

Converting Colors

YUV(74.8950, -7.3432, 22.0171)

Have a look what the booklet for
YUV(74.8950, -7.3432, 22.0171)
contains.

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Color

**YUV(74.8950, -7.3432,
22.0171)**

Conversions

Conversions Part 1

Format	Color
Hex	64413C
RGB	100, 65, 60
RGB Percent	39%, 25%, 24%
CMY	0.6078, 0.7451, 0.7647
CMYK	0.00, 0.35, 0.40, 0.61
HSL	7°, 25%, 31%
HSV	7°, 40%, 39%
XYZ	7.9614, 6.8162, 5.1710
YIQ	74.8950, 22.4650, 5.8650

Conversions

Conversions Part 2

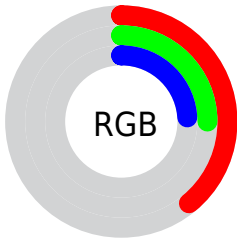
Format	Color
R_{YB}	100, 66, 60
Decimal	6570300
CIE _{Lab}	31.38, 14.53, 9.27
CIE _{LCh}	31, 17.232, 32.547
Yxy	6.8162, 0.3991, 0.3417
Android (android.graphics.Color)	4284760380 (0xFF64413C)
YUV	74.8950, -7.3432, 22.0171
Hunter-Lab	26.1078, 8.7441, 6.5323




Details

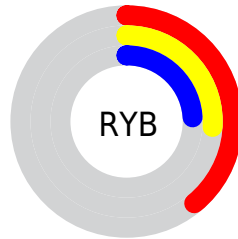
The YUV color **74.8950, -7.3432, 22.0171** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **85.1050, 7.3432, -22.0171**, and the grayscale version is **75.0000, 0.0000, 0.0000**.




A 20% lighter version of the original color is **123.9770, -8.3697, 24.5762**, and **30.2150, -6.0220, 18.2284** is the 20% darker color. If you saturate the color by 10%, you get **68.4720, -9.1067, 27.6501**, and if you desaturate by 10%, it is **81.3180, -5.5798, 16.3841**.

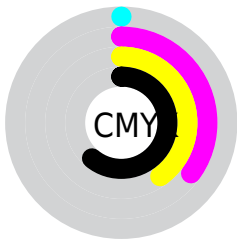
Distribution







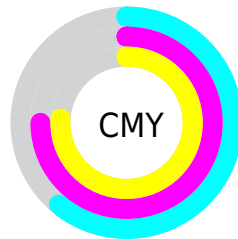
-  Red (39%)
-  Green (25%)
-  Blue (24%)






-  Red (39%)
-  Yellow (26%)
-  Blue (24%)



-  Cyan (0%)
-  Magenta (35%)
-  Yellow (40%)
-  Black (61%)



-  Cyan (61%)
-  Magenta (75%)
-  Yellow (76%)

Brightness & Saturation Gradients

These gradients show how the YUV color 74.8950, -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 74.8950, -7.3432, 22.0171 by changing the saturation by 10% instead.

■ 74.8950, -7.3432,
22.0171

■ 74.8950, -7.3432,
22.0171

■ 255.0000, 0.0000,
0.0000

■ 51.9980, -6.9010,
20.1728

■ 123.9770, -8.3697,
24.5762

■ 30.2150, -6.0220,
18.2284

■ 150.1620, -8.9539,
25.2909

■ 9.2690, -4.5696,
19.0581

■ 176.8740, -8.8119,
26.4205

■ 0.0000, 0.0000,
0.0000

■ 204.4720, -9.1067,
27.6501

■ 229.6670, -8.2168,
22.2170

■ 249.9960, -3.9420,

4.3885

■ 74.8950, -7.3432,
22.0171

■ 74.8950, -7.3432,
22.0171

■ 68.4720, -9.1067,
27.6501

■ 81.3180, -5.5798,
16.3841

■ 62.6360, -11.1595,
32.7682

■ 87.7410, -3.8163,
10.7511

■ 56.2130, -12.9230,
38.4012

■ 93.5770, -1.7635,
5.6330

■ 49.7900, -14.6865,
44.0342

■ 100.0000, 0.0000,
0.0000

■ 43.3670, -16.4499,
49.6671

■ 106.4230, 1.7635,
-5.6330

■ 36.9440, -18.2134,
55.3001

■ 112.8460, 3.5269,
-11.2659

■ 118.6820, 5.5798,
-16.3841

■ 125.1050, 7.3432,
-22.0171

■ 131.5280, 9.1067,
-27.6501

Harmonies

Analogous

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



75.7900, -1.3755, 21.2322



74.8950, -7.3432, 22.0171



74.3090, -11.9843, 17.2690

Triad

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



74.8950, -7.3432, 22.0171



69.4620, -4.1718, -15.3142



72.8810, 13.8627, -13.0506

Complementary

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



74.8950, -7.3432, 22.0171



85.1050, 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.



