

Converting Colors

YUV(37.5560, -13.5851,
-29.4286)

Have a look what the booklet for
YUV(37.5560, -13.5851, -29.4286)
contains.

YUV(37.5560, -13.5851, -29.4286)	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(37.5560, -13.5851,
-29.4286)**

Conversions

Conversions Part 1

Format	Color
Hex	043C0A
RGB	4, 60, 10
RGB Percent	2%, 24%, 4%
CMY	0.9843, 0.7647, 0.9608
CMYK	0.93, 0.00, 0.83, 0.76
HSL	126°, 88%, 13%
HSV	126°, 93%, 24%
XYZ	1.7207, 3.2794, 0.8295
YIQ	37.5560, -17.3260, -27.4220

Conversions

Conversions Part 2

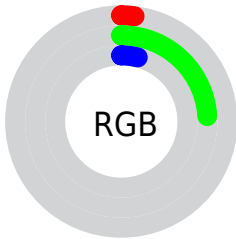
Format	Color
R_{YB}	4, 55, 60
Decimal	277514
CIE _{Lab}	21.13, -28.75, 24.57
CIE _{LCh}	21, 37.820, 139.491
Yxy	3.2794, 0.2952, 0.5625
Android (android.graphics.Color)	4278467594 (0xFF043C0A)
YUV	37.5560, -13.5851, -29.4286
Hunter-Lab	18.1092, -14.7303, 9.9608

Details

The YUV color **37.5560, -13.5851, -29.4286** is a dark color, and the websafe version is hex **003300**. A complement of this color would be **26.4440, 13.5851, 29.4286**, and the grayscale version is **38.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **87.0080, -15.7799, -25.4400**, and **4.6960, -2.3151, -4.1184** is the 20% darker color. If you saturate the color by 10%, you get **35.9040, -14.7427, -31.4878**, and if you desaturate by 10%, it is **39.9200, -12.2856, -26.2398**.

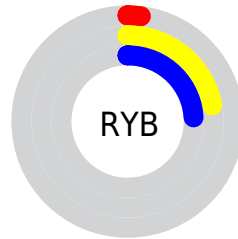
Distribution



Red (2%)

Green (24%)

Blue (4%)



Red (2%)

Yellow (22%)

Blue (24%)

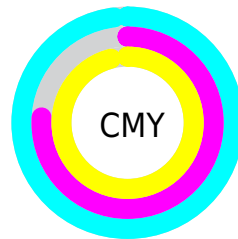


Cyan (93%)

Magenta (0%)

Yellow (83%)

Black (76%)



Cyan (98%)


Magenta (76%)


Yellow (96%)


Brightness & Saturation Gradients


These gradients show how the YUV color 37.5560, -13.5851, -29.4286 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 37.5560, -13.5851, -29.4286 by changing the saturation by 10% instead.


 37.5560, -13.5851,
-29.4286


 37.5560, -13.5851,
-29.4286


 250.3710, -6.0989,
-3.8334


 22.3060, -10.9969,
-19.5624


 87.0080, -15.7799,
-25.4400


 4.6960, -2.3151,
-4.1184

 112.3670,
-16.9429, -25.7549

 0.0000, 0.0000,
0.0000


 138.2530,
-17.3797, -25.6549


 164.7260,
-18.1059, -26.0697


 192.1990,
-18.8321, -26.4845


 220.3730,


-19.4109, -27.5141


 238.6930,
-14.6386, -18.1478


 37.5560, -13.5851,
-29.4286


 37.5560, -13.5851,
-29.4286


 35.9040, -14.7427,
-31.4878

 39.9200, -12.2856,
-26.2398

 42.3980, -10.5492,
-23.1510

 44.7620, -9.2497,
-19.9623

 47.1260, -7.9501,
-16.7735

 49.6040, -6.2138,
-13.6847

■ 51.9680, -4.9142,
-10.4959

■ 54.4460, -3.1779,
-7.4071

■ 56.8100, -1.8783,
-4.2184

■ 59.1740, -0.5788,
-1.0296

Harmonies

Analogous

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



46.3380, -22.8446, 0.5806



37.5560, -13.5851, -29.4286



40.9540, -0.4703, -35.9167

Triad

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



37.5560, -13.5851, -29.4286



45.5430, 29.8053, -39.9412



45.2170, -5.5300, 47.1677

Complementary

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



37.5560, -13.5851, -29.4286



26.4440, 13.5851, 29.4286

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.



