

Converting Colors

YUV(82.3300, -17.4177,
-13.4444)

Have a look what the booklet for
YUV(82.3300, -17.4177, -13.4444)
contains.

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Color

**YUV(82.3300, -17.4177,
-13.4444)**

Conversions

Conversions Part 1

Format	Color
Hex	43612F
RGB	67, 97, 47
RGB Percent	26%, 38%, 18%
CMY	0.7373, 0.6196, 0.8157
CMYK	0.31, 0.00, 0.52, 0.62
HSL	96°, 35%, 28%
HSV	96°, 52%, 38%
XYZ	7.1025, 9.9479, 4.2351
YIQ	82.3300, -1.8300, -21.9100

Conversions

Conversions Part 2

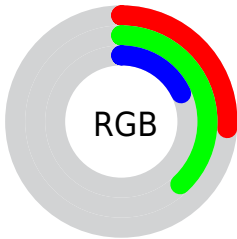
Format	Color
R_{YB}	47, 97, 77
Decimal	4415791
CIE _{Lab}	37.75, -21.07, 24.91
CIE _{LCh}	38, 32.626, 130.236
Yxy	9.9479, 0.3337, 0.4674
Android (android.graphics.Color)	4282605871 (0xFF43612F)
YUV	82.3300, -17.4177, -13.4444
Hunter-Lab	31.5403, -14.9994, 14.1170

Details

The YUV color **82.3300, -17.4177, -13.4444** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **61.6700, 17.4177, 13.4444**, and the grayscale version is **83.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **132.5750, -19.0175, -13.6593**, and **35.6290, -17.5651, -12.8296** is the 20% darker color. If you saturate the color by 10%, you get **79.3960, -20.9012, -16.1333**, and if you desaturate by 10%, it is **85.2640, -13.9342, -10.7555**.

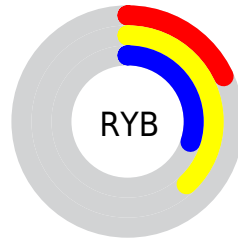
Distribution



Red (26%)

Green (38%)

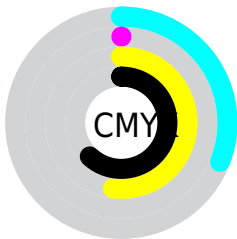
Blue (18%)



Red (18%)

Yellow (38%)

Blue (30%)

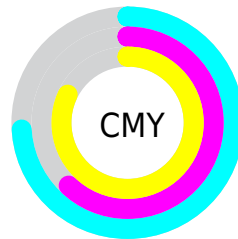


Cyan (31%)

Magenta (0%)

Yellow (52%)

Black (62%)



Cyan (74%)

Magenta (62%)

Yellow (82%)

Brightness & Saturation Gradients

These gradients show how the YUV color 82.3300, -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 82.3300, -17.4177, -13.4444 by changing the saturation by 10% instead.

82.3300, -17.4177,
-13.4444

82.3300, -17.4177,
-13.4444

255.0000, 0.0000,
0.0000

58.5580, -16.5441,
-13.6444

132.5750,
-19.0175, -13.6593

35.6290, -17.5651,
-12.8296

159.0480,
-19.7437, -14.0741

17.6100, -8.6817,
-15.4440

185.9340,
-20.1805, -13.9741

0.0000, 0.0000,
0.0000

213.5210,
-20.4699, -14.4889

239.6460,
-20.0385, -12.8445

251.6230,

-11.6461, 2.0846

■ 82.3300, -17.4177,
-13.4444

■ 82.3300, -17.4177,
-13.4444

■ 79.3960, -20.9012,
-16.1333

■ 85.2640, -13.9342,
-10.7555

■ 76.5760, -23.9480,
-18.9222

■ 88.0840, -10.8874,
-7.9667

■ 73.9410, -27.5789,
-20.9963

■ 90.7190, -7.2565,
-5.8926

■ 71.0070, -31.0625,
-23.6851

■ 93.6530, -3.7729,
-3.2037

■ 68.6000, -33.8198,
-25.9592

■ 96.5870, -0.2894,
-0.5148

■ 99.4070, 2.7573,
2.2741

■ 102.3410, 6.2409,
4.9629

■ 105.2750, 9.7244,
7.6518

■ 107.7960, 12.9186,
9.8259

Harmonies

Analogous

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



85.5240, -24.9083, 9.1875



82.3300, -17.4177, -13.4444



75.0410, -2.4852, -43.0090

Triad

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



82.3300, -17.4177, -13.4444



72.0840, 32.4966, -63.2177



89.2380, -4.0613, 42.7643

Complementary

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



82.3300, -17.4177, -13.4444



61.6700, 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.



