

Converting Colors

YUV(67.5470, -22.9477,
33.7233)

Have a look what the booklet for
YUV(67.5470, -22.9477, 33.7233)
contains.

YUV(67.5470, -22.9477, 33.7233)	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(67.5470, -22.9477,
33.7233)**

Conversions

Conversions Part 1

Format	Color
Hex	6A3915
RGB	106, 57, 21
RGB Percent	42%, 22%, 8%
CMY	0.5843, 0.7765, 0.9176
CMYK	0.00, 0.46, 0.80, 0.58
HSL	25°, 67%, 25%
HSV	25°, 80%, 42%
XYZ	7.5423, 6.0446, 1.4787
YIQ	67.5470, 40.7600, -0.8080

Conversions

Conversions Part 2

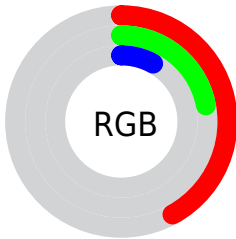
Format	Color
RYB	106, 83, 21
Decimal	6961429
CIELab	29.52, 18.63, 30.77
CIElCh	30, 35.977, 58.804
Yxy	6.0446, 0.5006, 0.4012
Android (android.graphics.Color)	4285151509 (0xFF6A3915)
YUV	67.5470, -22.9477, 33.7233
Hunter-Lab	24.5857, 11.7348, 13.6441

Details

The YUV color **67.5470, -22.9477, 33.7233** is a dark color, and the websafe version is hex **663300**. A complement of this color would be **59.4530, 22.9477, -33.7233**, and the grayscale version is **68.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **117.2980, -25.2899, 38.3267**, and **24.0650, -11.8640, 25.3760** is the 20% darker color. If you saturate the color by 10%, you get **62.7710, -26.0161, 37.9118**, and if you desaturate by 10%, it is **72.3230, -19.8792, 29.5347**.

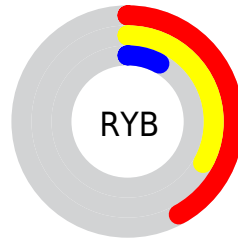
Distribution



Red (42%)

Green (22%)

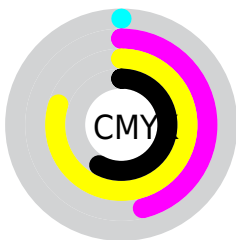
Blue (8%)



Red (42%)

Yellow (33%)

Blue (8%)

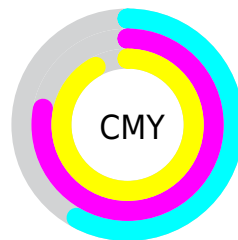


Cyan (0%)

Magenta (46%)

Yellow (80%)

Black (58%)



Cyan (58%)

Magenta (78%)

Yellow (92%)

Brightness & Saturation Gradients

These gradients show how the YUV color 67.5470, -22.9477, 33.7233 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 67.5470, -22.9477, 33.7233 by changing the saturation by 10% instead.

■ 67.5470, -22.9477,
33.7233

■ 67.5470, -22.9477,
33.7233

■ 254.5440, -1.7472,
0.3999

■ 44.4650, -21.9212,
31.1642

■ 117.2980,
-25.2899, 38.3267

■ 24.0650, -11.8640,
25.3760

■ 143.3800,
-26.3163, 40.8857

■ 9.0840, -3.9854,
18.3433

■ 170.1630,
-27.1954, 42.8300


■ 0.0000, 0.0000,
0.0000


■ 197.6470,
-27.9270, 44.1596


■ 219.1400,
-25.7050, 31.4492


■ 238.7680,


-21.5776, 14.2355


 251.3520,
-13.9775, 3.1993


 67.5470, -22.9477,
33.7233


 67.5470, -22.9477,
33.7233


 62.7710, -26.0161,
37.9118


 72.3230, -19.8792,
29.5347

 58.1090, -28.6477,
42.0004

 76.9850, -17.2476,
25.4462

 81.7610, -14.1792,
21.2576

 86.4230, -11.5475,
17.1690

 91.7860, -8.7685,
12.4657

■ 96.5620, -5.7001,
8.2771

■ 101.2240, -3.0684,
4.1886

■ 106.0000, 0.0000,
0.0000

■ 110.6620, 2.6316,
-4.0886

Harmonies

Analogous

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



67.3000, -11.4869, 44.4639



67.5470, -22.9477, 33.7233



66.0150, -29.5874, 16.6498

Triad

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



67.5470, -22.9477, 33.7233



56.4730, 5.6828, -49.5268



70.5800, 23.8711, -3.1397

Complementary

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



67.5470, -22.9477, 33.7233



59.4530, 22.9477, -33.7233

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.



