

Converting Colors

YUV(70.2160, -17.8545,
-13.3444)

Have a look what the booklet for
YUV(70.2160, -17.8545, -13.3444)
contains.

YUV(70.2160, -17.8545, -13.3444)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YUV(70.2160, -17.8545,
-13.3444)**

Conversions

Conversions Part 1

Format	Color
Hex	375522
RGB	55, 85, 34
RGB Percent	22%, 33%, 13%
CMY	0.7843, 0.6667, 0.8667
CMYK	0.35, 0.00, 0.60, 0.67
HSL	95°, 43%, 23%
HSV	95°, 60%, 33%
XYZ	5.1128, 7.4247, 2.6770
YIQ	70.2160, -1.5090, -22.2210

Conversions

Conversions Part 2

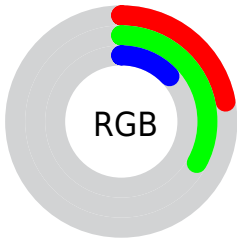
Format	Color
R_{YB}	34, 85, 64
Decimal	3626274
CIE _{Lab}	32.75, -21.40, 25.90
CIE _{LCh}	33, 33.604, 129.567
Y _{xy}	7.4247, 0.3360, 0.4880
Android (android.graphics.Color)	4281816354 (0xFF375522)
YUV	70.2160, -17.8545, -13.3444
Hunter-Lab	27.2483, -14.1915, 13.2489

Details

The YUV color **70.2160, -17.8545, -13.3444** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **48.7840, 17.8545, 13.3444**, and the grayscale version is **70.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **119.4610, -19.4543, -13.5593**, and **25.8830, -12.7603, -13.9294** is the 20% darker color. If you saturate the color by 10%, you get **67.6950, -21.0486, -15.5185**, and if you desaturate by 10%, it is **72.6230, -15.0971, -11.0704**.

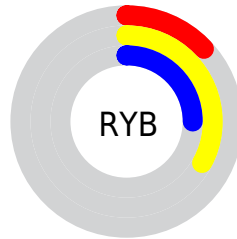
Distribution



Red (22%)

Green (33%)

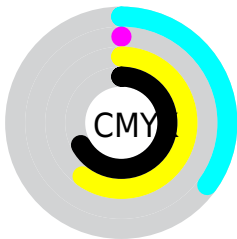
Blue (13%)



Red (13%)

Yellow (33%)

Blue (25%)

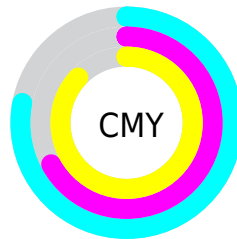


Cyan (35%)

Magenta (0%)

Yellow (60%)

Black (67%)



Cyan (78%)

Magenta (67%)

Yellow (87%)

Brightness & Saturation Gradients

These gradients show how the YUV color 70.2160, -17.8545, -13.3444 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 70.2160, -17.8545, -13.3444 by changing the saturation by 10% instead.

