

# Converting Colors

YUV(181.2930, -64.7274,  
40.9620)

Have a look what the booklet for  
YUV(181.2930, -64.7274, 40.9620)  
contains.

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# Color

**YUV(181.2930, -64.7274,  
40.9620)**

# Conversions

## Conversions Part 1

Format	Color
Hex	E4B732
RGB	228, 183, 50
RGB Percent	89%, 72%, 20%
CMY	0.1059, 0.2824, 0.8039
CMYK	0.00, 0.20, 0.78, 0.11
HSL	45°, 77%, 55%
HSV	45°, 78%, 89%
XYZ	49.5041, 50.5912, 10.1736
YIQ	181.2930, 69.5130, -31.8230

# Conversions

## Conversions Part 2

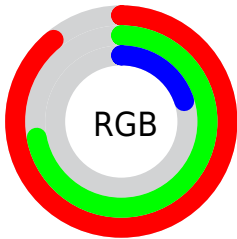
Format	Color
R <sub>Y</sub> B	110, 228, 50
Decimal	14989106
CIE Lab	76.43, 3.88, 68.61
CIE LCh	76, 68.719, 86.763
Yxy	50.5912, 0.4489, 0.4588
Android (android.graphics.Color)	4293179186 (0xFFE4B732)
YUV	181.2930, -64.7274, 40.9620
Hunter-Lab	71.1275, -0.2388, 41.3089

# Details

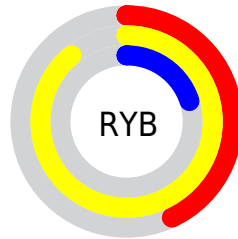
The YUV color **181.2930, -64.7274, 40.9620** is a light color, and the websafe version is hex **FFCC33**. The color can be described as light washed orange. A complement of this color would be **96.7070, 64.7274, -40.9620**, and the grayscale version is **182.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **228.7360, -60.0158, 23.0335**, and **126.5420, -62.3852, 36.3587** is the 20% darker color. If you saturate the color by 10%, you get **175.1490, -73.0375, 46.3503**, and if you desaturate by 10%, it is **187.4370, -56.4174, 35.5738**.

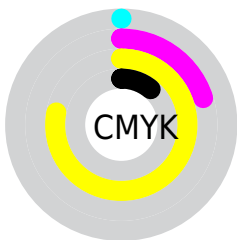
# Distribution



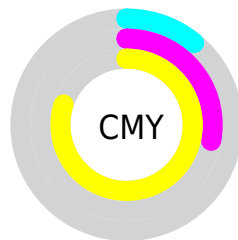
- Red (89%)
- Green (72%)
- Blue (20%)



- Red (43%)
- Yellow (89%)
- Blue (20%)



- Cyan (0%)
- Magenta (20%)
- Yellow (78%)
- Black (11%)



- Cyan (11%)
- Magenta (28%)
- Yellow (80%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 181.2930, -64.7274, 40.9620 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 181.2930, -64.7274, 40.9620 by changing the saturation by 10% instead.



