

# Converting Colors

YUV(65.2320, -2.0864, -30.8985)

Have a look what the booklet for  
YUV(65.2320, -2.0864, -30.8985)  
contains.

<b>YUV(65.2320, -2.0864, -30.8985)</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(65.2320, -2.0864,  
-30.8985)**

# Conversions

## Conversions Part 1

Format	Color
Hex	1E543D
RGB	30, 84, 61
RGB Percent	12%, 33%, 24%
CMY	0.8824, 0.6706, 0.7608
CMYK	0.64, 0.00, 0.27, 0.67
HSL	154°, 47%, 22%
HSV	154°, 64%, 33%
XYZ	4.5480, 6.9536, 5.5173
YIQ	65.2320, -24.8010, -18.6010

# Conversions

## Conversions Part 2

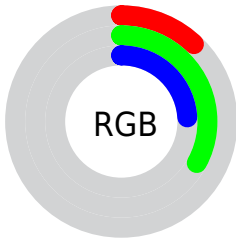
<b>Format</b>	<b>Color</b>
<b>R<sub>Y</sub>B</b>	30, 64, 84
Decimal	1987645
CIE Lab	31.70, -24.08, 8.23
CIE LCh	32, 25.453, 161.126
Yxy	6.9536, 0.2672, 0.4086
Android (android.graphics.Color)	4280177725 (0xFF1E543D)
YUV	65.2320, -2.0864, -30.8985
Hunter-Lab	26.3697, -15.3605, 6.0535

# Details

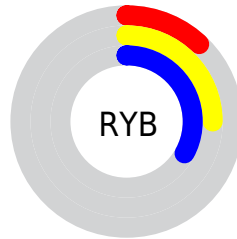
The YUV color  $[65.2320, -2.0864, -30.8985]$  is a dark color, and the websafe version is hex  $006666$ . A complement of this color would be  $[48.7680, 2.0864, 30.8985]$ , and the grayscale version is  $[65.0000, 0.0000, 0.0000]$ .

A 20% lighter version of the original color is  $[114.8900, -3.3968, -30.5985]$ , and  $[24.4720, -2.6977, -21.4619]$  is the 20% darker color. If you saturate the color by 10%, you get  $[62.3840, -2.6543, -35.4168]$ , and if you desaturate by 10%, it is  $[68.0800, -1.5184, -26.3802]$ .

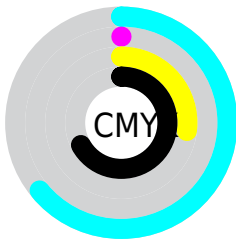
# Distribution



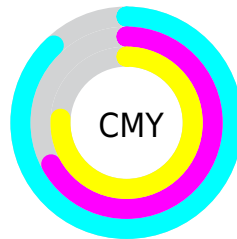
- Red (12%)
- Green (33%)
- Blue (24%)



- Red (12%)
- Yellow (25%)
- Blue (33%)



- Cyan (64%)
- Magenta (0%)
- Yellow (27%)
- Black (67%)



- Cyan (88%)
- Magenta (67%)
- Yellow (76%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 65.2320, -2.0864, -30.8985 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 65.2320, -2.0864, -30.8985 by changing the saturation by 10% instead.



