

Converting Colors

YUV(70.3300, -17.4177,
-13.4444)

Have a look what the booklet for
YUV(70.3300, -17.4177, -13.4444)
contains.

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Color

**YUV(70.3300, -17.4177,
-13.4444)**

Conversions

Conversions Part 1

Format	Color
Hex	375523
RGB	55, 85, 35
RGB Percent	22%, 33%, 14%
CMY	0.7843, 0.6667, 0.8627
CMYK	0.35, 0.00, 0.59, 0.67
HSL	96°, 42%, 24%
HSV	96°, 59%, 33%
XYZ	5.1274, 7.4306, 2.7541
YIQ	70.3300, -1.8300, -21.9100

Conversions

Conversions Part 2

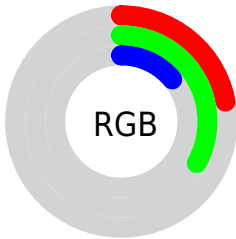
Format	Color
R_{YB}	35, 85, 65
Decimal	3626275
CIE _{Lab}	32.77, -21.28, 25.37
CIE _{LCh}	33, 33.116, 129.986
Yxy	7.4306, 0.3349, 0.4853
Android (android.graphics.Color)	4281816355 (0xFF375523)
YUV	70.3300, -17.4177, -13.4444
Hunter-Lab	27.2591, -14.1276, 13.0910

Details

The YUV color **70.3300, -17.4177, -13.4444** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **49.6700, 17.4177, 13.4444**, and the grayscale version is **71.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **119.5750, -19.0175, -13.6593**, and **26.1820, -12.9077, -13.3146** is the 20% darker color. If you saturate the color by 10%, you get **67.9230, -20.1750, -15.7185**, and if you desaturate by 10%, it is **72.8510, -14.2235, -11.2703**.

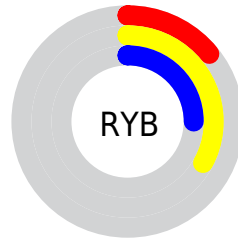
Distribution



Red (22%)

Green (33%)

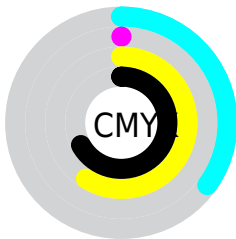
Blue (14%)



Red (14%)

Yellow (33%)

Blue (25%)

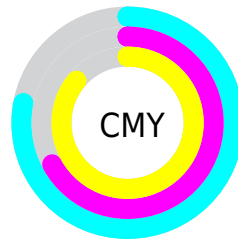


Cyan (35%)

Magenta (0%)

Yellow (59%)

Black (67%)



Cyan (78%)

Magenta (67%)

Yellow (86%)

Brightness & Saturation Gradients

These gradients show how the YUV color 70.3300, -17.4177, -13.4444 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 70.3300, -17.4177, -13.4444 by changing the saturation by 10% instead.

■ 70.3300, -17.4177,
-13.4444

■ 70.3300, -17.4177,
-13.4444

255.0000, 0.0000,
0.0000

■ 47.4440, -16.9809,
-13.5444

■ 119.5750,
-19.0175, -13.6593

■ 26.1820, -12.9077,
-13.3146

■ 145.4610,
-19.4543, -13.5593

■ 9.9790, -4.9196,
-8.7516

■ 171.9340,
-20.1805, -13.9741

■ 0.0000, 0.0000,
0.0000

■ 199.5210,
-20.4699, -14.4889

■ 227.9940,
-21.1960, -14.9037

■ 245.6130,

-16.5712, -4.9226

253.4040, -6.1152,
1.3997

70.3300, -17.4177,
-13.4444

70.3300, -17.4177,
-13.4444

67.9230, -20.1750,
-15.7185

72.8510, -14.2235,
-11.2703

65.4020, -23.3692,
-17.8926

75.2580, -11.4662,
-8.9963

62.9950, -26.1265,
-20.1666

77.7790, -8.2720,
-6.8222

60.4740, -29.3207,
-22.3407

80.1860, -5.5147,
-4.5481

60.0610, -29.6101,
-22.8555

82.7070, -2.3206,
-2.3740

■ 85.4130, 0.2894,
0.5148

■ 87.8200, 3.0467,
2.7889

■ 90.3410, 6.2409,
4.9629

■ 92.8620, 9.4350,
7.1370

Harmonies

Analogous

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



73.1110, -25.1977, 8.6727



70.3300, -17.4177, -13.4444



60.0510, -1.0111, -49.1567

Triad

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



70.3300, -17.4177, -13.4444



64.2590, 30.4383, -56.3551



76.9390, -3.9139, 42.1495

Complementary

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



70.3300, -17.4177, -13.4444



49.6700, 17.4177, 13.4444

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.



