

# Converting Colors

YUV(145.4990, -63.8430,  
37.2734)

Have a look what the booklet for  
YUV(145.4990, -63.8430, 37.2734)  
contains.

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# Color

**YUV(145.4990, -63.8430,  
37.2734)**

# Conversions

## Conversions Part 1

Format	Color
Hex	BC9510
RGB	188, 149, 16
RGB Percent	74%, 58%, 6%
CMY	0.2627, 0.4157, 0.9373
CMYK	0.00, 0.21, 0.91, 0.26
HSL	46°, 84%, 40%
HSV	46°, 91%, 74%
XYZ	31.5800, 32.2237, 5.0456
YIQ	145.4990, 65.9370, -33.0950

# Conversions

## Conversions Part 2

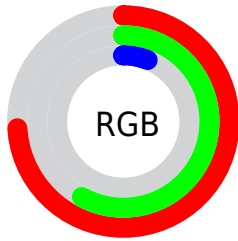
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">66, 188, 16</a>
Decimal	<a href="#">12358928</a>
CIELab	<a href="#">63.53, 3.52, 65.28</a>
CIElCh	<a href="#">64, 65.374, 86.916</a>
Yxy	<a href="#">32.2237, 0.4587, 0.4680</a>
Android (android.graphics.Color)	<a href="#">4290549008 (0xFFBC9510)</a>
YUV	<a href="#">145.4990, -63.8430, 37.2734</a>
Hunter-Lab	<a href="#">56.7659, -0.0372, 34.4662</a>

# Details

The YUV color **145.4990, -63.8430, 37.2734** is a dark color, and the websafe version is hex **CC9900**. A complement of this color would be **58.5010, 63.8430, -37.2734**, and the grayscale version is **146.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **202.3190, -60.7963, 40.0622**, and **96.9830, -47.8126, 28.9559** is the 20% darker color. If you saturate the color by 10%, you get **141.3270, -69.6742, 40.9322**, and if you desaturate by 10%, it is **150.0130, -56.7014, 33.3146**.

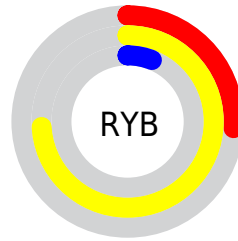
# Distribution



Red (74%)

Green (58%)

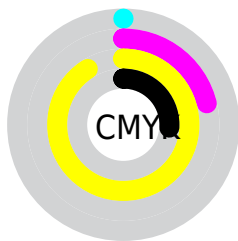
Blue (6%)



Red (26%)

Yellow (74%)

Blue (6%)

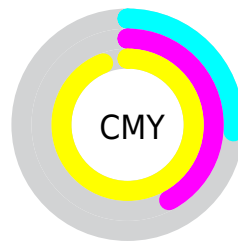


Cyan (0%)

Magenta (21%)

Yellow (91%)

Black (26%)



Cyan (26%)

Magenta (42%)

Yellow (94%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 145.4990, -63.8430, 37.2734 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 145.4990, -63.8430, 37.2734 by changing the saturation by 10% instead.



