

Converting Colors

YUV(43.0170, -15.7844,
22.7871)

Have a look what the booklet for
YUV(43.0170, -15.7844, 22.7871)
contains.

YUV(43.0170, -15.7844, 22.7871)	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(43.0170, -15.7844,
22.7871)**

Conversions

Conversions Part 1

Format	Color
Hex	45240B
RGB	69, 36, 11
RGB Percent	27%, 14%, 4%
CMY	0.7294, 0.8588, 0.9569
CMYK	0.00, 0.48, 0.84, 0.73
HSL	26°, 72%, 16%
HSV	26°, 84%, 27%
XYZ	3.1455, 2.5511, 0.6432
YIQ	43.0170, 27.6930, -0.7790

Conversions

Conversions Part 2

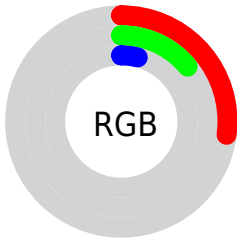
Format	Color
R_{YB}	69, 55, 11
Decimal	4531211
CIE _{Lab}	18.15, 13.34, 22.09
CIE _{LCh}	18, 25.805, 58.874
Yxy	2.5511, 0.4961, 0.4024
Android (android.graphics.Color)	4282721291 (0xFF45240B)
YUV	43.0170, -15.7844, 22.7871
Hunter-Lab	15.9722, 7.2018, 8.7928

Details

The YUV color **43.0170, -15.7844, 22.7871** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **36.9830, 15.7844, -22.7871**, and the grayscale version is **43.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **89.6970, -17.1056, 26.5757**, and **4.1860, -2.0637, 8.6069** is the 20% darker color. If you saturate the color by 10%, you get **39.8710, -17.6844, 25.5461**, and if you desaturate by 10%, it is **46.1630, -13.8844, 20.0280**.

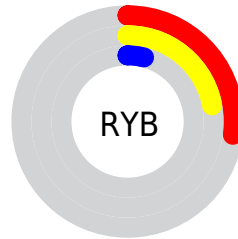
Distribution



 Red (27%)

 Green (14%)

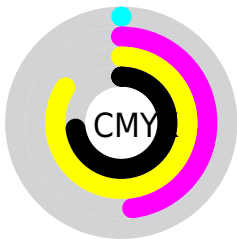
 Blue (4%)



 Red (27%)

 Yellow (22%)

 Blue (4%)

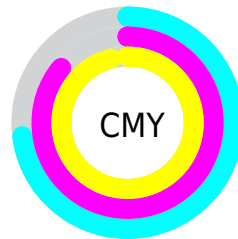


 Cyan (0%)

 Magenta (48%)

 Yellow (84%)

 Black (73%)



 Cyan (73%)

 Magenta (86%)

 Yellow (96%)

Brightness & Saturation Gradients

These gradients show how the YUV color 43.0170, -15.7844, 22.7871 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 43.0170, -15.7844, 22.7871 by changing the saturation by 10% instead.

■ 43.0170, -15.7844,
22.7871

■ 43.0170, -15.7844,
22.7871

■ 252.8340, -8.2992,
1.8996

■ 22.8470, -11.2636,
19.4282

■ 89.6970, -17.1056,
26.5757

■ 4.1860, -2.0637,
8.6069

■ 114.4800,
-17.9846, 28.5200

■ 0.0000, 0.0000,
0.0000


■ 140.2630,
-18.8637, 30.4643


■ 166.7470,
-19.5953, 31.7939


■ 194.2310,
-20.3269, 33.1234


■ 220.6220,


-20.0266, 30.1495


 240.2500,
-15.8992, 12.9358


 43.0170, -15.7844,
22.7871


 43.0170, -15.7844,
22.7871


 39.8710, -17.6844,
25.5461


 46.1630, -13.8844,
20.0280

 38.2410, -18.8528,
26.9756

 49.3090, -11.9843,
17.2690

 52.4550, -10.0843,
14.5100

 55.6010, -8.1843,
11.7509

 58.7470, -6.2843,
8.9919

■ 61.7790, -4.8210,
6.3328

■ 64.3380, -2.6316,
4.0886

■ 67.4840, -0.7316,
1.3295

■ 70.6300, 1.1684,
-1.4295

Harmonies

Analogous

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



43.1240, -7.9491, 29.7093



43.0170, -15.7844, 22.7871



41.8000, -20.1144, 11.5764

Triad

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



43.0170, -15.7844, 22.7871



36.0130, 3.4446, -31.5834



45.1150, 15.7193, -1.8549

Complementary

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



43.0170, -15.7844, 22.7871



36.9830, 15.7844, -22.7871

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.