68.7930, 13.9061, -27.0055



74.8950, -7.3432, 22.0171



67.1600, 3.8651, -26.4503

Square

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



74.8950, -7.3432, 22.0171



71.3450, -10.0301, -2.9336



66.2500, 10.7227, -32.6683



75.1710, 10.7617, 1.6040

Rectangle

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



74.8950, -7.3432, 22.0171



73.3360, -12.9836, 11.1063



66.2500, 10.7227, -32.6683



71.2610, 14.1683, -17.7689

Sweetspot

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



74.8950, -7.3432, 22.0171



119.9580, -2.9373, 8.8068



75.9500, 9.3916, 21.0918



60.2780, -1.6161, 5.0182



194.0000, 0.0000, 0.0000



66.0000, 0.0000, 0.0000

Same Dimension

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



74.8950, -7.3432, 22.0171



90.6470, -11.1650, 34.5126



86.6350, -13.1311, 11.7211



48.0820, -1.0264, 2.5591



42.6030, -21.0033, 63.4922



89.9680, -44.3542, 133.3321

Inverse Universe

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



85.1050, 7.3432, -22.0171



106.7660, 11.4544, -33.9978



73.3650, 13.1311, -11.7211



48.9180, 1.0264, -2.5591



71.8100, 21.2927, -62.9774



152.0320, 44.3542, -133.3321

Previews

White Background



This preview shows how the YUV color 74.8950, -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



This preview shows how the YUV color 74.8950, -7.3432, 22.0171 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

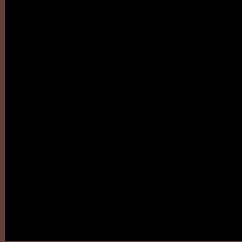
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 74.8950, -7.3432, 22.0171

Background



This preview shows how black text looks on a background with the YUV color 74.8950, -7.3432, 22.0171.

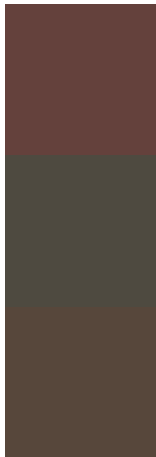


This preview shows how white text looks on a background with the YUV color 74.8950, -7.3432,

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

74.8950, -7.3432, 22.0171

Protanopia

74.0560, -4.9576, 3.4589

Deuteranopia

74.4160, -7.6001, 11.0362



Tritanopia

75.6330, -3.2701, 22.2469

Trichromacy



Original Color

74.8950, -7.3432, 22.0171

Protanomaly

74.5730, -5.7055, 10.0215

Deuteranomaly

74.7370, -7.7583, 15.1397

Tritanomaly

75.2910, -4.5805, 22.5468

Monochromacy



Original Color

74.8950, -7.3432, 22.0171

Achromatopsia

75.0000, 0.0000, 0.0000

Achromatomaly

74.7730, -2.3531, 8.0921

CSS Examples

Text

The CSS property to change the color of the text to YUV 74.8950, -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(100, 65, 60)` looks like.

```
.text, #text, p{  
    color:rgb(100, 65, 60)  
}
```

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(100, 65, 60) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(100, 65, 60) }
```

Border

The CSS property to change the border of an element to YUV 74.8950, -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(100, 65, 60) }
```


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

```
.border{ border-color:rgb(100, 65, 60) }
```

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

Here you see how a box with a 4 pixel `rgb(100, 65, 60)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(100, 65, 60); -webkit-box-  
shadow:4px 4px 4px 4px rgb(100, 65, 60);  
box-shadow:4px 4px 4px 4px rgb(100, 65,  
60) }
```

Background

The CSS property to change the background color of an element to YUV 74.8950, -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(100, 65, 60) }
```

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

```
.background{ background-color: rgb(100, 65,  
60) }
```

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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