

# Converting Colors

YUV(64.7880, -5.3185, -20.8621)

Have a look what the booklet for  
YUV(64.7880, -5.3185, -20.8621)  
contains.

<b>YUV(64.7880, -5.3185, -20.8621)</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(64.7880, -5.3185,  
-20.8621)**

# Conversions

## Conversions Part 1

Format	Color
Hex	294F36
RGB	41, 79, 54
RGB Percent	16%, 31%, 21%
CMY	0.8392, 0.6902, 0.7882
CMYK	0.48, 0.00, 0.32, 0.69
HSL	141°, 32%, 24%
HSV	141°, 48%, 31%
XYZ	4.3763, 6.3297, 4.4811
YIQ	64.7880, -14.6230, -15.8310

# Conversions

## Conversions Part 2

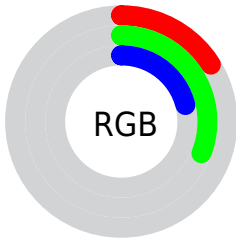
<b>Format</b>	<b>Color</b>
<b>RYB</b>	41, 69, 79
Decimal	2707254
CIELab	30.23, -20.06, 10.65
CIElCh	30, 22.711, 152.021
Yxy	6.3297, 0.2882, 0.4168
Android (android.graphics.Color)	4280897334 (0xFF294F36)
YUV	64.7880, -5.3185, -20.8621
Hunter-Lab	25.1589, -12.9789, 7.0509

# Details

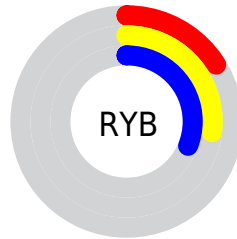
The YUV color **64.7880, -5.3185, -20.8621** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **55.2120, 5.3185, 20.8621**, and the grayscale version is **65.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **113.2610, -6.0447, -21.2769**, and **21.0980, -5.4713, -18.5029** is the 20% darker color. If you saturate the color by 10%, you get **61.8260, -6.3232, -25.2804**, and if you desaturate by 10%, it is **67.7500, -4.3137, -16.4438**.

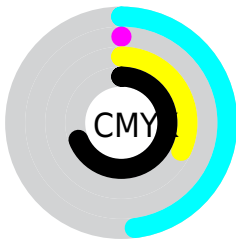
# Distribution



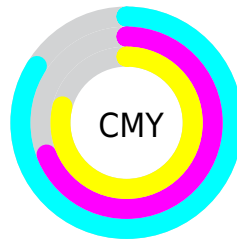
- Red (16%)
- Green (31%)
- Blue (21%)



- Red (16%)
- Yellow (27%)
- Blue (31%)



- Cyan (48%)
- Magenta (0%)
- Yellow (32%)
- Black (69%)



- Cyan (84%)
- Magenta (69%)
- Yellow (79%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 64.7880, -5.3185, -20.8621 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 64.7880, -5.3185, -20.8621 by changing the saturation by 10% instead.



