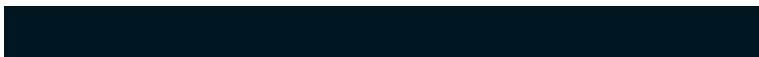
93.3700, 49.1176, -27.5115



92.2490, 2.3422, -4.6034



84.6850, 37.6233, -74.2687

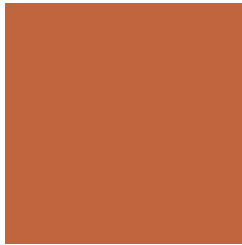


17.2630, 7.7583, -15.1397



# Previews

## White Background



This preview shows how the YUV color 124.0620, -30.5966, 60.4586 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 124.0620, -30.5966, 60.4586 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 124.0620, -30.5966, 60.4586

## Background



This preview shows how black text looks on a background with the YUV color 124.0620, -30.5966, 60.4586.



This preview shows how white text looks on a background with the YUV color 124.0620, -30.5966, 60.4586.

60.4586.

# 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

124.0620, -30.5966, 60.4586

### Protanopia

124.2040, -26.2296, 12.9761

### Deuteranopia

124.5820, -32.8249, 28.4306



## Tritanopia

126.3990, -11.5357, 60.1631

# Trichromacy



## Original Color

124.0620, -30.5966, 60.4586

## Protanomaly

124.5590, -27.8836, 30.2048

## Deuteranomaly

124.4740, -32.2787, 39.9263

## Tritanomaly

125.5640, -18.5191, 60.0184

# Monochromacy



## Original Color

124.0620, -30.5966, 60.4586

## Achromatopsia

124.0000, 0.0000, 0.0000

## Achromatomaly

124.1570, -11.4164, 21.7873

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 124.0620, -30.5966, 60.4586 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(193, 101, 62)` looks like.

```
.text, #text, p{  
    color:rgb(193, 101, 62)  
}
```

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(193, 101, 62) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(193, 101, 62) }
```

## Border

The CSS property to change the border of an element to YUV 124.0620, -30.5966, 60.4586 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(193, 101, 62) }
```



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

```
.border{ border-color:rgb(193, 101, 62) }
```

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

Here you see how a box with a 4 pixel `rgb(193, 101, 62)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(193, 101, 62); -webkit-box-  
shadow:4px 4px 4px 4px rgb(193, 101, 62);  
box-shadow:4px 4px 4px 4px rgb(193, 101,  
62) }
```

# Background

The CSS property to change the background color of an element to YUV 124.0620, -30.5966, 60.4586 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(193, 101, 62) }
```

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

```
.background{ background-color: rgb(193,  
101, 62) }
```

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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