57.1010, 33.4742, -50.0776



67.5470, -22.9477, 33.7233



59.6650, 17.9132, -52.3262

Square

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



67.5470, -22.9477, 33.7233



55.2930, -8.0324, -37.0910



60.2980, 27.9541, -52.8813



71.1340, 13.7379, 27.0695

Rectangle

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



67.5470, -22.9477, 33.7233



64.0240, -26.6338, 2.6100



60.2980, 27.9541, -52.8813



68.3010, 26.9666, -16.0500

Sweetspot

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



67.5470, -22.9477, 33.7233



123.0850, -8.9159, 13.0805



52.1150, 9.3103, 47.2571



59.6760, -5.2633, 8.1771



196.0000, 0.0000, 0.0000



69.0000, 0.0000, 0.0000

Same Dimension

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



67.5470, -22.9477, 33.7233



77.7530, -35.3742, 52.8366



92.2010, -35.1021, 12.1017



50.9680, -1.4632, 2.6591



64.3330, -31.7162, 46.1890



134.3030, -66.2114, 97.0813

Inverse Universe

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



59.4530, 22.9477, -33.7233



65.6600, 35.6636, -52.3218



34.7990, 35.1021, -12.1017



50.4450, 1.7526, -2.1443



53.2540, 31.4268, -46.7038



110.6970, 66.2114, -97.0813

Previews

White Background



This preview shows how the YUV color 67.5470, -22.9477, 33.7233 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



This preview shows how the YUV color 67.5470, -22.9477, 33.7233 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

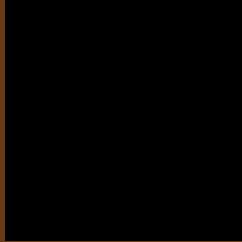
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 67.5470, -22.9477, 33.7233

Background



This preview shows how black text looks on a background with the YUV color 67.5470, -22.9477, 33.7233.



This preview shows how white text looks on a background with the YUV color 67.5470, -22.9477,

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

67.5470, -22.9477, 33.7233

Protanopia

67.5610, -20.9826, 10.0320

Deuteranopia

67.5790, -24.9354, 17.9092



Tritanopia

69.9010, -6.3602, 33.4128

Trichromacy



Original Color

67.5470, -22.9477, 33.7233

Protanomaly

67.5020, -21.4465, 18.8537

Deuteranomaly

67.4380, -24.3729, 24.1719

Tritanomaly

68.7070, -12.1806, 33.5830

Monochromacy



Original Color

67.5470, -22.9477, 33.7233

Achromatopsia

68.0000, 0.0000, 0.0000

Achromatomaly

67.9000, -8.3317, 12.3657

CSS Examples

Text

The CSS property to change the color of the text to YUV 67.5470, -22.9477, 33.7233 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(106, 57, 21)` looks like.

```
.text, #text, p{  
    color:rgb(106, 57, 21)  
}
```

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(106, 57, 21) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(106, 57, 21) }
```

Border

The CSS property to change the border of an element to YUV 67.5470, -22.9477, 33.7233 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(106, 57, 21) }
```


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

```
.border{ border-color:rgb(106, 57, 21) }
```

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

Here you see how a box with a 4 pixel rgb(106, 57, 21) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(106, 57, 21); -webkit-box-  
shadow:4px 4px 4px 4px rgb(106, 57, 21);  
box-shadow:4px 4px 4px 4px rgb(106, 57,  
21) }
```

Background

The CSS property to change the background color of an element to YUV 67.5470, -22.9477, 33.7233 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(106, 57, 21) }
```

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

```
.background{ background-color: rgb(106, 57,  
21) }
```

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