

Converting Colors

YUV(44.7980, 3.5506, 74.7222)

Have a look what the booklet for
YUV(44.7980, 3.5506, 74.7222)
contains.

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Color

**YUV(44.7980, 3.5506,
74.7222)**

Conversions

Conversions Part 1

Format	Color
Hex	820034
RGB	130, 0, 52
RGB Percent	51%, 0%, 20%
CMY	0.4902, 1.0000, 0.7961
CMYK	0.00, 1.00, 0.60, 0.49
HSL	336°, 100%, 25%
HSV	336°, 100%, 51%
XYZ	9.8258, 4.9938, 3.6948
YIQ	44.7980, 60.7880, 43.7320

Conversions

Conversions Part 2

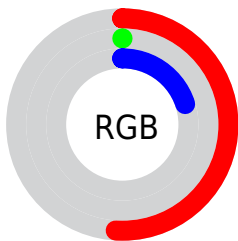
Format	Color
RYB	130, 0, 52
Decimal	8519732
CIELab	26.72, 50.54, 8.90
CIElCh	27, 51.316, 9.987
Yxy	4.9938, 0.5307, 0.2697
Android (android.graphics.Color)	4286709812 (0xFF820034)
YUV	44.7980, 3.5506, 74.7222
Hunter-Lab	22.3467, 39.3789, 5.8396

Details

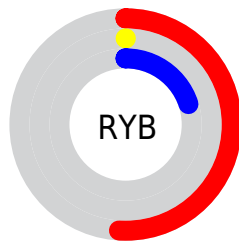
The YUV color **44.7980, 3.5506, 74.7222** is a dark color, and the websafe version is hex **990033**. A complement of this color would be **85.2020, -3.5506, -74.7222**, and the grayscale version is **45.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **107.3000, -4.5849, 70.7739**, and **22.8100, -8.2873, 44.8936** is the 20% darker color. If you saturate the color by 10%, you get **44.7980, 3.5506, 74.7222**, and if you desaturate by 10%, it is **53.3410, 3.2829, 67.2299**.

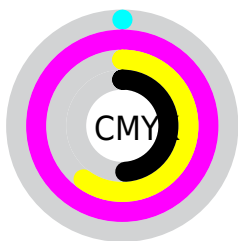
Distribution



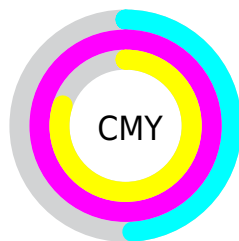
- Red (51%)
- Green (0%)
- Blue (20%)



- Red (51%)
- Yellow (0%)
- Blue (20%)



- Cyan (0%)
- Magenta (100%)
- Yellow (60%)
- Black (49%)



- Cyan (49%)
- Magenta (100%)
- Yellow (80%)

Brightness & Saturation Gradients

These gradients show how the YUV color 44.7980, 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 44.7980, 3.5506, 74.7222 by changing the saturation by 10% instead.

■ 44.7980, 3.5506,
74.7222

■ 44.7980, 3.5506,
74.7222

255.0000, 0.0000,
0.0000

■ 33.7330, -1.3474,
58.9932

■ 107.3000, -4.5849,
70.7739

■ 22.8100, -8.2873,
44.8936

■ 135.5560, -6.1901,
72.3034

■ 14.2810, -6.0545,
28.6946

■ 163.3390, -7.0691,
74.2477

■ 0.0000, 0.0000,
0.0000


■ 184.2450, -4.5578,
62.0521


■ 203.7590, -0.8672,
44.9384

■ 223.5010, 3.6970,


27.6246

 243.2600, 5.7878,
10.2960


 44.7980, 3.5506,
74.7222

 53.3410, 3.2829,
67.2299

 61.8840, 3.0152,
59.7377

 70.3130, 2.3107,
52.3455

 78.8560, 2.0430,
44.8533

 87.3990, 1.7753,
37.3611

■ 95.9420, 1.5076,
29.8689

■ 104.4850, 1.2399,
22.3767

■ 112.9140, 0.5354,
14.9844

■ 121.4570, 0.2677,
7.4922

Harmonies

Analogous

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



55.6350, 17.4349, 54.6941



44.7980, 3.5506, 74.7222



54.5100, -19.9714, 59.1887

Triad

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



44.7980, 3.5506, 74.7222



48.8200, -24.0683, -27.0291



59.7570, 38.5738, -52.4069

Complementary

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



44.7980, 3.5506, 74.7222



85.2020, -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.