79.0870, 8.3381, 32.3727



70.3300, -17.4177, -13.4444



73.3600, 27.4305, -24.8717

Square

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



70.3300, -17.4177, -13.4444



64.7830, 22.2920, -56.8147



79.5770, 18.4495, 9.1410



76.5290, -15.5438, 39.0011

Rectangle

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



70.3300, -17.4177, -13.4444



61.4940, 7.1515, -53.9302



79.5770, 18.4495, 9.1410



77.6660, 0.1647, 40.6349

Sweetspot

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



70.3300, -17.4177, -13.4444



104.1320, -6.9671, -5.3778



67.5600, -16.0521, 15.2949



52.5390, -4.2097, -3.1037



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.



70.3300, -17.4177, -13.4444



87.0550, -27.1421, -21.0962



64.8060, -12.7224, -26.1399



41.9460, -1.4524, -0.8296



75.6660, -37.3033, -28.6481



166.0510, -81.8631, -63.1887

Inverse Universe

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



49.6700, 17.4177, 13.4444



54.9450, 27.1421, 21.0962



55.0800, 12.2856, 26.2398



40.3530, 1.3050, 1.4444



31.3340, 37.3033, 28.6481



68.9490, 81.8631, 63.1887

Previews

White Background



This preview shows how the YUV color 70.3300, -17.4177, -13.4444 looks on a white background.

Color Contrast Check

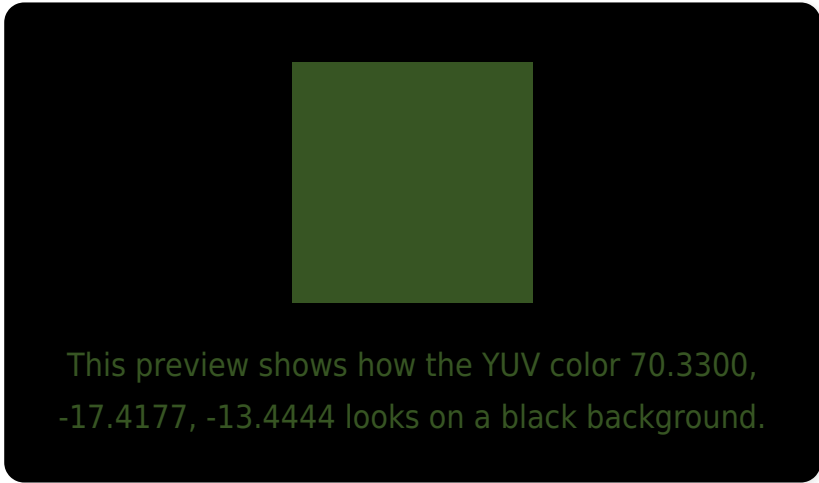
Large Text (above 18pt) WCAG AA ✓ Pass

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 70.3300, -17.4177, -13.4444

Background



This preview shows how black text looks on a background with the YUV color 70.3300, -17.4177, -13.4444.



This preview shows how white text looks on a background with the YUV color 70.3300, -17.4177, -13.4444.

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

70.3300, -17.4177, -13.4444

Protanopia

74.6750, -20.5458, 9.9320

Deuteranopia

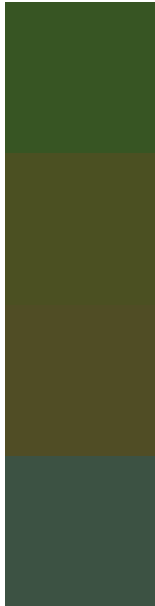
75.5880, -18.5309, 17.0243



Tritanopia

75.6010, 5.1267, -11.0511

Trichromacy



Original Color

70.3300, -17.4177, -13.4444

Protanomaly

73.2610, -19.3557, 1.5251

Deuteranomaly

73.3370, -17.9141, 5.8435

Tritanomaly

73.7120, -3.3090, -12.0254

Monochromacy



Original Color

70.3300, -17.4177, -13.4444

Achromatopsia

70.0000, 0.0000, 0.0000

Achromatomaly

69.9580, -6.3883, -4.3482

CSS Examples

Text

The CSS property to change the color of the text to YUV 70.3300, -17.4177, -13.4444 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(55, 85, 35)` looks like.

```
.text, #text, p{  
    color:rgb(55, 85, 35)  
}
```

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(55, 85, 35) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(55, 85, 35) }
```

Border

The CSS property to change the border of an element to YUV 70.3300, -17.4177, -13.4444 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(55, 85, 35) }
```


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

```
.border{ border-color:rgb(55, 85, 35) }
```

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

Here you see how a box with a 4 pixel rgb(55, 85, 35) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(55, 85, 35); -webkit-box-  
shadow:4px 4px 4px 4px rgb(55, 85, 35);  
box-shadow:4px 4px 4px 4px rgb(55, 85, 35)  
}
```

Background

The CSS property to change the background color of an element to YUV 70.3300, -17.4177, -13.4444 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(55, 85, 35) }
```

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

```
.background{ background-color: rgb(55, 85,  
35) }
```

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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