90.9730, 7.9013, 32.4727



82.3300, -17.4177, -13.4444



86.2570, 26.9883, -23.0274

Square

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



82.3300, -17.4177, -13.4444



73.1950, 24.0609, -64.1920



91.2890, 18.5915, 10.2705



88.7140, -16.1280, 39.7158

Rectangle

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



82.3300, -17.4177, -13.4444



69.9060, 8.9203, -61.3076



91.2890, 18.5915, 10.2705



89.9650, 0.0173, 41.2497

Sweetspot

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



82.3300, -17.4177, -13.4444



119.5450, -6.6777, -4.8630



79.5600, -16.0521, 15.2949



60.5390, -4.2097, -3.1037



191.0000, 0.0000, 0.0000



64.0000, 0.0000, 0.0000

Same Dimension

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



82.3300, -17.4177, -13.4444



102.0550, -27.1421, -21.0962



76.8060, -12.7224, -26.1399



46.9460, -1.4524, -0.8296



79.1990, -39.0451, -29.9925



169.5840, -83.6049, -64.5332

Inverse Universe

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



61.6700, 17.4177, 13.4444



69.9450, 27.1421, 21.0962



67.0800, 12.2856, 26.2398



45.3530, 1.3050, 1.4444



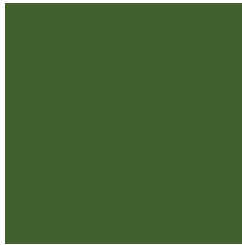
32.8010, 39.0451, 29.9925



70.4160, 83.6049, 64.5332

Previews

White Background



This preview shows how the YUV color 82.3300, -17.4177, -13.4444 looks on a white background.

Color Contrast Check

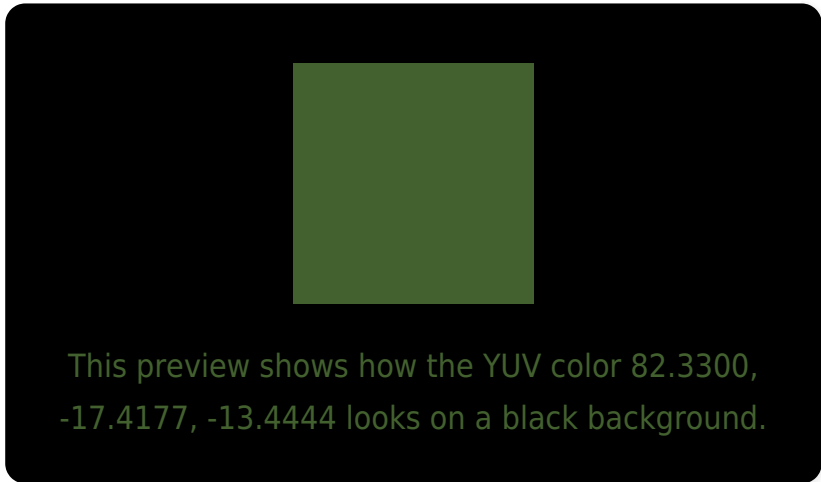
Large Text (above 18pt) WCAG AA ✓ Pass

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

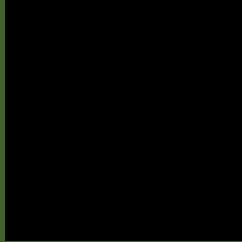
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 82.3300, -17.4177, -13.4444

Background



This preview shows how black text looks on a background with the YUV color 82.3300, -17.4177, -13.4444.



This preview shows how white text looks on a background with the YUV color 82.3300, -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

82.3300, -17.4177, -13.4444

Protanopia

86.5610, -20.9826, 10.0320

Deuteranopia

87.3000, -18.3889, 18.1539



Tritanopia

87.1280, 5.8529, -10.6363

Trichromacy



Original Color

82.3300, -17.4177, -13.4444

Protanomaly

85.1470, -19.7925, 1.6251

Deuteranomaly

85.6360, -18.0615, 6.4582

Tritanomaly

85.2390, -2.5828, -11.6106

Monochromacy



Original Color

82.3300, -17.4177, -13.4444

Achromatopsia

82.0000, 0.0000, 0.0000

Achromatomaly

81.9580, -6.3883, -4.3482

CSS Examples

Text

The CSS property to change the color of the text to YUV 82.3300, -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(67, 97, 47)` looks like.

```
.text, #text, p{  
    color:rgb(67, 97, 47)  
}
```

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(67, 97, 47) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(67, 97, 47) }
```

Border

The CSS property to change the border of an element to YUV 82.3300, -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(67, 97, 47) }
```


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

```
.border{ border-color:rgb(67, 97, 47) }
```

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

Here you see how a box with a 4 pixel rgb(67, 97, 47) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(67, 97, 47); -webkit-box-  
shadow:4px 4px 4px 4px rgb(67, 97, 47);  
box-shadow:4px 4px 4px 4px rgb(67, 97, 47)  
}
```

Background

The CSS property to change the background color of an element to YUV 82.3300, -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(67, 97, 47) }
```

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

```
.background{ background-color: rgb(67, 97,  
47) }
```

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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