

Converting Colors

YUV(67.2280, -2.5774, -13.3550)

Have a look what the booklet for
YUV(67.2280, -2.5774, -13.3550)
contains.

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Color

**YUV(67.2280, -2.5774,
-13.3550)**

Conversions

Conversions Part 1

Format	Color
Hex	344C3E
RGB	52, 76, 62
RGB Percent	20%, 30%, 24%
CMY	0.7961, 0.7020, 0.7569
CMYK	0.32, 0.00, 0.18, 0.70
HSL	145°, 19%, 25%
HSV	145°, 32%, 30%
XYZ	4.8701, 6.2467, 5.5065
YIQ	67.2280, -9.8100, -9.4420

Conversions

Conversions Part 2

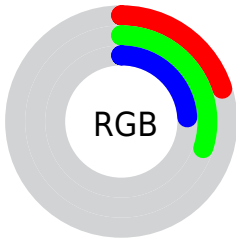
Format	Color
R_{YB}	52, 69, 76
Decimal	3427390
CIE Lab	30.03, -12.68, 5.40
CIE LCh	30, 13.780, 156.950
Yxy	6.2467, 0.2930, 0.3758
Android (android.graphics.Color)	4281617470 (0xFF344C3E)
YUV	67.2280, -2.5774, -13.3550
Hunter-Lab	24.9935, -8.9569, 4.4329

Details

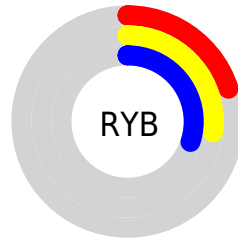
The YUV color **67.2280, -2.5774, -13.3550** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **60.7720, 2.5774, 13.3550**, and the grayscale version is **67.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **115.4020, -3.1562, -14.3846**, and **23.7550, -1.8512, -12.9401** is the 20% darker color. If you saturate the color by 10%, you get **64.3800, -3.1453, -17.8733**, and if you desaturate by 10%, it is **70.0760, -2.0095, -8.8367**.

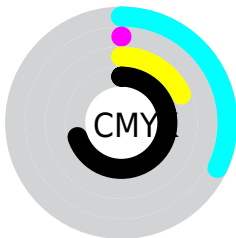
Distribution



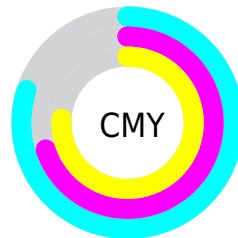
- Red (20%)
- Green (30%)
- Blue (24%)



- Red (20%)
- Yellow (27%)
- Blue (30%)



- Cyan (32%)
- Magenta (0%)
- Yellow (18%)
- Black (70%)



- Cyan (80%)
- Magenta (70%)
- Yellow (76%)

Brightness & Saturation Gradients

These gradients show how the YUV color 67.2280, -2.5774, -13.3550 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 67.2280, -2.5774, -13.3550 by changing the saturation by 10% instead.

67.2280, -2.5774,
-13.3550

67.2280, -2.5774,
-13.3550

255.0000, 0.0000,
0.0000

44.6410, -2.2880,
-12.8402

115.4020, -3.1562,
-14.3846

23.7550, -1.8512,
-12.9401

141.1030, -3.0088,
-14.9993

0.0000, 0.0000,
0.0000

167.6900, -3.2982,
-15.5141

194.6900, -3.2982,
-15.5141

222.6900, -3.2982,
-15.5141

247.1680, -1.5618,

-12.4253

■ 67.2280, -2.5774,
-13.3550

■ 67.2280, -2.5774,
-13.3550

■ 64.3800, -3.1453,
-17.8733

■ 70.0760, -2.0095,
-8.8367

■ 61.7170, -4.2975,
-21.6768

■ 72.7390, -0.8573,
-5.0331

■ 58.8690, -4.8654,
-26.1951

■ 75.5870, -0.2894,
-0.5148

■ 56.2060, -6.0176,
-29.9987

■ 78.2500, 0.8628,
3.2887

■ 53.3580, -6.5855,
-34.5170

■ 81.0980, 1.4307,
7.8071

■ 50.3960, -7.5902,
-38.9353

■ 84.0600, 2.4354,
12.2254

■ 48.2600, -8.0162,
-42.3240

■ 86.6090, 3.1508,
16.1289

■ 89.4570, 3.7187,
20.6472

■ 92.1200, 4.8708,
24.4508

Harmonies

Analogous

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



68.6160, -7.6987, -4.0482



67.2280, -2.5774, -13.3550



66.0790, 3.4121, -21.1173

Triad

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



67.2280, -2.5774, -13.3550



70.4040, 10.6468, -8.2473



71.6880, -6.7482, 17.8136

Complementary

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



67.2280, -2.5774, -13.3550



60.7720, 2.5774, 13.3550

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.



72.3550, -1.6540, 17.2287



67.2280, -2.5774, -13.3550



72.0850, 7.8461, 3.4335

Square

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



67.2280, -2.5774, -13.3550



67.7510, 10.9688, -18.1986



72.5870, 3.1616, 12.6402



70.8570, -9.7895, 13.2804

Rectangle

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



67.2280, -2.5774, -13.3550



65.3930, 7.2013, -23.1467



72.5870, 3.1616, 12.6402



72.1440, -5.0010, 17.4137

Sweetspot

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



67.2280, -2.5774, -13.3550



95.7390, -0.8573, -5.0331



70.2740, -9.0091, -3.7483



48.8640, -0.4260, -3.3887



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.



67.2280, -2.5774, -13.3550



85.4290, -4.1555, -20.5472



68.5960, 2.6642, -14.5547



36.5760, -0.2840, -2.2592



64.7760, -10.7356, -56.8086



145.9540, -24.6273, -128.0017

Inverse Universe

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



60.7720, 2.5774, 13.3550



75.5710, 4.1555, 20.5472



59.4040, -2.6642, 14.5547



35.5380, 0.7208, 2.1592



37.2240, 10.7356, 56.8086



84.0460, 24.6273, 128.0017

Previews

White Background



This preview shows how the YUV color 67.2280, -2.5774, -13.3550 looks on a white background.

Color Contrast Check

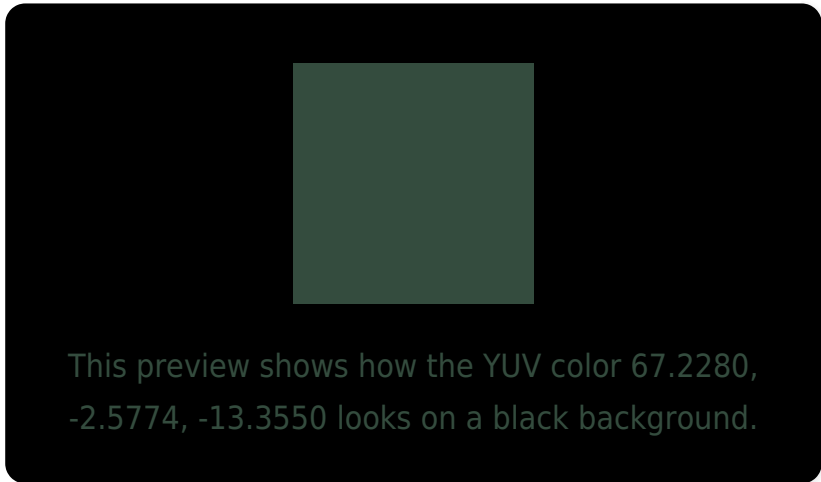
Large Text (above 18pt) WCAG AA ✓ Pass

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

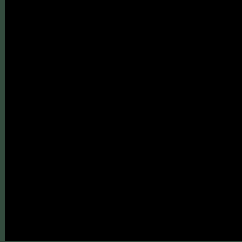
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 67.2280, -2.5774, -13.3550

Background



This preview shows how black text looks on a background with the YUV color 67.2280, -2.5774, -13.3550.



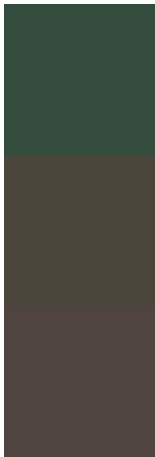
This preview shows how white text looks on a background with the YUV color 67.2280, -2.5774,

-13.3550.

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

67.2280, -2.5774, -13.3550

Protanopia

69.9420, -5.3944, 3.5589

Deuteranopia

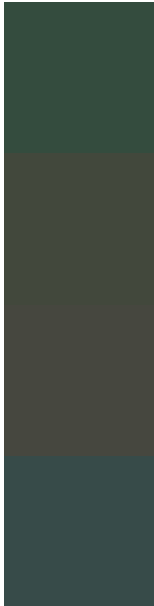
71.1320, -3.5161, 7.7772



Tritanopia

69.1880, 4.8373, -11.5659

Trichromacy



Original Color

67.2280, -2.5774, -13.3550

Protanomaly

68.8380, -4.3571, -2.4889

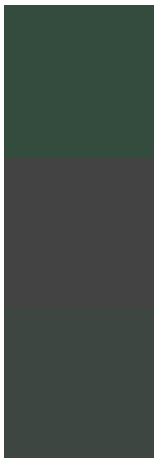
Deuteranomaly

69.7890, -3.3470, 0.1850

Tritanomaly

68.7920, 2.0745, -12.0956

Monochromacy



Original Color

67.2280, -2.5774, -13.3550

Achromatopsia

67.0000, 0.0000, 0.0000

Achromatomaly

67.0380, -1.0047, -4.4183

CSS Examples

Text

The CSS property to change the color of the text to YUV 67.2280, -2.5774, -13.3550 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(52, 76, 62)` looks like.

```
.text, #text, p{  
    color:rgb(52, 76, 62)  
}
```

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(52, 76, 62) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(52, 76, 62) }
```

Border

The CSS property to change the border of an element to YUV 67.2280, -2.5774, -13.3550 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(52, 76, 62) }
```


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

```
.border{ border-color:rgb(52, 76, 62) }
```

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

Here you see how a box with a 4 pixel rgb(52, 76, 62) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(52, 76, 62); -webkit-box-  
shadow:4px 4px 4px 4px rgb(52, 76, 62);  
box-shadow:4px 4px 4px 4px rgb(52, 76, 62)  
}
```

Background

The CSS property to change the background color of an element to YUV 67.2280, -2.5774, -13.3550 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(52, 76, 62) }
```

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

```
.background{ background-color: rgb(52, 76,  
62) }
```

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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