■ 65.2320, -2.0864,  
-30.8985

■ 65.2320, -2.0864,  
-30.8985

255.0000, 0.0000,  
0.0000

■ 39.9650, -0.4757,  
-34.1723

■ 114.8900, -3.3968,  
-30.5985

■ 24.4720, -2.6977,  
-21.4619

■ 140.8900, -3.3968,  
-30.5985

■ 7.0440, -3.4727,  
-6.1776

■ 168.0640, -3.9756,  
-31.6281

■ 0.0000, 0.0000,  
0.0000

■ 195.0640, -3.9756,  
-31.6281

■ 223.3520, -4.1175,  
-32.7577

■ 241.3730, 0.8021,

-24.0061

251.4120, 1.7689,  
-7.3773

65.2320, -2.0864,  
-30.8985

65.2320, -2.0864,  
-30.8985

62.3840, -2.6543,  
-35.4168

68.0800, -1.5184,  
-26.3802

59.3510, -2.6380,  
-40.6498

71.1130, -1.5347,  
-21.1471

56.5030, -3.2060,  
-45.1681

73.9610, -0.9668,  
-16.6288

54.7800, -3.3425,  
-48.0421

76.9940, -0.9830,  
-11.3957

79.8420, -0.4151,  
-6.8774

■ 82.5760, -0.2840,  
-2.2592

■ 85.7230, 0.1366,  
2.8739

■ 88.5710, 0.7045,  
7.3922

■ 91.6040, 0.6882,  
12.6253

# Harmonies

## Analogous

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



69.9050, -12.7712, -10.4407



65.2320, -2.0864, -30.8985



59.2430, 11.2192, -51.9561

# Triad

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



65.2320, -2.0864, -30.8985



73.1780, 20.1252, -15.0651



74.5710, -12.6065, 30.1942

# Complementary

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



65.2320, -2.0864, -30.8985



48.7680, 2.0864, 30.8985

# 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.



75.5850, -3.7394, 32.8130



65.2320, -2.0864, -30.8985



77.0130, 13.7976, 7.8816

# Square

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



65.2320, -2.0864, -30.8985



60.6250, 25.3279, -50.5371



76.6470, 5.5970, 24.8656



73.7240, -18.1049, 20.4131



# Rectangle

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



65.2320, -2.0864, -30.8985



60.1380, 17.1870, -52.7410



76.6470, 5.5970, 24.8656



74.6790, -9.7017, 31.8535

# Sweetspot

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



65.2320, -2.0864, -30.8985



102.6950, -0.8356, -12.0105



68.5750, -19.0175, -13.6593



51.5430, -0.2677, -7.4922



184.0000, 0.0000, 0.0000



56.0000, 0.0000, 0.0000



# Same Dimension

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



65.2320, -2.0864, -30.8985



80.4810, -3.1951, -48.6568



65.5060, 9.1175, -31.1388



39.5760, -0.2840, -2.2592



68.4750, -4.1782, -60.0526



151.3460, -9.0446, -132.7304



# Inverse Universe

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



48.7680, 2.0864, 30.8985



54.5190, 3.1951, 48.6568



48.4940, -9.1175, 31.1388



38.3100, -0.1528, 2.3591



36.5250, 4.1782, 60.0526



80.6540, 9.0446, 132.7304



# Previews

## White Background



This preview shows how the YUV color 65.2320, -2.0864, -30.8985 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

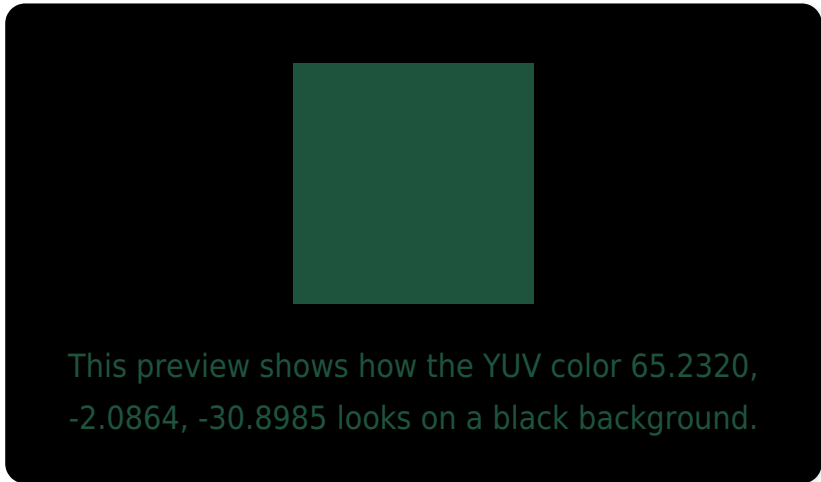
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass



# Black 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

If you want to check with other color combinations, try the [Color Contrast Checker](#).

# YUV 65.2320, -2.0864, -30.8985

## Background



This preview shows how black text looks on a background with the YUV color 65.2320, -2.0864, -30.8985.



This preview shows how white text looks on a background with the YUV color 65.2320, -2.0864,

-30.8985.

# 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

65.2320, -2.0864, -30.8985

### Protanopia

73.4430, -8.5994, 4.8735

### Deuteranopia

74.9750, -5.4107, 8.7919



## Tritanopia

69.4250, 8.6645, -25.8057

# Trichromacy



## Original Color

65.2320, -2.0864, -30.8985

## Protanomaly

70.6370, -6.2300, -8.4516

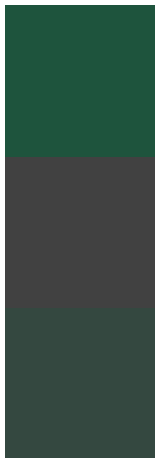
## Deuteranomaly

71.2290, -4.0569, -5.4628

## Tritanomaly

67.7900, 5.0335, -27.8798

# Monochromacy



## Original Color

65.2320, -2.0864, -30.8985

## Achromatopsia

65.0000, 0.0000, 0.0000

## Achromatomaly

65.1080, -0.5462, -11.4957

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 65.2320, -2.0864, -30.8985 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(30, 84, 61)` looks like.

```
.text, #text, p{  
    color:rgb(30, 84, 61)  
}
```

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(30, 84, 61) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(30, 84, 61) }
```

## Border

The CSS property to change the border of an element to YUV 65.2320, -2.0864, -30.8985 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(30, 84, 61) }
```



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

```
.border{ border-color:rgb(30, 84, 61) }
```

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

Here you see how a box with a 4 pixel `rgb(30, 84, 61)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(30, 84, 61); -webkit-box-  
shadow:4px 4px 4px 4px rgb(30, 84, 61);  
box-shadow:4px 4px 4px 4px rgb(30, 84, 61)  
}
```

# Background

The CSS property to change the background color of an element to YUV 65.2320, -2.0864, -30.8985 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(30, 84, 61) }
```

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

```
.background{ background-color: rgb(30, 84,  
61) }
```

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](#).

# Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor