

Converting Colors

YUV(43.7250, -16.1334,
41.4602)

Have a look what the booklet for
YUV(43.7250, -16.1334, 41.4602)
contains.

YUV(43.7250, -16.1334, 41.4602)	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(43.7250, -16.1334,
41.4602)**

Conversions

Conversions Part 1

Format	Color
Hex	5B1A0B
RGB	91, 26, 11
RGB Percent	36%, 10%, 4%
CMY	0.6431, 0.8980, 0.9569
CMYK	0.00, 0.71, 0.88, 0.64
HSL	11°, 78%, 20%
HSV	11°, 88%, 36%
XYZ	4.7442, 2.9871, 0.6431
YIQ	43.7250, 43.5550, 9.1150

Conversions

Conversions Part 2

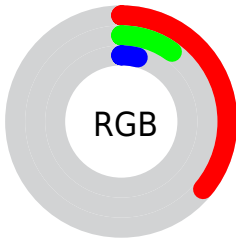
Format	Color
RYB	91, 29, 11
Decimal	5970443
CIELab	19.99, 28.96, 25.27
CIElCh	20, 38.433, 41.110
Yxy	2.9871, 0.5665, 0.3567
Android (android.graphics.Color)	4284160523 (0xFF5B1A0B)
YUV	43.7250, -16.1334, 41.4602
Hunter-Lab	17.2832, 18.7520, 9.8920

Details

The YUV color **43.7250, -16.1334, 41.4602** is a dark color, and the websafe version is hex **660000**. A complement of this color would be **58.2750, 16.1334, -41.4602**, and the grayscale version is **44.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **92.6610, -19.0599, 46.7783**, and **12.6720, -5.7543, 25.7207** is the 20% darker color. If you saturate the color by 10%, you get **38.5900, -18.0389, 45.9636**, and if you desaturate by 10%, it is **48.8600, -14.2280, 36.9568**.

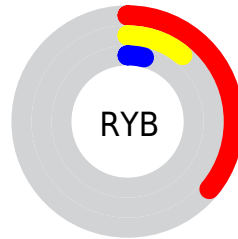
Distribution



Red (36%)

Green (10%)

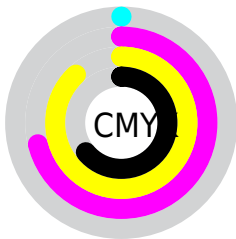
Blue (4%)



Red (36%)

Yellow (11%)

Blue (4%)

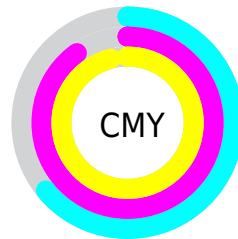


Cyan (0%)

Magenta (71%)

Yellow (88%)

Black (64%)



Cyan (64%)


Magenta (90%)


Yellow (96%)


Brightness & Saturation Gradients


These gradients show how the YUV color 43.7250, -16.1334, 41.4602 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 43.7250, -16.1334, 41.4602 by changing the saturation by 10% instead.


 43.7250, -16.1334,
41.4602

 43.7250, -16.1334,
41.4602

 252.8340, -8.2992,
1.8996


 19.7230, -9.7234,
38.8309


 92.6610, -19.0599,
46.7783

 12.6720, -5.7543,
25.7207

 118.7430,
-20.0863, 49.3374

 0.0000, 0.0000,
0.0000


 145.4120,
-21.4021, 51.3817


 172.4940,
-22.4285, 53.9408


 197.5860,
-21.9809, 50.3521


 217.1000,


-18.2903, 33.2383


 236.6140,
-14.5997, 16.1245


 43.7250, -16.1334,
41.4602


 43.7250, -16.1334,
41.4602


 38.5900, -18.0389,
45.9636


 48.8600, -14.2280,
36.9568

 37.1880, -18.3337,
47.1931

 54.5820, -12.6119,
31.9386

 59.7170, -10.7065,
27.4352

 65.4390, -9.0904,
22.4170

 70.6880, -6.7482,
17.8136

■ 75.8230, -4.8427,
13.3102

■ 81.5450, -3.2267,
8.2920

■ 86.6800, -1.3212,
3.7886

■ 92.4020, 0.2948,
-1.2296

Harmonies

Analogous

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



41.0800, -1.0254, 49.0418



43.7250, -16.1334, 41.4602



45.9050, -22.6312, 25.5163

Triad

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



43.7250, -16.1334, 41.4602



37.9390, -4.4069, -33.2725



40.0320, 31.5362, -35.1081

Complementary

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



43.7250, -16.1334, 41.4602



58.2750, 16.1334, -41.4602

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.



