

Converting Colors

YUV(76.8780, -4.8699, 22.0320)

Have a look what the booklet for
YUV(76.8780, -4.8699, 22.0320)
contains.

YUV(76.8780, -4.8699, 22.0320)	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(76.8780, -4.8699,
22.0320)**

Conversions

Conversions Part 1

Format	Color
Hex	664243
RGB	102, 66, 67
RGB Percent	40%, 26%, 26%
CMY	0.6000, 0.7412, 0.7373
CMYK	0.00, 0.35, 0.34, 0.60
HSL	358°, 21%, 33%
HSV	358°, 35%, 40%
XYZ	8.4408, 7.1265, 6.2409
YIQ	76.8780, 21.1350, 7.9430

Conversions

Conversions Part 2

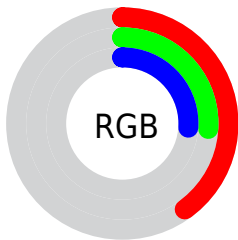
Format	Color
R_{YB}	102, 66, 67
Decimal	6701635
CIE Lab	32.09, 15.78, 5.81
CIE LCh	32, 16.812, 20.205
Yxy	7.1265, 0.3870, 0.3268
Android (android.graphics.Color)	4284891715 (0xFF664243)
YUV	76.8780, -4.8699, 22.0320
Hunter-Lab	26.6954, 9.7229, 4.8260

Details

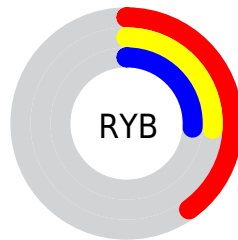
The YUV color **76.8780, -4.8699, 22.0320** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **91.1220, 4.8699, -22.0320**, and the grayscale version is **77.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **126.0740, -5.4595, 24.4911**, and **31.4970, -3.6960, 18.8581** is the 20% darker color. If you saturate the color by 10%, you get **69.8680, -6.3439, 28.1798**, and if you desaturate by 10%, it is **83.8880, -3.3958, 15.8842**.

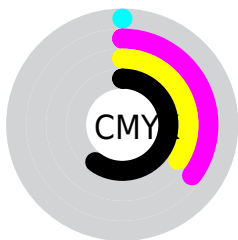
Distribution



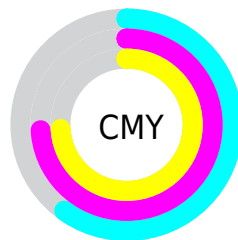
- Red (40%)
- Green (26%)
- Blue (26%)



- Red (40%)
- Yellow (26%)
- Blue (26%)



- Cyan (0%)
- Magenta (35%)
- Yellow (34%)
- Black (60%)



- Cyan (60%)
- Magenta (74%)
- Yellow (74%)

Brightness & Saturation Gradients

These gradients show how the YUV color 76.8780, -4.8699, 22.0320 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 76.8780, -4.8699, 22.0320 by changing the saturation by 10% instead.

■ 76.8780, -4.8699,
22.0320

■ 76.8780, -4.8699,
22.0320

■ 255.0000, 0.0000,
0.0000

■ 53.9810, -4.4276,
20.1877

■ 126.0740, -5.4595,
24.4911

■ 31.4970, -3.6960,
18.8581

■ 152.2590, -6.0437,
25.2059

■ 10.1660, -5.0118,
20.9024

■ 178.9710, -5.9017,
26.3354

■ 0.0000, 0.0000,
0.0000

■ 207.1560, -6.4859,
27.0502

■ 231.8670, -4.8644,
20.2876

■ 251.4950, -0.7370,

3.0739

■ 76.8780, -4.8699,
22.0320

■ 76.8780, -4.8699,
22.0320

■ 69.8680, -6.3439,
28.1798

■ 83.8880, -3.3958,
15.8842

■ 62.8580, -7.8180,
34.3275

■ 90.8980, -1.9217,
9.7365

■ 55.2610, -9.0027,
40.9901

■ 98.4950, -0.7370,
3.0739

■ 48.2510, -10.4767,
47.1379

■ 105.5050, 0.7370,
-3.0739

■ 41.2410, -11.9508,
53.2856

■ 112.5150, 2.2111,
-9.2217

■ 34.3450, -12.9881,
59.3334

■ 119.5250, 3.6852,
-15.3694

■ 30.8400, -13.7251,
62.4073

■ 126.4210, 4.7224,
-21.4172

■ 134.0180, 5.9071,
-28.0798

■ 141.0280, 7.3812,
-34.2276

Harmonies

Analogous

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



77.4630, 1.2507, 18.8879



76.8780, -4.8699, 22.0320



76.1890, -9.9532, 19.1282

Triad

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



76.8780, -4.8699, 22.0320



72.3980, -7.0982, -9.9960



72.8480, 13.8789, -18.2837

Complementary

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



76.8780, -4.8699, 22.0320



91.1220, 4.8699, -22.0320

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.