■ 145.4990,  
-63.8430, 37.2734

■ 145.4990,  
-63.8430, 37.2734

■ 255.0000, 0.0000,  
0.0000

■ 119.7420,  
-59.0328, 34.4293

■ 202.3190,  
-60.7963, 40.0622

■ 96.9830, -47.8126,  
28.9559

■ 223.9260,  
-58.1375, 27.2519

■ 74.5230, -36.7398,  
24.0973

■ 241.2060,  
-52.8526, 12.0973

■ 53.2370, -26.2458,  
18.2092

■ 244.3980,  
-40.6222, 9.2980

■ 33.1360, -16.3360,  
13.0357

■ 247.5900,  
-28.3919, 6.4986

■ 12.7470, -6.2843,  
8.9919

■ 250.8960,

■ 0.0000, 0.0000,

-15.7247, 3.5992

0.0000

254.2020, -3.0576,  
0.6998

145.4990,  
-63.8430, 37.2734

145.4990,  
-63.8430, 37.2734

141.3270,  
-69.6742, 40.9322

150.0130,  
-56.7014, 33.3146

155.1140,  
-49.8492, 28.8410

159.5140,  
-43.1444, 24.9822

164.0280,  
-36.0028, 21.0234

168.5420,  
-28.8612, 17.0647

■ 173.6430,  
-22.0090, 12.5911

■ 178.1570,  
-14.8674, 8.6323

■ 182.5570, -8.1626,  
4.7735

■ 187.0710, -1.0210,  
0.8147

# Harmonies

## Analogous

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



149.1870, -46.9272, 71.7500



145.4990, -63.8430, 37.2734



140.7150, -51.6245, -8.5201

# Triad

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



145.4990, -63.8430, 37.2734



129.6170, 37.1638, -113.6741



157.5390, 29.8073, 53.0243

# Complementary

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



145.4990, -63.8430, 37.2734



58.5010, 63.8430, -37.2734

# 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.



154.2950, 49.6476, -10.7827



145.4990, -63.8430, 37.2734



131.3390, 58.9929, -115.1843

# Square

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



145.4990, -63.8430, 37.2734



122.8910, 11.3927, -107.7754



124.1640, 64.5021, -108.8918



151.3530, 5.2490, 90.0214



# Rectangle

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



145.4990, -63.8430, 37.2734



133.9350, -32.0130, -45.5470



124.1640, 64.5021, -108.8918



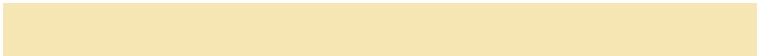
158.0790, 37.4291, 35.0107

# Sweetspot

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



145.4990, -63.8430, 37.2734



228.6710, -24.4878, 14.3205



71.9880, -7.8821, 101.7425



112.8580, -14.7200, 8.0175



250.0000, 0.0000, 0.0000



122.0000, 0.0000, 0.0000



# Same Dimension

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



145.4990, -63.8430, 37.2734



184.1980, -90.8096, 53.3234



154.6380, -68.3485, -11.0835



91.8000, -3.3524, 1.9294



118.8560, -58.5960, 34.3293



23.3570, -11.5150, 6.7029



# Inverse Universe

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



58.5010, 63.8430, -37.2734



60.8020, 90.8096, -53.3234



49.3620, 68.3485, 11.0835



87.2000, 3.3524, -1.9294



39.1440, 58.5960, -34.3293

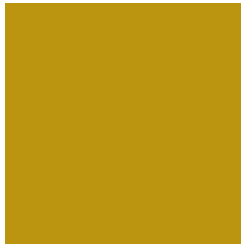


7.6430, 11.5150, -6.7029



# Previews

## White Background



This preview shows how the YUV color 145.4990, -63.8430, 37.2734 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 145.4990, -63.8430, 37.2734 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 145.4990, -63.8430, 37.2734

## Background



This preview shows how black text looks on a background with the YUV color 145.4990, -63.8430, 37.2734.



This preview shows how white text looks on a background with the YUV color 145.4990, -63.8430, 37.2734.

37.2734.

# 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

145.4990, -63.8430, 37.2734

### Protanopia

145.0630, -62.6421, 25.3777

### Deuteranopia

146.1730, -62.6963, 42.8213



## Tritanopia

157.1830, -4.0342, 34.0425

# Trichromacy



## Original Color

145.4990, -63.8430, 37.2734

## Protanomaly

145.2700, -63.2371, 29.5812

## Deuteranomaly

145.7490, -62.9803, 40.5621

## Tritanomaly

153.1620, -25.7159, 34.9379

# Monochromacy



## Original Color

145.4990, -63.8430, 37.2734

## Achromatopsia

145.0000, 0.0000, 0.0000

## Achromatomaly

145.0130, -23.1774, 14.0206

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 145.4990, -63.8430, 37.2734 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(188, 149, 16)` looks like.

```
.text, #text, p{  
    color:rgb(188, 149, 16)  
}
```

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(188, 149, 16) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(188, 149, 16) }
```

## Border

The CSS property to change the border of an element to YUV 145.4990, -63.8430, 37.2734 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(188, 149, 16) }
```



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

```
.border{ border-color:rgb(188, 149, 16) }
```

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

Here you see how a box with a 4 pixel `rgb(188, 149, 16)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(188, 149, 16); -webkit-box-  
shadow:4px 4px 4px 4px rgb(188, 149, 16);  
box-shadow:4px 4px 4px 4px rgb(188, 149,  
16) }
```

# Background

The CSS property to change the background color of an element to YUV 145.4990, -63.8430, 37.2734 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(188, 149, 16) }
```

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

```
.background{ background-color: rgb(188,  
149, 16) }
```

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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