59.2550, 26.4963, -51.9666



44.7980, 3.5506, 74.7222



49.6620, -7.7214, -43.5536

Square

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



44.7980, 3.5506, 74.7222



58.7750, -28.9761, 7.2133



55.6240, 10.0454, -48.7822



53.6420, 43.0675, -47.0440

Rectangle

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



44.7980, 3.5506, 74.7222



58.1200, -28.6532, 43.7448



55.6240, 10.0454, -48.7822



60.1330, 34.9374, -52.7366

Sweetspot

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



44.7980, 3.5506, 74.7222



135.2300, 1.3656, 28.7393



38.1420, 45.2860, 34.9555



64.3380, 0.8194, 17.2436



212.0000, 0.0000, 0.0000



84.0000, 0.0000, 0.0000

Same Dimension

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



44.7980, 3.5506, 74.7222



57.8700, 4.5011, 96.5840



46.5010, -22.9250, 73.2286



59.4350, 0.2785, 4.0035



44.0860, 3.4086, 73.5926



0.0000, 0.0000, 0.0000

Inverse Universe

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



44.7980, 3.5506, 74.7222



57.8700, 4.5011, 96.5840



83.4990, 22.9250, -73.2286



59.4350, 0.2785, 4.0035



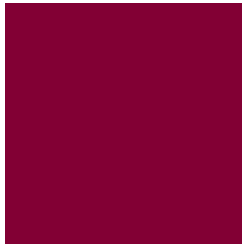
44.0860, 3.4086, 73.5926



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the YUV color 44.7980, 3.5506, 74.7222 looks on a white background.

Color Contrast Check

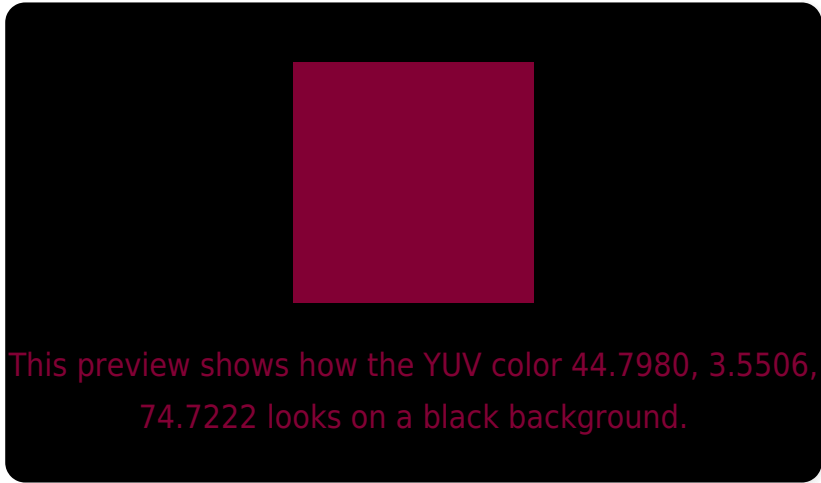
Large Text (above 18pt) WCAG AA ✓ Pass

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

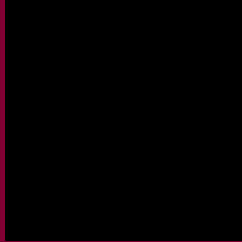
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 44.7980, 3.5506, 74.7222

Background



This preview shows how black text looks on a background with the YUV color 44.7980, 3.5506, 74.7222.



This preview shows how white text looks on a background with the YUV color 44.7980, 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

44.7980, 3.5506, 74.7222

Protanopia

66.8410, 4.5154, -1.6146

Deuteranopia

66.7320, -10.2209, 11.6360



Tritanopia

53.1780, -16.3568, 66.4959

Trichromacy



Original Color

44.7980, 3.5506, 74.7222

Protanomaly

58.9030, 3.9918, 26.3951

Deuteranomaly

58.8410, -5.3446, 34.3424

Tritanomaly

49.8500, -8.8001, 69.4146

Monochromacy



Original Color

44.7980, 3.5506, 74.7222

Achromatopsia

45.0000, 0.0000, 0.0000

Achromatomaly

45.2190, 1.3710, 26.9949

CSS Examples

Text

The CSS property to change the color of the text to YUV 44.7980, 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(130, 0, 52)` looks like.

```
.text, #text, p{  
    color:rgb(130, 0, 52)  
}
```

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(130, 0, 52) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(130, 0, 52) }
```

Border

The CSS property to change the border of an element to YUV 44.7980, 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(130, 0, 52) }
```


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

```
.border{ border-color:rgb(130, 0, 52) }
```

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

Here you see how a box with a 4 pixel rgb(130, 0, 52) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(130, 0, 52); -webkit-box-  
shadow:4px 4px 4px 4px rgb(130, 0, 52);  
box-shadow:4px 4px 4px 4px rgb(130, 0, 52)  
}
```

Background

The CSS property to change the background color of an element to YUV 44.7980, 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(130, 0, 52) }
```

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

```
.background{ background-color: rgb(130, 0,  
52) }
```

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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