

Converting Colors

YUV(67.8950, -7.3432, 22.0171)

Have a look what the booklet for
YUV(67.8950, -7.3432, 22.0171)
contains.

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Color

**YUV(67.8950, -7.3432,
22.0171)**

Conversions

Conversions Part 1

Format	Color
Hex	5D3A35
RGB	93, 58, 53
RGB Percent	36%, 23%, 21%
CMY	0.6353, 0.7725, 0.7922
CMYK	0.00, 0.38, 0.43, 0.64
HSL	7°, 27%, 29%
HSV	7°, 43%, 36%
XYZ	6.6699, 5.6103, 4.0995
YIQ	67.8950, 22.4650, 5.8650

Conversions

Conversions Part 2

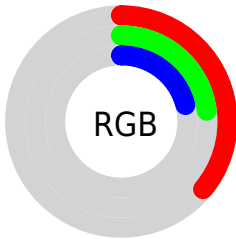
Format	Color
RYB	93, 59, 53
Decimal	6109749
CIELab	28.41, 14.82, 9.53
CIElCh	28, 17.624, 32.738
Yxy	5.6103, 0.4072, 0.3425
Android (android.graphics.Color)	4284299829 (0xFF5D3A35)
YUV	67.8950, -7.3432, 22.0171
Hunter-Lab	23.6861, 8.8139, 6.3185

Details

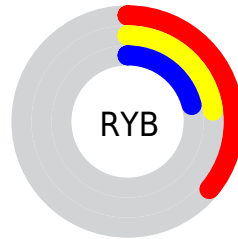
The YUV color **67.8950, -7.3432, 22.0171** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **78.1050, 7.3432, -22.0171**, and the grayscale version is **68.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **116.9770, -8.3697, 24.5762**, and **23.1720, -7.4798, 19.1432** is the 20% darker color. If you saturate the color by 10%, you get **62.1730, -8.9593, 27.0353**, and if you desaturate by 10%, it is **73.6170, -5.7272, 16.9989**.

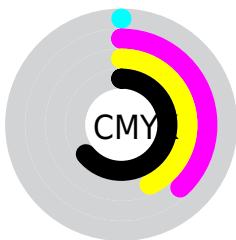
Distribution



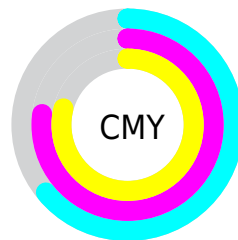
- Red (36%)
- Green (23%)
- Blue (21%)



- Red (36%)
- Yellow (23%)
- Blue (21%)



- Cyan (0%)
- Magenta (38%)
- Yellow (43%)
- Black (64%)



- Cyan (64%)
- Magenta (77%)
- Yellow (79%)

Brightness & Saturation Gradients

These gradients show how the YUV color 67.8950, -7.3432, 22.0171 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 67.8950, -7.3432, 22.0171 by changing the saturation by 10% instead.

■ 67.8950, -7.3432,
22.0171

■ 67.8950, -7.3432,
22.0171

■ 255.0000, 0.0000,
0.0000

■ 45.1120, -6.4642,
20.0728

■ 116.9770, -8.3697,
24.5762

■ 23.1720, -7.4798,
19.1432

■ 142.4610, -9.1013,
25.9057

■ 5.6810, -2.8007,
11.6808

■ 169.0590, -9.3961,
27.1353

■ 0.0000, 0.0000,
0.0000

■ 196.3580, -9.5435,
27.7500

■ 223.9450, -9.8329,
27.2352

■ 243.6870, -5.2687,

9.9215

■ 67.8950, -7.3432,
22.0171

■ 67.8950, -7.3432,
22.0171

■ 62.1730, -8.9593,
27.0353

■ 73.6170, -5.7272,
16.9989

■ 56.3370, -11.0121,
32.1535

■ 79.4530, -3.6743,
11.8807

■ 50.6150, -12.6282,
37.1716

■ 85.1750, -2.0583,
6.8625

■ 44.3060, -13.9549,
42.7046

■ 91.4840, -0.7316,
1.3295

■ 38.5840, -15.5709,
47.7228

■ 97.2060, 0.8844,
-3.6887

■ 34.8510, -17.1815,
50.9967

■ 103.0420, 2.9373,
-8.8068

■ 108.7640, 4.5533,
-13.8250

■ 114.4860, 6.1694,
-18.8432

■ 120.3220, 8.2223,
-23.9614

Harmonies

Analogous

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



68.7900, -1.3755, 21.2322



67.8950, -7.3432, 22.0171



67.0100, -11.8369, 16.6542

Triad

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



67.8950, -7.3432, 22.0171



62.1630, -4.0244, -15.9290



65.5820, 14.0101, -13.6654

Complementary

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



67.8950, -7.3432, 22.0171



78.1050, 7.3432, -22.0171

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.