■ 64.7880, -5.3185,  
-20.8621

■ 64.7880, -5.3185,  
-20.8621

255.0000, 0.0000,  
0.0000

■ 42.0160, -4.4449,  
-21.0620

■ 113.2610, -6.0447,  
-21.2769

■ 21.0980, -5.4713,  
-18.5029

■ 139.4350, -6.6235,  
-22.3065

■ 1.1740, -0.5788,  
-1.0296

■ 166.0220, -6.9128,  
-22.8213

■ 0.0000, 0.0000,  
0.0000

■ 193.0220, -6.9128,  
-22.8213

■ 221.1960, -7.4916,  
-23.8509

■ 242.7390, -4.3083,

-18.1881

253.8040, 0.5896,  
-2.4591

64.7880, -5.3185,  
-20.8621

64.7880, -5.3185,  
-20.8621

61.8260, -6.3232,  
-25.2804

67.7500, -4.3137,  
-16.4438

58.8640, -7.3280,  
-29.6987

70.7120, -3.3090,  
-12.0254

55.7880, -8.7695,  
-34.0171

73.7880, -1.8675,  
-7.7071

52.8260, -9.7742,  
-38.4354

76.7500, -0.8627,  
-3.2887

50.1630, -10.9264,  
-42.2390

79.7120, 0.1420,  
1.1296

■ 49.4510, -11.0683,  
-43.3685

■ 82.3750, 1.2941,  
4.9331

■ 85.3370, 2.2989,  
9.3515

■ 88.4130, 3.7404,  
13.6698

■ 91.3750, 4.7451,  
18.0881

# Harmonies

## Analogous

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



68.0090, -13.8084, -4.3929



64.7880, -5.3185, -20.8621



58.1580, 6.8241, -42.2346

# Triad

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



64.7880, -5.3185, -20.8621



68.6890, 18.3943, -19.8983



71.7710, -9.2541, 28.2648

# Complementary

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



64.7880, -5.3185, -20.8621



55.2120, 5.3185, 20.8621

# 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.



72.6490, -0.8130, 27.4948



64.7880, -5.3185, -20.8621



72.6810, 13.9613, 2.0338

# Square

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



64.7880, -5.3185, -20.8621



57.4250, 21.9755, -48.6077



73.3580, 7.2185, 18.1030



70.8320, -15.2002, 22.0723



# Rectangle

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



64.7880, -5.3185, -20.8621



56.5360, 13.5398, -49.5821



73.3580, 7.2185, 18.1030



72.1670, -6.4913, 28.7945

# Sweetspot

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



64.7880, -5.3185, -20.8621



96.7880, -1.8675, -7.7071



70.7810, -14.6820, -4.1929



47.6250, -1.2941, -4.9331



179.0000, 0.0000, 0.0000



51.0000, 0.0000, 0.0000



# Same Dimension

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



64.7880, -5.3185, -20.8621



79.9130, -8.3381, -32.3727



66.9540, 2.9807, -22.7617



36.5760, -0.2840, -2.2592



63.8640, -14.2300, -56.0087



144.0160, -32.0529, -126.3020



# Inverse Universe

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



55.2120, 5.3185, 20.8621



65.0870, 8.3381, 32.3727



53.0460, -2.9807, 22.7617



35.5380, 0.7208, 2.1592



38.1360, 14.2300, 56.0087

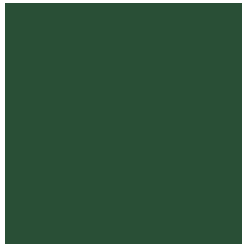


85.9840, 32.0529, 126.3020



# Previews

## White Background



This preview shows how the YUV color 64.7880, -5.3185, -20.8621 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

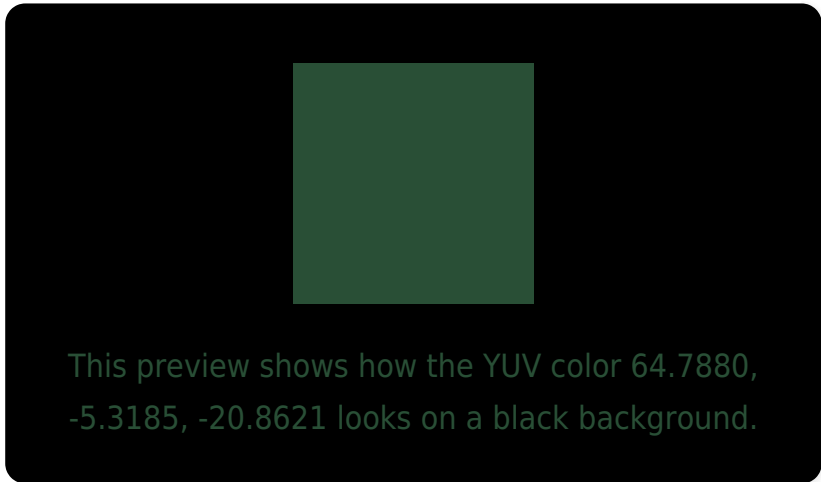
Any Text WCAG AA ✓ Pass

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

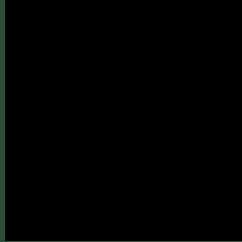
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

# YUV 64.7880, -5.3185, -20.8621

## Background



This preview shows how black text looks on a background with the YUV color 64.7880, -5.3185, -20.8621.



This preview shows how white text looks on a background with the YUV color 64.7880, -5.3185, -20.8621.

-20.8621.

# 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

64.7880, -5.3185, -20.8621

### Protanopia

70.1010, -9.9098, 5.1734

### Deuteranopia

71.1170, -7.4527, 10.4214



## Tritanopia

68.3120, 6.7482, -17.8136

# Trichromacy



## Original Color

64.7880, -5.3185, -20.8621

## Protanomaly

68.0890, -8.4249, -4.4631

## Deuteranomaly

68.8660, -6.8359, -0.7595

## Tritanomaly

66.8620, 2.5330, -19.1730

# Monochromacy



## Original Color

64.7880, -5.3185, -20.8621

## Achromatopsia

65.0000, 0.0000, 0.0000

## Achromatomaly

64.7880, -1.8675, -7.7071

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 64.7880, -5.3185, -20.8621 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(41, 79, 54)` looks like.

```
.text, #text, p{  
    color:rgb(41, 79, 54)  
}
```

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(41, 79, 54) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(41, 79, 54) }
```

## Border

The CSS property to change the border of an element to YUV 64.7880, -5.3185, -20.8621 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(41, 79, 54) }
```



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

```
.border{ border-color:rgb(41, 79, 54) }
```

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

Here you see how a box with a 4 pixel `rgb(41, 79, 54)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(41, 79, 54); -webkit-box-  
shadow:4px 4px 4px 4px rgb(41, 79, 54);  
box-shadow:4px 4px 4px 4px rgb(41, 79, 54)  
}
```

# Background

The CSS property to change the background color of an element to YUV 64.7880, -5.3185, -20.8621 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(41, 79, 54) }
```

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

```
.background{ background-color: rgb(41, 79,  
54) }
```

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