36.9370, 22.2161, -32.3937



43.0170, -15.7844, 22.7871



38.1790, 11.7438, -33.4830

Square

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



43.0170, -15.7844, 22.7871



35.9510, -5.8918, -23.6360



38.6010, 18.4377, -33.8531



45.8140, 8.9657, 17.7031

Rectangle

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



43.0170, -15.7844, 22.7871



40.7880, -18.6295, 1.9399



38.6010, 18.4377, -33.8531



43.3420, 18.0724, -9.9469

Sweetspot

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



43.0170, -15.7844, 22.7871



79.4480, -6.1369, 8.3771



32.2180, 6.3015, 32.2578



39.7080, -3.8000, 5.5181



173.0000, 0.0000, 0.0000



46.0000, 0.0000, 0.0000

Same Dimension

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



43.0170, -15.7844, 22.7871



48.9170, -24.1161, 35.1528



59.4530, -23.8873, 8.3727



34.3700, -1.1684, 1.4295



54.8420, -27.0371, 38.7266



125.3990, -61.8217, 89.1041

Inverse Universe

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



36.9830, 15.7844, -22.7871



40.0830, 24.1161, -35.1528



20.5470, 23.8873, -8.3727



33.6300, 1.1684, -1.4295



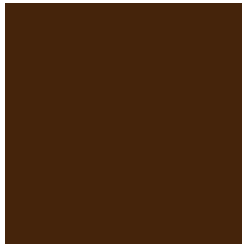
44.7450, 26.7477, -39.2414



101.6010, 61.8217, -89.1041

Previews

White Background



This preview shows how the YUV color 43.0170, -15.7844, 22.7871 looks on a white background.

Color Contrast Check

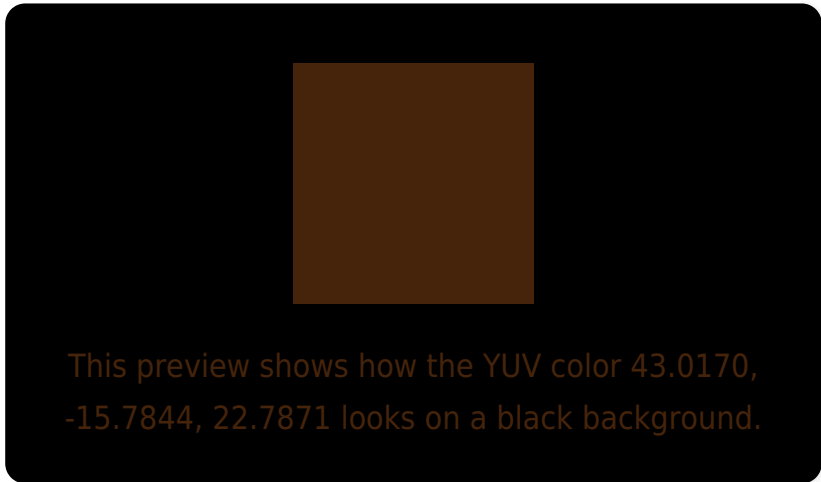
Large Text (above 18pt) WCAG AA ✓ Pass

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

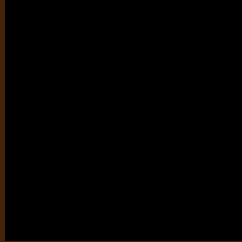
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 43.0170, -15.7844, 22.7871

Background



This preview shows how black text looks on a background with the YUV color 43.0170, -15.7844, 22.7871.

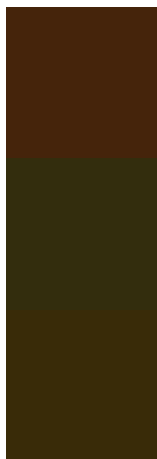


This preview shows how white text looks on a background with the YUV color 43.0170, -15.7844,

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

43.0170, -15.7844, 22.7871

Protanopia

43.1460, -14.8620, 6.8880

Deuteranopia

43.1960, -17.3516, 12.1061



Tritanopia

44.9920, -4.4331, 21.9320

Trichromacy



Original Color

43.0170, -15.7844, 22.7871

Protanomaly

43.3640, -15.4625, 12.8358

Deuteranomaly

42.7450, -16.6363, 16.0096

Tritanomaly

44.5530, -8.6536, 22.3170

Monochromacy



Original Color

43.0170, -15.7844, 22.7871

Achromatopsia

43.0000, 0.0000, 0.0000

Achromatomaly

42.5620, -5.7001, 8.2771

CSS Examples

Text

The CSS property to change the color of the text to YUV 43.0170, -15.7844, 22.7871 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(69, 36, 11)` looks like.

```
.text, #text, p{  
    color:rgb(69, 36, 11)  
}
```

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(69, 36, 11) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(69, 36, 11) }
```

Border

The CSS property to change the border of an element to YUV 43.0170, -15.7844, 22.7871 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(69, 36, 11) }
```


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

```
.border{ border-color:rgb(69, 36, 11) }
```

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

Here you see how a box with a 4 pixel `rgb(69, 36, 11)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(69, 36, 11); -webkit-box-  
shadow:4px 4px 4px 4px rgb(69, 36, 11);  
box-shadow:4px 4px 4px 4px rgb(69, 36, 11)  
}
```

Background

The CSS property to change the background color of an element to YUV 43.0170, -15.7844, 22.7871 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(69, 36, 11) }
```

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

```
.background{ background-color: rgb(69, 36,  
11) }
```

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