69.1410, 12.7485, -29.0647



76.8780, -4.8699, 22.0320



70.2700, 0.3599, -22.1618

Square

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



76.8780, -4.8699, 22.0320



73.6230, -11.6461, 2.0846



68.4630, 7.6597, -30.2241



76.0670, 11.7990, -4.4438

Rectangle

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



76.8780, -4.8699, 22.0320



75.5860, -12.1209, 14.3951



68.4630, 7.6597, -30.2241



71.5270, 14.0372, -22.3872

Sweetspot

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



76.8780, -4.8699, 22.0320



122.4850, -2.2111, 9.2217



80.5690, 10.5655, 17.9180



60.3920, -1.1793, 4.9182



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.



76.8780, -4.8699, 22.0320



93.8580, -7.8180, 34.3275



86.7430, -10.2263, 13.3804



47.4950, -0.7370, 3.0739



34.7270, -15.6414, 70.3994



73.1560, -32.6149, 148.0762

Inverse Universe

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



76.8780, -4.8699, 22.0320



93.8580, -7.8180, 34.3275



81.2570, 10.2263, -13.3804



47.4950, -0.7370, 3.0739



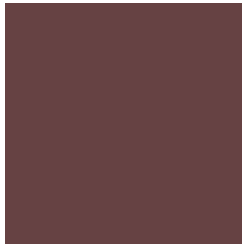
34.7270, -15.6414, 70.3994



73.1560, -32.6149, 148.0762

Previews

White Background



This preview shows how the YUV color 76.8780, -4.8699, 22.0320 looks on a white background.

Color Contrast Check

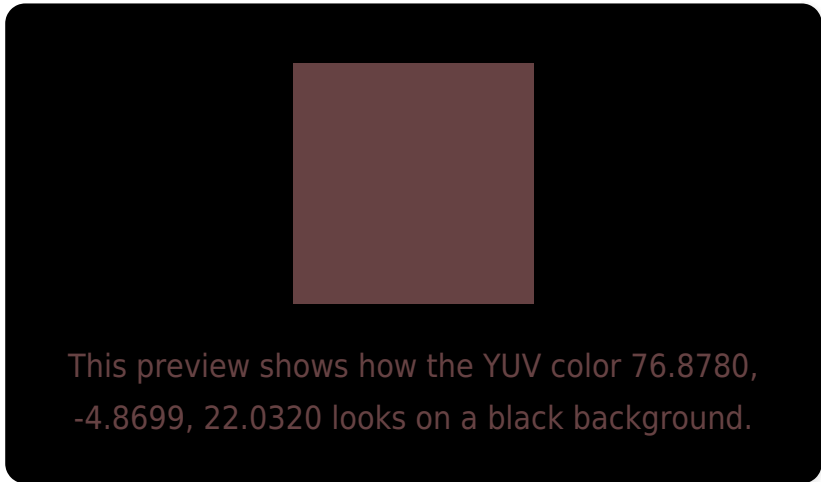
Large Text (above 18pt) WCAG AA ✓ Pass

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

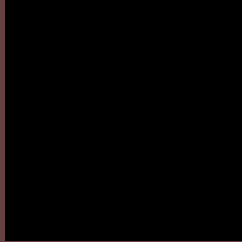
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 76.8780, -4.8699, 22.0320

Background



This preview shows how black text looks on a background with the YUV color 76.8780, -4.8699, 22.0320.



This preview shows how white text looks on a background with the YUV color 76.8780, -4.8699,

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

76.8780, -4.8699, 22.0320

Protanopia

76.1420, -2.0420, 1.6295

Deuteranopia

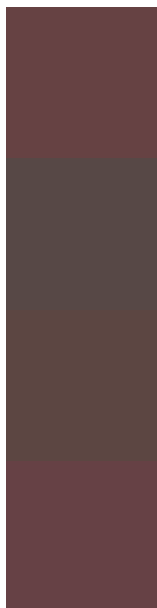
76.3880, -5.1213, 9.3067



Tritanopia

76.6330, -3.2701, 22.2469

Trichromacy



Original Color

76.8780, -4.8699, 22.0320

Protanomaly

76.2570, -3.0847, 9.4216

Deuteranomaly

76.1220, -4.9901, 13.9250

Tritanomaly

76.5190, -3.7069, 22.3468

Monochromacy



Original Color

76.8780, -4.8699, 22.0320

Achromatopsia

77.0000, 0.0000, 0.0000

Achromatomaly

76.8870, -1.9163, 7.9921

CSS Examples

Text

The CSS property to change the color of the text to YUV 76.8780, -4.8699, 22.0320 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(102, 66, 67)` looks like.

```
.text, #text, p{  
    color:rgb(102, 66, 67)  
}
```

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(102, 66, 67) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(102, 66, 67) }
```

Border

The CSS property to change the border of an element to YUV 76.8780, -4.8699, 22.0320 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(102, 66, 67) }
```


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

```
.border{ border-color:rgb(102, 66, 67) }
```

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

Here you see how a box with a 4 pixel rgb(102, 66, 67) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(102, 66, 67); -webkit-box-  
shadow:4px 4px 4px 4px rgb(102, 66, 67);  
box-shadow:4px 4px 4px 4px rgb(102, 66,  
67) }
```

Background

The CSS property to change the background color of an element to YUV 76.8780, -4.8699, 22.0320 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(102, 66, 67) }
```

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

```
.background{ background-color: rgb(102, 66,  
67) }
```

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