■ 181.2930,  
-64.7274, 40.9620

■ 181.2930,  
-64.7274, 40.9620

■ 255.0000, 0.0000,  
0.0000

■ 152.1420,  
-69.0900, 40.2175

■ 228.7360,  
-60.0158, 23.0335

■ 126.5420,  
-62.3852, 36.3587

■ 241.2060,  
-52.8526, 12.0973

■ 103.7830,  
-51.1650, 30.8853

■ 244.3980,  
-40.6222, 9.2980

■ 81.0240, -39.9448,  
25.4120

■ 247.7040,  
-27.9551, 6.3986

■ 59.1510, -29.1614,  
20.0386

■ 251.0100,  
-15.2879, 3.4992

■ 39.0500, -19.2516,  
14.8652

■ 254.3160, -2.6208,

■ 19.8350, -9.7787,

0.5999

9.7917

■ 0.0000, 0.0000,  
0.0000

■ 181.2930,  
-64.7274, 40.9620

■ 181.2930,  
-64.7274, 40.9620

■ 175.1490,  
-73.0375, 46.3503

■ 187.4370,  
-56.4174, 35.5738

■ 169.0050,  
-81.3475, 51.7386

■ 193.5810,  
-48.1074, 30.1855

■ 167.9620,  
-82.8053, 52.6533

■ 199.0240,  
-39.9448, 25.4120

■ 205.1680,  
-31.6348, 20.0237

■ 211.3120,  
-23.3248, 14.6354

■ 217.4560,  
-15.0148, 9.2471

■ 223.0130, -6.4154,  
4.3736

■ 229.0430, 1.4578,  
-0.9147

■ 235.1870, 9.7678,  
-6.3030

# Harmonies

## Analogous

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



178.3390, -47.4951, 67.2317



181.2930, -64.7274, 40.9620



175.6180, -54.5347, -8.4350

# Triad

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



181.2930, -64.7274, 40.9620



156.3690, 43.2021, -137.1356



192.1910, 30.9648, 55.0835

# Complementary

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



181.2930, -64.7274, 40.9620



96.7070, 64.7274, -40.9620

# 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.



185.0170, 34.5016, -6.1539



181.2930, -64.7274, 40.9620



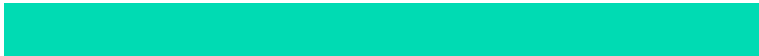
153.5140, 50.0326, -134.6318

# Square

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



181.2930, -64.7274, 40.9620



148.9590, 14.8102, -130.6370



145.2960, 54.0841, -127.4246



175.1270, 11.2764, 70.0486



# Rectangle

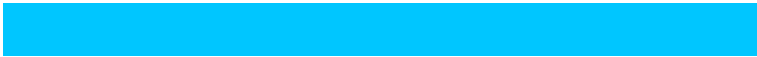
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



181.2930, -64.7274, 40.9620



168.4140, -35.2071, -47.7211



145.2960, 54.0841, -127.4246



191.5050, 31.3030, 39.8991

# Sweetspot

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



181.2930, -64.7274, 40.9620



239.4690, -21.4302, 13.6207



108.5800, -5.7089, 104.7313



118.0260, -12.8308, 8.7472



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.



181.2930, -64.7274, 40.9620



191.8330, -87.1787, 55.3975



195.1500, -71.5589, -8.0245



111.8710, -4.3734, 2.7441



131.5920, -64.8749, 41.5768



37.5550, -18.5146, 11.7913



# Inverse Universe

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



96.7070, 64.7274, -40.9620



78.1670, 87.1787, -55.3975



82.8500, 71.5589, 8.0246



106.1290, 4.3734, -2.7441



46.8210, 65.1642, -41.0620



13.4450, 18.5146, -11.7913



# Previews

## White Background



This preview shows how the YUV color 181.2930, -64.7274, 40.9620 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 181.2930, -64.7274, 40.9620 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 181.2930, -64.7274, 40.9620 Background



This preview shows how black text looks on a background with the YUV color 181.2930, -64.7274, 40.9620.



This preview shows how white text looks on a background with the YUV color 181.2930, -64.7274,



# 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

181.2930, -64.7274, 40.9620

### Protanopia

180.2590, -63.2317, 27.8369

### Deuteranopia

181.8640, -64.0230, 48.3543



## Tritanopia

192.2160, -4.0505, 39.2756

# Trichromacy



## Original Color

181.2930, -64.7274, 40.9620

## Protanomaly

180.7650, -63.9741, 32.6551

## Deuteranomaly

181.4400, -64.3069, 46.0951

## Tritanomaly

188.0810, -26.1689, 40.2710

# Monochromacy



## Original Color

181.2930, -64.7274, 40.9620

## Achromatopsia

181.0000, 0.0000, 0.0000

## Achromatomaly

181.1980, -23.7616, 14.7354

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 181.2930, -64.7274, 40.9620 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, 183, 50)` looks like.

```
.text, #text, p{  
    color:rgb(228, 183, 50)  
}
```

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, 183, 50) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(228, 183, 50) }
```

## Border

The CSS property to change the border of an element to YUV 181.2930, -64.7274, 40.9620 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, 183, 50) }
```



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

```
.border{ border-color:rgb(228, 183, 50) }
```

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

Here you see how a box with a 4 pixel `rgb(228, 183, 50)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(228, 183, 50); -webkit-box-  
shadow:4px 4px 4px 4px rgb(228, 183, 50);  
box-shadow:4px 4px 4px 4px rgb(228, 183,  
50) }
```

# Background

The CSS property to change the background color of an element to YUV 181.2930, -64.7274, 40.9620 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(228, 183, 50) }
```

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

```
.background{ background-color: rgb(228,  
183, 50) }
```

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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