

# Converting Colors

YUV(177.2440, -63.7173,  
43.6360)

Have a look what the booklet for  
YUV(177.2440, -63.7173, 43.6360)  
contains.

<b>YUV(177.2440, -63.7173, 43.6360)</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(177.2440, -63.7173,  
43.6360)**

# Conversions

## Conversions Part 1

Format	Color
Hex	E3B130
RGB	227, 177, 48
RGB Percent	89%, 69%, 19%
CMY	0.1098, 0.3059, 0.8118
CMYK	0.00, 0.22, 0.79, 0.11
HSL	43°, 76%, 54%
HSV	43°, 79%, 89%
XYZ	47.9342, 47.9886, 9.5326
YIQ	177.2440, 71.2090, -29.5190

# Conversions

## Conversions Part 2

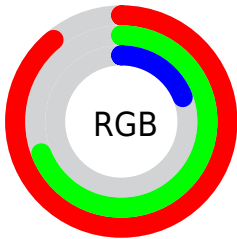
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	117, 227, 48
Decimal	14922032
CIE <sub>Lab</sub>	74.82, 6.53, 67.78
CIE <sub>LCh</sub>	75, 68.090, 84.493
Yxy	47.9886, 0.4545, 0.4551
Android (android.graphics.Color)	4293112112 (0xFFE3B130)
YUV	177.2440, -63.7173, 43.6360
Hunter-Lab	69.2738, 2.2845, 40.3329

# Details

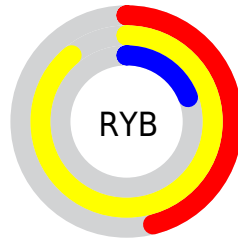
The YUV color **177.2440, -63.7173, 43.6360** is a light color, and the websafe version is hex **CC9900**, and the color name is **rape-blossom brown (nanohanacha)**. The color can be described as light washed orange. A complement of this color would be **97.7560, 63.7173, -43.6360**, and the grayscale version is **178.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **224.2850, -59.3005, 26.9371**, and **123.3080, -60.7908, 38.3179** is the 20% darker color. If you saturate the color by 10%, you get **171.1000, -72.0273, 49.0243**, and if you desaturate by 10%, it is **183.3880, -55.4073, 38.2477**.

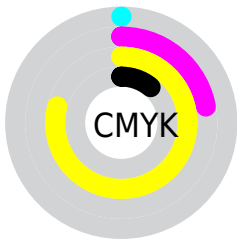
# Distribution



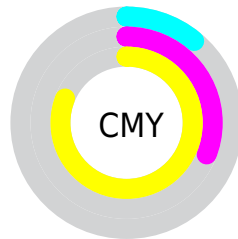
- Red (89%)
- Green (69%)
- Blue (19%)



- Red (46%)
- Yellow (89%)
- Blue (19%)



- Cyan (0%)
- Magenta (22%)
- Yellow (79%)
- Black (11%)



- Cyan (11%)
- Magenta (31%)
- Yellow (81%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 177.2440, -63.7173, 43.6360 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 177.2440, -63.7173, 43.6360 by changing the saturation by 10% instead.