■ 70.2160, -17.8545,
-13.3444

■ 70.2160, -17.8545,
-13.3444

255.0000, 0.0000,
0.0000

■ 47.3300, -17.4177,
-13.4444

■ 119.4610,
-19.4543, -13.5593

■ 25.8830, -12.7603,
-13.9294

■ 145.3470,
-19.8911, -13.4593

■ 9.9790, -4.9196,
-8.7516

■ 171.8200,
-20.6173, -13.8741

■ 0.0000, 0.0000,
0.0000

■ 199.4070,
-20.9067, -14.3889

■ 227.8800,
-21.6328, -14.8038

■ 245.4990,

-17.0080, -4.8226

■ 253.2900, -6.5520,
1.4997

■ 70.2160, -17.8545,
-13.3444

■ 70.2160, -17.8545,
-13.3444

■ 67.6950, -21.0486,
-15.5185

■ 72.6230, -15.0971,
-11.0704

■ 65.2880, -23.8060,
-17.7926

■ 75.1440, -11.9030,
-8.8963

■ 62.7670, -27.0001,
-19.9667

■ 77.5510, -9.1456,
-6.6222

■ 60.3600, -29.7575,
-22.2407

■ 80.0720, -5.9515,
-4.4481

■ 82.4790, -3.1941,
-2.1741

■ 85.0000, 0.0000,
0.0000

■ 87.5210, 3.1941,
2.1741

■ 89.9280, 5.9515,
4.4481

■ 92.3350, 8.7088,
6.7222

Harmonies

Analogous

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



73.2960, -25.7819, 9.3874



70.2160, -17.8545, -13.3444



59.4530, -0.7163, -50.3863

Triad

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



70.2160, -17.8545, -13.3444



64.2590, 30.4383, -56.3551



76.7650, -3.3351, 43.1791

Complementary

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



70.2160, -17.8545, -13.3444



48.7840, 17.8545, 13.3444

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



70.2160, -17.8545, -13.3444



72.7620, 27.7253, -26.1013

Square

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



70.2160, -17.8545, -13.3444



64.7830, 22.2920, -56.8147



79.6910, 18.8863, 9.0410



76.2410, -15.4018, 40.1306

Rectangle

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



70.2160, -17.8545, -13.3444



61.4940, 7.1515, -53.9302



79.6910, 18.8863, 9.0410



77.1930, 0.8909, 41.0497

Sweetspot

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



70.2160, -17.8545, -13.3444



104.1320, -6.9671, -5.3778



66.8590, -16.1995, 15.9097



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.



70.2160, -17.8545, -13.3444



86.9410, -27.5789, -20.9963



64.3930, -13.0117, -26.6547



41.9460, -1.4524, -0.8296



75.9650, -37.4507, -28.0333



166.9480, -82.3054, -61.3444

Inverse Universe

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



48.7840, 17.8545, 13.3444



53.7600, 27.7263, 20.3815



54.6070, 13.0117, 26.6547



40.3530, 1.3050, 1.4444



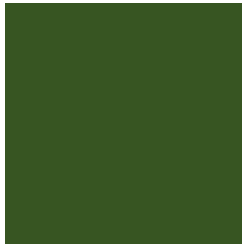
31.0350, 37.4507, 28.0333



68.0520, 82.3054, 61.3444

Previews

White Background



This preview shows how the YUV color 70.2160, -17.8545, -13.3444 looks on a white background.

Color Contrast Check

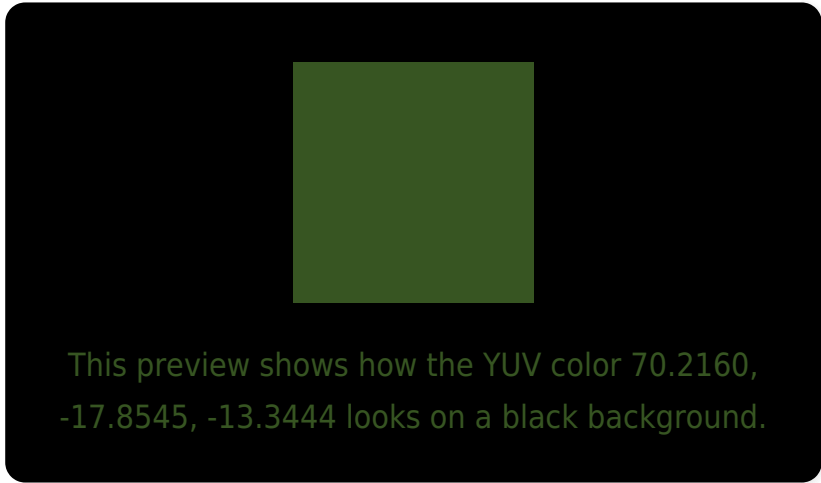
Large Text (above 18pt) WCAG AA ✓ Pass

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 70.2160, -17.8545, -13.3444

Background



This preview shows how black text looks on a background with the YUV color 70.2160, -17.8545, -13.3444.



This preview shows how white text looks on a background with the YUV color 70.2160, -17.8545, -13.3444.

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

70.2160, -17.8545, -13.3444

Protanopia

74.5610, -20.9826, 10.0320

Deuteranopia

75.4740, -18.9677, 17.1243



Tritanopia

75.6010, 5.1267, -11.0511

Trichromacy



Original Color

70.2160, -17.8545, -13.3444

Protanomaly

73.1470, -19.7925, 1.6251

Deuteranomaly

73.2230, -18.3509, 5.9434

Tritanomaly

73.7120, -3.3090, -12.0254

Monochromacy



Original Color

70.2160, -17.8545, -13.3444

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 70.2160, -17.8545, -13.3444 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, 34)` looks like.

```
.text, #text, p{  
    color:rgb(55, 85, 34)  
}
```

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, 34) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(55, 85, 34) }
```

Border

The CSS property to change the border of an element to YUV 70.2160, -17.8545, -13.3444 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, 34) }
```


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

```
.border{ border-color:rgb(55, 85, 34) }
```

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, 34)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(55, 85, 34); -webkit-box-  
shadow:4px 4px 4px 4px rgb(55, 85, 34);  
box-shadow:4px 4px 4px 4px rgb(55, 85, 34)  
}
```

Background

The CSS property to change the background color of an element to YUV 70.2160, -17.8545, -13.3444 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, 34) }
```

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

```
.background{ background-color: rgb(55, 85,  
34) }
```

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