47.2130, 7.2900, 41.9092



37.5560, -13.5851, -29.4286



47.2080, 27.9985, -20.3534

Square

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



37.5560, -13.5851, -29.4286



46.9960, 22.6800, -41.2155



52.0020, 17.2540, 19.2922



46.8510, -20.6325, 37.8417

Rectangle

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



37.5560, -13.5851, -29.4286



43.7070, 7.5394, -38.3310



52.0020, 17.2540, 19.2922



45.0690, -1.0200, 47.2975

Sweetspot

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



37.5560, -13.5851, -29.4286



70.1420, -5.4930, -11.5255



51.8220, -23.5762, 1.9101



35.3320, -3.6147, -7.3072



168.0000, 0.0000, 0.0000



41.0000, 0.0000, 0.0000

Same Dimension

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



37.5560, -13.5851, -29.4286



47.2850, -19.3675, -41.4689



40.7480, -1.3548, -32.2280



29.7610, -0.8682, -1.5444



56.3180, -22.8348, -49.3909



133.0500, -53.7616, -116.6848

Inverse Universe

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



26.4440, 13.5851, 29.4286



31.7150, 19.3675, 41.4689



23.2520, 1.3548, 32.2280



29.1250, 0.4314, 1.6444



37.6820, 22.8348, 49.3909



88.9500, 53.7616, 116.6849

Previews

White Background



This preview shows how the YUV color 37.5560, -13.5851, -29.4286 looks on a white background.

Color Contrast Check

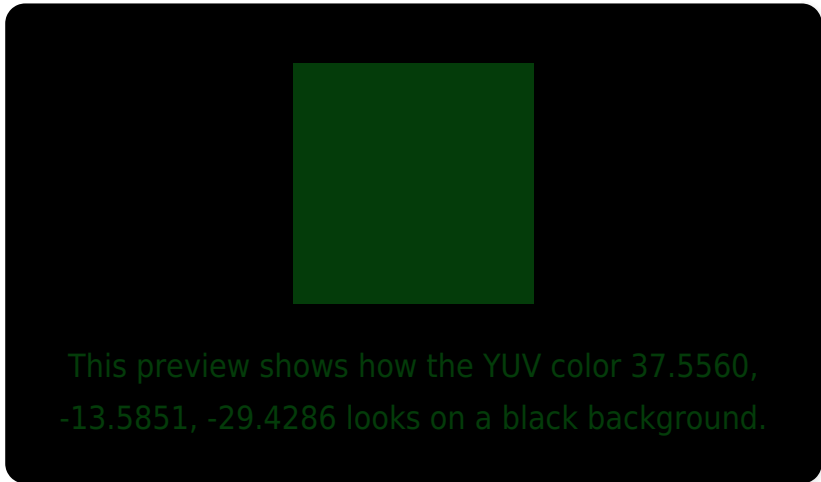
Large Text (above 18pt) WCAG AA ✓ Pass

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

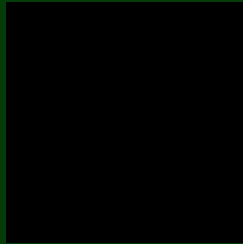
Any Text WCAG AA × Fail

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 37.5560, -13.5851, -29.4286 Background



This preview shows how black text looks on a background with the YUV color 37.5560, -13.5851, -29.4286.



This preview shows how white text looks on a background with the YUV color 37.5560, -13.5851,

-29.4286.

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

37.5560, -13.5851, -29.4286

Protanopia

48.1910, -19.8142, 8.6025

Deuteranopia

49.7230, -16.6254, 12.5209



Tritanopia

47.1870, 6.3168, -19.4580

Trichromacy



Original Color

37.5560, -13.5851, -29.4286

Protanomaly

44.0860, -17.2974, -5.3374

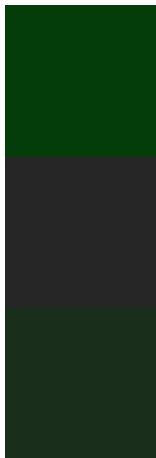
Deuteranomaly

45.2650, -15.4136, -2.8634

Tritanomaly

43.3300, -0.6557, -23.0914

Monochromacy



Original Color

37.5560, -13.5851, -29.4286

Achromatopsia

38.0000, 0.0000, 0.0000

Achromatomaly

37.9680, -4.9142, -10.4959

CSS Examples

Text

The CSS property to change the color of the text to YUV 37.5560, -13.5851, -29.4286 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(4, 60, 10)` looks like.

```
.text, #text, p{  
    color:rgb(4, 60, 10)  
}
```

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(4, 60, 10) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(4, 60, 10) }
```

Border

The CSS property to change the border of an element to YUV 37.5560, -13.5851, -29.4286 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(4, 60, 10) }
```


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

```
.border{ border-color:rgb(4, 60, 10) }
```

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

Here you see how a box with a 4 pixel `rgb(4, 60, 10)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(4, 60, 10); -webkit-box-shadow:4px  
4px 4px 4px rgb(4, 60, 10); box-shadow:4px  
4px 4px 4px rgb(4, 60, 10) }
```

Background

The CSS property to change the background color of an element to YUV 37.5560, -13.5851, -29.4286 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(4, 60, 10) }
```

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

```
.background{ background-color: rgb(4, 60,  
10) }
```

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