

Converting Colors

YUV(66.7980, 3.5506, 74.7222)

Have a look what the booklet for
YUV(66.7980, 3.5506, 74.7222)
contains.

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Color

**YUV(66.7980, 3.5506,
74.7222)**

Conversions

Conversions Part 1

Format	Color
Hex	98164A
RGB	152, 22, 74
RGB Percent	60%, 9%, 29%
CMY	0.4039, 0.9137, 0.7098
CMYK	0.00, 0.86, 0.51, 0.40
HSL	336°, 75%, 34%
HSV	336°, 86%, 60%
XYZ	14.4718, 7.7436, 7.2105
YIQ	66.7980, 60.7880, 43.7320

Conversions

Conversions Part 2

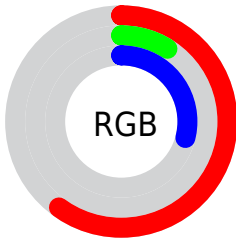
Format	Color
R_{YB}	152, 22, 74
Decimal	9967178
CIE _{Lab}	33.44, 53.88, 4.33
CIE _{LCh}	33, 54.049, 4.597
Yxy	7.7436, 0.4918, 0.2632
Android (android.graphics.Color)	4288157258 (0xFF98164A)
YUV	66.7980, 3.5506, 74.7222
Hunter-Lab	27.8274, 44.1323, 4.1163

Details

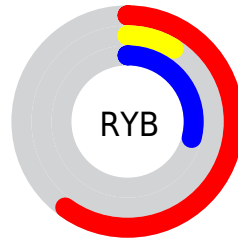
The YUV color **66.7980, 3.5506, 74.7222** is a dark color, and the websafe version is hex **990033**. A complement of this color would be **107.2020, -3.5506, -74.7222**, and the grayscale version is **67.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **125.7180, -1.8330, 74.7923**, and **31.9390, -0.4629, 55.3045** is the 20% darker color. If you saturate the color by 10%, you get **56.9670, 3.9603, 83.3439**, and if you desaturate by 10%, it is **76.6290, 3.1409, 66.1004**.

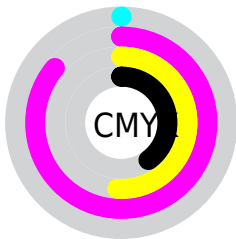
Distribution



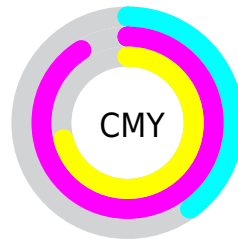
- Red (60%)
- Green (9%)
- Blue (29%)



- Red (60%)
- Yellow (9%)
- Blue (29%)



- Cyan (0%)
- Magenta (86%)
- Yellow (51%)
- Black (40%)



- Cyan (40%)
- Magenta (91%)
- Yellow (71%)

Brightness & Saturation Gradients

These gradients show how the YUV color 66.7980, 3.5506, 74.7222 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 66.7980, 3.5506, 74.7222 by changing the saturation by 10% instead.

66.7980, 3.5506,
74.7222

66.7980, 3.5506,
74.7222

255.0000, 0.0000,
0.0000

42.7050, 4.5824,
70.4187

125.7180, -1.8330,
74.7923

31.9390, -0.4629,
55.3045

153.5010, -2.7120,
76.7366

20.9020, -7.8397,
41.3049

177.2010, -1.0851,
68.2297

11.7750, -5.3121,
23.8763

196.7150, 2.6055,
51.1159

0.0000, 0.0000,
0.0000

216.3430, 6.7329,
33.9022

236.2160, 9.2605,

16.4736

253.8260, 0.5788,
1.0296

■ 66.7980, 3.5506,
74.7222

■ 66.7980, 3.5506,
74.7222

■ 56.9670, 3.9603,
83.3439

■ 76.6290, 3.1409,
66.1004

■ 52.4020, 4.2388,
87.3474

■ 86.4600, 2.7312,
57.4786

■ 96.8780, 2.0321,
48.3420

■ 106.7090, 1.6225,
39.7202

■ 116.6540, 1.6496,
30.9984

■ 126.4850, 1.2399,
22.3767

■ 136.3160, 0.8302,
13.7549

■ 146.7340, 0.1311,
4.6183

■ 156.5650, -0.2785,
-4.0035

Harmonies

Analogous

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



76.1830, 19.6298, 50.7055



66.7980, 3.5506, 74.7222



70.4940, -18.9775, 67.0958

Triad

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



66.7980, 3.5506, 74.7222



65.6980, -32.3891, -18.1521



72.3750, 41.2271, -63.4729

Complementary

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



66.7980, 3.5506, 74.7222



107.2020, -3.5506, -74.7222

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.



