

# Converting Colors

YUV(82.7320, -20.5739,  
-27.8290)

Have a look what the booklet for  
YUV(82.7320, -20.5739, -27.8290)  
contains.

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# Color

**YUV(82.7320, -20.5739,  
-27.8290)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	336B29
RGB	51, 107, 41
RGB Percent	20%, 42%, 16%
CMY	0.8000, 0.5804, 0.8392
CMYK	0.52, 0.00, 0.62, 0.58
HSL	111°, 45%, 29%
HSV	111°, 62%, 42%
XYZ	7.0232, 11.3793, 3.9241
YIQ	82.7320, -12.1900, -32.3980

# Conversions

## Conversions Part 2

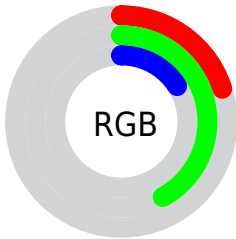
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	41, 107, 97
Decimal	3369769
CIE <sub>Lab</sub>	40.21, -32.48, 30.85
CIE <sub>LCh</sub>	40, 44.799, 136.469
Yxy	11.3793, 0.3146, 0.5097
Android (android.graphics.Color)	4281559849 (0xFF336B29)
YUV	82.7320, -20.5739, -27.8290
Hunter-Lab	33.7332, -21.8698, 16.7162

# Details

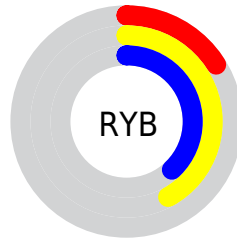
The YUV color **82.7320, -20.5739, -27.8290** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **65.2680, 20.5739, 27.8290**, and the grayscale version is **83.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **134.2760, -22.3211, -27.4291**, and **34.6330, -17.0741, -30.3731** is the 20% darker color. If you saturate the color by 10%, you get **78.7870, -24.0520, -32.2622**, and if you desaturate by 10%, it is **86.6770, -17.0958, -23.3957**.

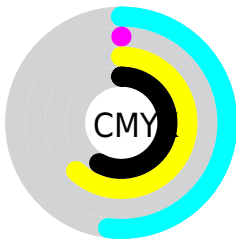
# Distribution



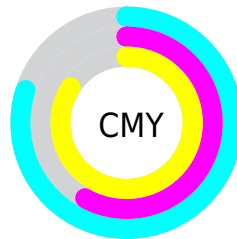
- Red (20%)
- Green (42%)
- Blue (16%)



- Red (16%)
- Yellow (42%)
- Blue (38%)



- Cyan (52%)
- Magenta (0%)
- Yellow (62%)
- Black (58%)



- Cyan (80%)
- Magenta (58%)
- Yellow (84%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 82.7320, -20.5739, -27.8290 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 82.7320, -20.5739, -27.8290 by changing the saturation by 10% instead.