44.5000, 28.3475, -39.0265



43.7250, -16.1334, 41.4602



42.4190, 7.6814, -37.2015

Square

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



43.7250, -16.1334, 41.4602



38.2540, -18.8592, -17.7628



44.9100, 19.7644, -39.3861



49.4570, 20.4807, 11.0002

Rectangle

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



43.7250, -16.1334, 41.4602



45.5290, -22.4458, 12.6911



44.9100, 19.7644, -39.3861



42.4940, 30.8155, -37.2672

Sweetspot

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



43.7250, -16.1334, 41.4602



99.4920, -6.1586, 15.3545



42.3300, 16.5993, 42.6836



48.0290, -3.9583, 9.6216



186.0000, 0.0000, 0.0000



59.0000, 0.0000, 0.0000

Same Dimension

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



43.7250, -16.1334, 41.4602



47.8970, -23.6132, 60.6033



67.2050, -27.7091, 20.8682



43.0820, -1.0264, 2.5591



45.2170, -22.2920, 56.8147



96.6910, -47.6687, 123.0510

Inverse Universe

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



58.2750, 16.1334, -41.4602



69.1030, 23.6132, -60.6033



34.7950, 27.7091, -20.8682



43.9180, 1.0264, -2.5591



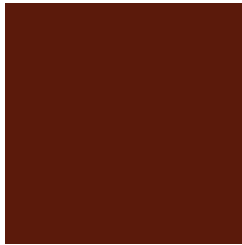
64.7830, 22.2920, -56.8147



140.3090, 47.6687, -123.0510

Previews

White Background



This preview shows how the YUV color 43.7250, -16.1334, 41.4602 looks on a white background.

Color Contrast Check

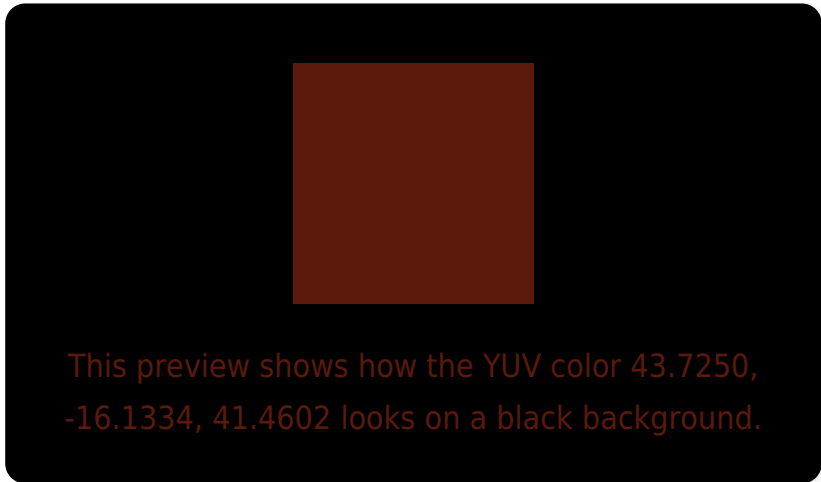
Large Text (above 18pt) WCAG AA ✓ Pass

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

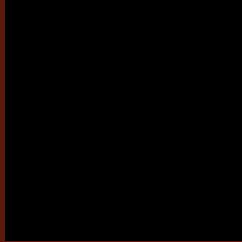
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 43.7250, -16.1334, 41.4602

Background



This preview shows how black text looks on a background with the YUV color 43.7250, -16.1334, 41.4602.

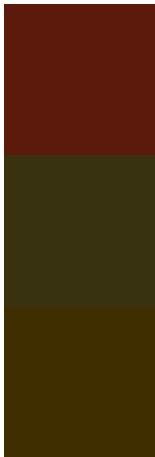


This preview shows how white text looks on a background with the YUV color 43.7250, -16.1334,

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

43.7250, -16.1334, 41.4602

Protanopia

48.0320, -15.2988, 6.9879

Deuteranopia

46.4260, -22.8880, 14.5354



Tritanopia

44.7340, -9.7289, 40.5753

Trichromacy



Original Color

43.7250, -16.1334, 41.4602

Protanomaly

46.4080, -15.4841, 19.8132

Deuteranomaly

45.1760, -20.2998, 24.4016

Tritanomaly

44.1640, -11.9129, 41.0752

Monochromacy



Original Color

43.7250, -16.1334, 41.4602

Achromatopsia

44.0000, 0.0000, 0.0000

Achromatomaly

43.6060, -5.7218, 15.2545

CSS Examples

Text

The CSS property to change the color of the text to YUV 43.7250, -16.1334, 41.4602 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(91, 26, 11)` looks like.

```
.text, #text, p{  
    color:rgb(91, 26, 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(91, 26, 11) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(91, 26, 11) }
```

Border

The CSS property to change the border of an element to YUV 43.7250, -16.1334, 41.4602 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(91, 26, 11) }
```


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

```
.border{ border-color:rgb(91, 26, 11) }
```

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

Here you see how a box with a 4 pixel `rgb(91, 26, 11)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(91, 26, 11); -webkit-box-  
shadow:4px 4px 4px 4px rgb(91, 26, 11);  
box-shadow:4px 4px 4px 4px rgb(91, 26, 11)  
}
```

Background

The CSS property to change the background color of an element to YUV 43.7250, -16.1334, 41.4602 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(91, 26, 11) }
```

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

```
.background{ background-color: rgb(91, 26,  
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