■ 177.2440,  
-63.7173, 43.6360

■ 177.2440,  
-63.7173, 43.6360

■ 255.0000, 0.0000,  
0.0000

■ 147.9790,  
-68.5166, 42.9914

■ 224.2850,  
-59.3005, 26.9371

■ 123.3080,  
-60.7908, 38.3179

■ 240.9780,  
-53.7262, 12.2973

■ 99.9620, -49.2813,  
33.3593

■ 244.1700,  
-41.4958, 9.4979

■ 77.2030, -38.0611,  
27.8860

■ 247.3620,  
-29.2655, 6.6985

■ 55.9170, -27.5671,  
21.9978

■ 250.6680,  
-16.5983, 3.7992

■ 35.8160, -17.6573,  
16.8244

■ 253.9740, -3.9312,

■ 16.3130, -8.0423,

0.8998

12.8805

■ 0.0000, 0.0000,  
0.0000

■ 177.2440,  
-63.7173, 43.6360

■ 177.2440,  
-63.7173, 43.6360

■ 171.1000,  
-72.0273, 49.0243

■ 183.3880,  
-55.4073, 38.2477

■ 164.4830,  
-79.6111, 54.8274

■ 190.0050,  
-47.8235, 32.4446

■ 164.1410,  
-80.9215, 55.1273

■ 196.1490,  
-39.5135, 27.0563

■ 202.2930,  
-31.2034, 21.6680

■ 208.9100,  
-23.6196, 15.8649

■ 215.0540,  
-15.3096, 10.4766

■ 221.1980, -6.9996,  
5.0884

■ 227.9290, 1.0210,  
-0.8147

■ 233.9590, 8.8942,  
-6.1030

# Harmonies

## Analogous

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



174.8170, -45.7588, 70.3205



177.2440, -63.7173, 43.6360



171.7110, -55.5665, -4.1315

# Triad

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



177.2440, -63.7173, 43.6360



152.2940, 40.2811, -133.5618



189.2230, 32.4281, 52.4244

# Complementary

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



177.2440, -63.7173, 43.6360



97.7560, 63.7173, -43.6360

# 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.



179.3690, 37.2861, -12.6016



177.2440, -63.7173, 43.6360



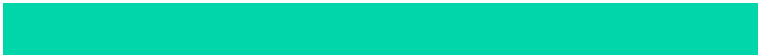
151.1660, 51.1902, -132.5726

# Square

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



177.2440, -63.7173, 43.6360



144.9980, 12.3260, -127.1632



143.5350, 54.9522, -125.8802



173.3660, 12.1446, 71.5930



# Rectangle

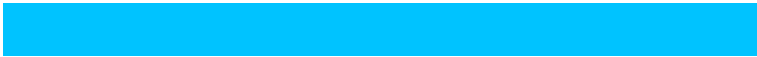
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



177.2440, -63.7173, 43.6360



165.4640, -37.6968, -42.5029



143.5350, 54.9522, -125.8802



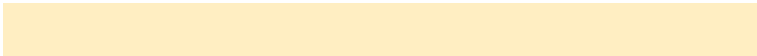
187.0420, 33.5033, 34.1662

# Sweetspot

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



177.2440, -63.7173, 43.6360



238.0670, -21.7250, 14.8502



107.3350, -4.1092, 104.9462



117.3250, -12.9782, 9.3620



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.



177.2440, -63.7173, 43.6360



187.4960, -86.0265, 59.2010



194.9330, -72.4380, -6.0802



111.8710, -4.3734, 2.7441



129.2440, -63.7173, 43.6360



36.9680, -18.2252, 12.3061



# Inverse Universe

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



97.7560, 63.7173, -43.6360



79.9170, 86.3159, -58.6862



80.0670, 72.4380, 6.0802



106.1290, 4.3734, -2.7441



49.7560, 63.7173, -43.6360



14.0320, 18.2252, -12.3061



# Previews

## White Background



This preview shows how the YUV color 177.2440, -63.7173, 43.6360 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 177.2440, -63.7173, 43.6360 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 177.2440, -63.7173, 43.6360

## Background



This preview shows how black text looks on a background with the YUV color 177.2440, -63.7173, 43.6360.



This preview shows how white text looks on a background with the YUV color 177.2440, -63.7173,



# 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

177.2440, -63.7173, 43.6360

### Protanopia

176.1880, -62.2107, 27.0221

### Deuteranopia

177.6790, -63.4387, 47.6395



## Tritanopia

187.4120, -4.6401, 41.7347

# Trichromacy



## Original Color

177.2440, -63.7173, 43.6360

## Protanomaly

176.4060, -62.8112, 32.9699

## Deuteranomaly

177.6680, -63.4333, 45.8952

## Tritanomaly

183.5050, -25.8850, 42.5301

# Monochromacy



## Original Color

177.2440, -63.7173, 43.6360

## Achromatopsia

177.0000, 0.0000, 0.0000

## Achromatomaly

177.0240, -23.1828, 15.7650

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 177.2440, -63.7173, 43.6360 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(227, 177, 48)` looks like.

```
.text, #text, p{  
    color:rgb(227, 177, 48)  
}
```

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(227, 177, 48) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(227, 177, 48) }
```

## Border

The CSS property to change the border of an element to YUV 177.2440, -63.7173, 43.6360 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(227, 177, 48) }
```



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

```
.border{ border-color:rgb(227, 177, 48) }
```

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

Here you see how a box with a 4 pixel rgb(227, 177, 48) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(227, 177, 48); -webkit-box-  
shadow:4px 4px 4px 4px rgb(227, 177, 48);  
box-shadow:4px 4px 4px 4px rgb(227, 177,  
48) }
```

# Background

The CSS property to change the background color of an element to YUV 177.2440, -63.7173, 43.6360 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(227, 177, 48) }
```

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

```
.background{ background-color: rgb(227,  
177, 48) }
```

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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