61.3090, 14.6377, -28.3350



67.8950, -7.3432, 22.0171



59.5620, 4.1599, -27.6799

Square

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



67.8950, -7.3432, 22.0171



64.9320, -10.3195, -3.4484



58.0540, 11.3124, -35.1274



68.1710, 10.7617, 1.6040

Rectangle

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



67.8950, -7.3432, 22.0171



66.3360, -12.9836, 11.1063



58.0540, 11.3124, -35.1274



64.0760, 14.7525, -18.4837

Sweetspot

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



67.8950, -7.3432, 22.0171



109.9580, -2.9373, 8.8068



68.9500, 9.3917, 21.0919



55.1640, -2.0529, 5.1182



189.0000, 0.0000, 0.0000



61.0000, 0.0000, 0.0000

Same Dimension

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



67.8950, -7.3432, 22.0171



80.6470, -11.1650, 34.5126



79.6350, -13.1311, 11.7211



43.0820, -1.0264, 2.5591



41.1080, -20.2662, 60.4183



88.4730, -43.6172, 130.2582

Inverse Universe

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



78.1050, 7.3432, -22.0171



96.7660, 11.4544, -33.9978



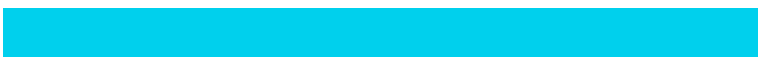
66.3650, 13.1311, -11.7211



43.9180, 1.0264, -2.5591



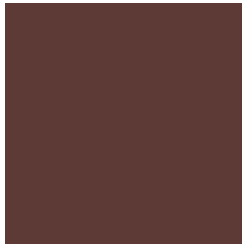
68.8920, 20.2662, -60.4183



149.1140, 43.3278, -130.7730

Previews

White Background



This preview shows how the YUV color 67.8950, -7.3432, 22.0171 looks on a white background.

Color Contrast Check

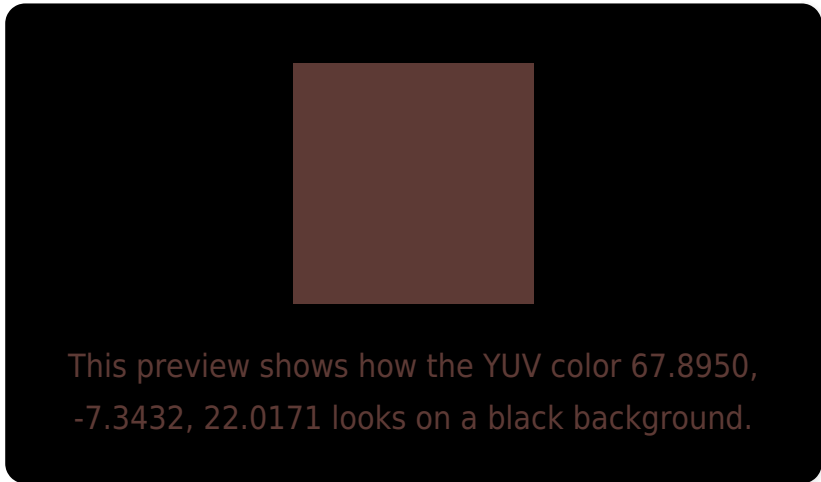
Large Text (above 18pt) WCAG AA ✓ Pass

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

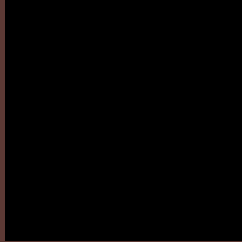
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 67.8950, -7.3432, 22.0171

Background



This preview shows how black text looks on a background with the YUV color 67.8950, -7.3432, 22.0171.

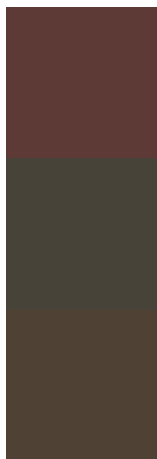


This preview shows how white text looks on a background with the YUV color 67.8950, -7.3432,

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

67.8950, -7.3432, 22.0171

Protanopia

67.0560, -4.9576, 3.4589

Deuteranopia

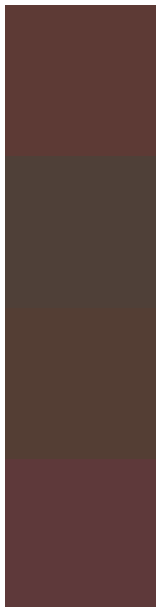
67.7040, -7.7421, 9.9066



Tritanopia

68.5190, -3.7069, 22.3468

Trichromacy



Original Color

67.8950, -7.3432, 22.0171

Protanomaly

67.5730, -5.7055, 10.0215

Deuteranomaly

67.4380, -7.6109, 14.5249

Tritanomaly

68.1770, -5.0173, 22.6468

Monochromacy



Original Color

67.8950, -7.3432, 22.0171

Achromatopsia

68.0000, 0.0000, 0.0000

Achromatomaly

67.7730, -2.3531, 8.0921

CSS Examples

Text

The CSS property to change the color of the text to YUV 67.8950, -7.3432, 22.0171 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(93, 58, 53)` looks like.

```
.text, #text, p{  
    color:rgb(93, 58, 53)  
}
```

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(93, 58, 53) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(93, 58, 53) }
```

Border

The CSS property to change the border of an element to YUV 67.8950, -7.3432, 22.0171 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(93, 58, 53) }
```


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

```
.border{ border-color:rgb(93, 58, 53) }
```

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

Here you see how a box with a 4 pixel rgb(93, 58, 53) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(93, 58, 53); -webkit-box-  
shadow:4px 4px 4px 4px rgb(93, 58, 53);  
box-shadow:4px 4px 4px 4px rgb(93, 58, 53)  
}
```

Background

The CSS property to change the background color of an element to YUV 67.8950, -7.3432, 22.0171 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(93, 58, 53) }
```

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

```
.background{ background-color: rgb(93, 58,  
53) }
```

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](#).

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