■ 82.7320, -20.5739,  
-27.8290

■ 82.7320, -20.5739,  
-27.8290

255.0000, 0.0000,  
0.0000

■ 57.2480, -19.8423,  
-29.1585

■ 134.2760,  
-22.3211, -27.4291

■ 34.6330, -17.0741,  
-30.3731

■ 160.7490,  
-23.0473, -27.8439

■ 21.7190, -10.7075,  
-19.0476

■ 188.2220,  
-23.7734, -28.2587

■ 0.5870, -0.2894,  
-0.5148

■ 216.3960,  
-24.3522, -29.2883

■ 0.0000, 0.0000,  
0.0000

■ 235.1890,  
-20.3062, -20.3368

■ 247.0520,

-12.3506, -5.3076

254.5440, -1.7472,  
0.3999

■ 82.7320, -20.5739,  
-27.8290

■ 82.7320, -20.5739,  
-27.8290

■ 78.7870, -24.0520,  
-32.2622

■ 86.6770, -17.0958,  
-23.3957

■ 74.9560, -27.0933,  
-36.7954

■ 90.5080, -14.0544,  
-18.8625

■ 71.0110, -30.5714,  
-41.2286

■ 94.4530, -10.5763,  
-14.4293

■ 67.5930, -33.3233,  
-45.2471

■ 98.3980, -7.0982,  
-9.9960

■ 102.3430, -3.6201,  
-5.5628

■ 106.1740, -0.5788,  
-1.0296

■ 110.4180, 2.7519,  
4.0184

■ 114.3630, 6.2300,  
8.4516

■ 118.1940, 9.2714,  
12.9849

# Harmonies

## Analogous

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



87.8150, -36.3908, 5.4242



82.7320, -20.5739, -27.8290



73.8210, 1.0742, -64.7410

# Triad

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



82.7320, -20.5739, -27.8290



79.9720, 42.4118, -70.1354



92.0230, -7.8993, 60.4928

# Complementary

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



82.7320, -20.5739, -27.8290



65.2680, 20.5739, 27.8290

# 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.



95.0230, 8.8627, 50.8458



82.7320, -20.5739, -27.8290



91.3520, 36.3085, -25.7417

# Square

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



82.7320, -20.5739, -27.8290



81.3280, 32.3763, -71.3247



97.7340, 23.7951, 21.2813



92.3150, -24.3123, 51.4667



# Rectangle

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



82.7320, -20.5739, -27.8290



77.3720, 12.1416, -67.8552



97.7340, 23.7951, 21.2813



92.5050, -2.2210, 59.1931

# Sweetspot

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



82.7320, -20.5739, -27.8290



130.4580, -8.1138, -10.9257



93.0190, -25.6454, 12.2613



64.9900, -4.9251, -7.0072



199.0000, 0.0000, 0.0000



71.0000, 0.0000, 0.0000



# Same Dimension

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



82.7320, -20.5739, -27.8290



101.8320, -32.4552, -43.7027



82.2500, -9.4902, -36.1763



51.8210, -1.8838, -2.4740



74.0610, -36.5121, -49.1655



154.8780, -76.3549, -103.3790



# Inverse Universe

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



65.2680, 20.5739, 27.8290



74.4670, 32.3078, 44.3174



65.7500, 9.4902, 36.1763



50.1790, 1.8838, 2.4740



43.2380, 36.3647, 49.7803

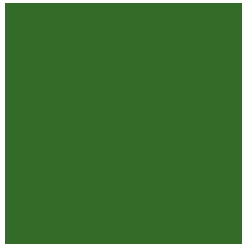


90.1220, 76.3549, 103.3790



# Previews

## White Background



This preview shows how the YUV color 82.7320, -20.5739, -27.8290 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

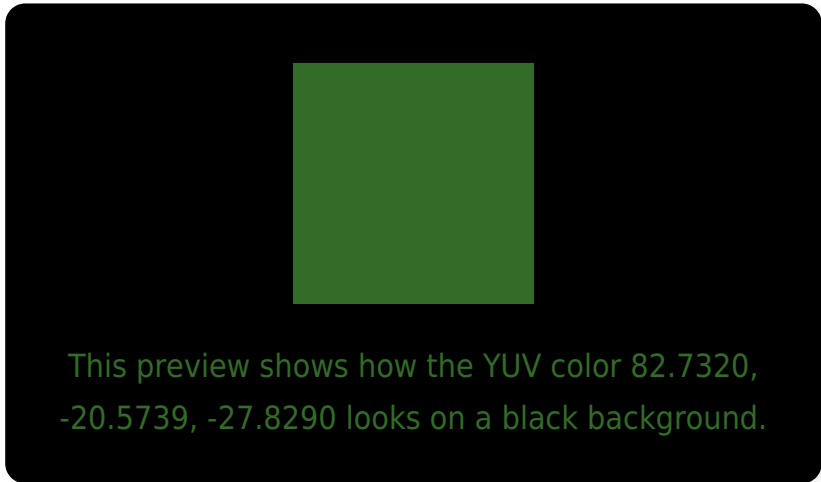
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail



# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

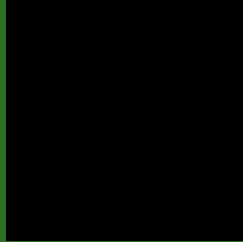
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

# YUV 82.7320, -20.5739, -27.8290

## Background



This preview shows how black text looks on a background with the YUV color 82.7320, -20.5739, -27.8290.



This preview shows how white text looks on a background with the YUV color 82.7320, -20.5739,



# 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

82.7320, -20.5739, -27.8290

### Protanopia

91.3780, -26.8084, 11.9465

### Deuteranopia

92.7580, -23.0517, 20.3832



## Tritanopia

90.4470, 8.6536, -22.3170

# Trichromacy



## Original Color

82.7320, -20.5739, -27.8290

## Protanomaly

87.8600, -24.5810, -2.5082

## Deuteranomaly

88.8760, -22.1239, 2.7397

## Tritanomaly

87.9770, -1.9607, -24.5358

# Monochromacy



## Original Color

82.7320, -20.5739, -27.8290

## Achromatopsia

83.0000, 0.0000, 0.0000

## Achromatomaly

82.9850, -7.3876, -10.5108

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 82.7320, -20.5739, -27.8290 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(51, 107, 41)` looks like.

```
.text, #text, p{  
    color:rgb(51, 107, 41)  
}
```

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(51, 107, 41) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(51, 107, 41) }
```

## Border

The CSS property to change the border of an element to YUV 82.7320, -20.5739, -27.8290 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(51, 107, 41) }
```



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

```
.border{ border-color:rgb(51, 107, 41) }
```

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

Here you see how a box with a 4 pixel rgb(51, 107, 41) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(51, 107, 41); -webkit-box-  
shadow:4px 4px 4px 4px rgb(51, 107, 41);  
box-shadow:4px 4px 4px 4px rgb(51, 107,  
41) }
```

# Background

The CSS property to change the background color of an element to YUV 82.7320, -20.5739, -27.8290 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(51, 107, 41) }
```

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

```
.background{ background-color: rgb(51, 107,  
41) }
```

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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