71.3030, 26.9656, -62.5327



66.7980, 3.5506, 74.7222



60.2110, -10.4570, -52.8050

Square

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



66.7980, 3.5506, 74.7222



73.5820, -36.2759, 15.2756



66.5150, 8.6201, -58.3337



66.9440, 48.3416, -58.7099

Rectangle

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



66.7980, 3.5506, 74.7222



72.1660, -35.0848, 53.3514



66.5150, 8.6201, -58.3337



72.6370, 37.1540, -63.7026

Sweetspot

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



66.7980, 3.5506, 74.7222



162.6430, 1.6550, 29.2541



60.1420, 45.2860, 34.9555



79.3380, 0.8194, 17.2436



227.0000, 0.0000, 0.0000



99.0000, 0.0000, 0.0000

Same Dimension

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



66.7980, 3.5506, 74.7222



67.6100, 5.6153, 112.5980



68.5010, -22.9250, 73.2286



71.7340, 0.1311, 4.6183



48.2440, 3.8237, 80.4700



4.4570, 0.2677, 7.4922

Inverse Universe

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



66.7980, 3.5506, 74.7222



67.6100, 5.6153, 112.5980



105.4990, 22.9250, -73.2286



71.7340, 0.1311, 4.6183



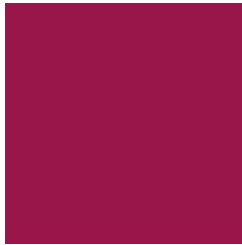
48.2440, 3.8237, 80.4700



4.4570, 0.2677, 7.4922

Previews

White Background



This preview shows how the YUV color 66.7980, 3.5506, 74.7222 looks on a white background.

Color Contrast Check

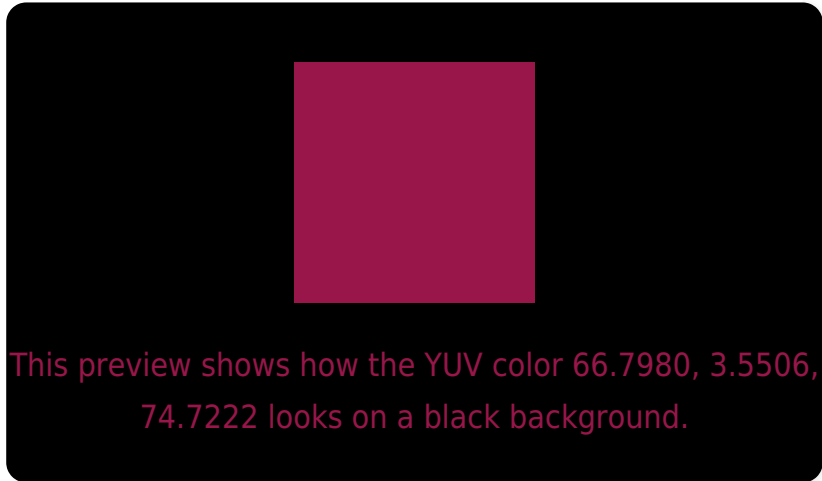
Large Text (above 18pt) WCAG AA ✓ Pass

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

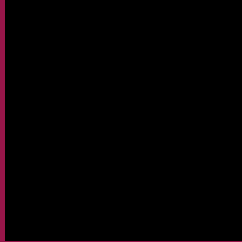
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 66.7980, 3.5506, 74.7222

Background



This preview shows how black text looks on a background with the YUV color 66.7980, 3.5506, 74.7222.



This preview shows how white text looks on a background with the YUV color 66.7980, 3.5506, 74.7222.

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

66.7980, 3.5506, 74.7222

Protanopia

80.9420, 11.3676, -6.0881

Deuteranopia

80.7580, -6.2897, 10.7362



Tritanopia

69.4990, -16.5150, 70.5994

Trichromacy



Original Color

66.7980, 3.5506, 74.7222

Protanomaly

75.7330, 8.5126, 23.0362

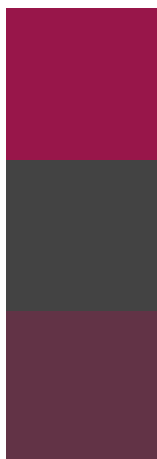
Deuteranomaly

75.5250, -2.7238, 33.7426

Tritanomaly

68.4590, -9.1003, 72.3885

Monochromacy



Original Color

66.7980, 3.5506, 74.7222

Achromatopsia

67.0000, 0.0000, 0.0000

Achromatomaly

67.2190, 1.3710, 26.9949

CSS Examples

Text

The CSS property to change the color of the text to YUV 66.7980, 3.5506, 74.7222 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(152, 22, 74)` looks like.

```
.text, #text, p{  
    color:rgb(152, 22, 74)  
}
```

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(152, 22, 74) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(152, 22, 74) }
```

Border

The CSS property to change the border of an element to YUV 66.7980, 3.5506, 74.7222 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(152, 22, 74) }
```


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

```
.border{ border-color:rgb(152, 22, 74) }
```

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

Here you see how a box with a 4 pixel `rgb(152, 22, 74)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(152, 22, 74); -webkit-box-  
shadow:4px 4px 4px 4px rgb(152, 22, 74);  
box-shadow:4px 4px 4px 4px rgb(152, 22,  
74) }
```

Background

The CSS property to change the background color of an element to YUV 66.7980, 3.5506, 74.7222 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(152, 22, 74) }
```

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

```
.background{ background-color: rgb(152, 22,  
74) }
```

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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