

Converting Colors

YUV(44.9890, 17.2604, 64.0306)

Have a look what the booklet for
YUV(44.9890, 17.2604, 64.0306)
contains.

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Color

**YUV(44.9890, 17.2604,
64.0306)**

Conversions

Conversions Part 1

Format	Color
Hex	760150
RGB	118, 1, 80
RGB Percent	46%, 0%, 31%
CMY	0.5373, 0.9961, 0.6863
CMYK	0.00, 0.99, 0.32, 0.54
HSL	319°, 98%, 23%
HSV	319°, 99%, 46%
XYZ	8.9300, 4.4524, 7.9782
YIQ	44.9890, 44.3730, 49.3730

Conversions

Conversions Part 2

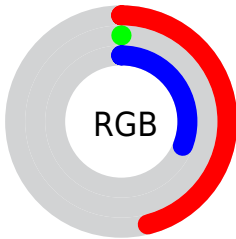
Format	Color
R_{YB}	118, 1, 80
Decimal	7733584
CIE Lab	25.11, 50.09, -12.80
CIE LCh	25, 51.699, 345.660
Yxy	4.4524, 0.4181, 0.2084
Android (android.graphics.Color)	4285923664 (0xFF760150)
YUV	44.9890, 17.2604, 64.0306
Hunter-Lab	21.1008, 38.6162, -7.6468

Details

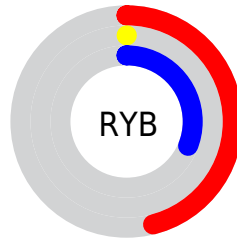
The YUV color **44.9890, 17.2604, 64.0306** is a dark color, and the websafe version is hex **990066**. A complement of this color would be **74.0110, -17.2604, -64.0306**, and the grayscale version is **45.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **106.0610, 11.3089, 59.5825**, and **23.4250, 5.7065, 36.4613** is the 20% darker color. If you saturate the color by 10%, you get **44.4020, 17.5498, 64.5454**, and if you desaturate by 10%, it is **52.4890, 15.5349, 57.4531**.

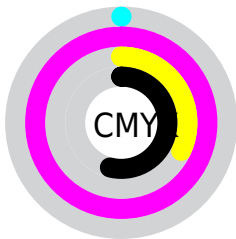
Distribution



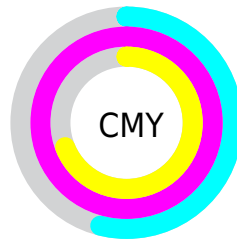
- Red (46%)
- Green (0%)
- Blue (31%)



- Red (46%)
- Yellow (0%)
- Blue (31%)



- Cyan (0%)
- Magenta (99%)
- Yellow (32%)
- Black (54%)



- Cyan (54%)
- Magenta (100%)
- Yellow (69%)

Brightness & Saturation Gradients

These gradients show how the YUV color 44.9890, 17.2604, 64.0306 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 44.9890, 17.2604, 64.0306 by changing the saturation by 10% instead.

44.9890, 17.2604,
64.0306

44.9890, 17.2604,
64.0306

255.0000, 0.0000,
0.0000

33.7070, 11.4834,
50.2460

106.0610, 11.3089,
59.5825

23.4250, 5.7065,
36.4613

133.5450, 10.5773,
60.9120

13.3280, -0.6547,
23.3913

161.1430, 10.2825,
62.1416


0.0000, 0.0000,
0.0000


187.0610, 11.3089,
59.5825


206.6890, 15.4363,
42.3687


225.0630, 14.7589,


26.2547


 242.0860, 6.3666,
11.3256


 44.9890, 17.2604,
64.0306


 44.9890, 17.2604,
64.0306


 44.4020, 17.5498,
64.5454

 52.4890, 15.5349,
57.4531

 59.9890, 13.8094,
50.8756

 66.7880, 11.9365,
44.9129

 74.2880, 10.2110,
38.3354

 81.7880, 8.4855,
31.7579

■ 89.2880, 6.7600,
25.1804

■ 96.7880, 5.0345,
18.6029

■ 103.7010, 3.5984,
12.5402

■ 111.0870, 1.4361,
6.0627

Harmonies

Analogous

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



59.6570, 27.2841, 22.2258



44.9890, 17.2604, 64.0306



42.3480, -0.6646, 73.3628

Triad

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



44.9890, 17.2604, 64.0306



54.0130, -26.6284, 0.8656



57.1350, 28.5274, -50.1074

Complementary

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



44.9890, 17.2604, 64.0306



74.0110, -17.2604, -64.0306

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.



53.7320, 12.9501, -47.1230



44.9890, 17.2604, 64.0306



41.6770, -20.5468, -36.5507

Square

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



44.9890, 17.2604, 64.0306



56.5480, -27.8782, 28.4604



48.4710, -4.6692, -42.5091



56.5940, 39.1472, -49.6329

Rectangle

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



44.9890, 17.2604, 64.0306



48.8570, -16.1985, 62.3924



48.4710, -4.6692, -42.5091



55.9950, 24.1595, -49.1076

Sweetspot

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



44.9890, 17.2604, 64.0306



124.2880, 6.7600, 25.1804



25.4010, 45.6513, 11.0493



59.5380, 4.1718, 15.3142



204.0000, 0.0000, 0.0000



77.0000, 0.0000, 0.0000

Same Dimension

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



44.9890, 17.2604, 64.0306



57.4890, 22.4369, 83.7631



38.3770, -8.0739, 69.8294



55.2500, 0.8628, 3.2888



45.9400, 18.2706, 66.7046



94.0160, 36.9671, 136.7980

Inverse Universe

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



44.9890, 17.2604, 64.0306



57.4890, 22.4369, 83.7631



80.6230, 8.0739, -69.8294



55.2500, 0.8628, 3.2888



45.9400, 18.2706, 66.7046



94.0160, 36.9671, 136.7980

Previews

White Background



This preview shows how the YUV color 44.9890, 17.2604, 64.0306 looks on a white background.

Color Contrast Check

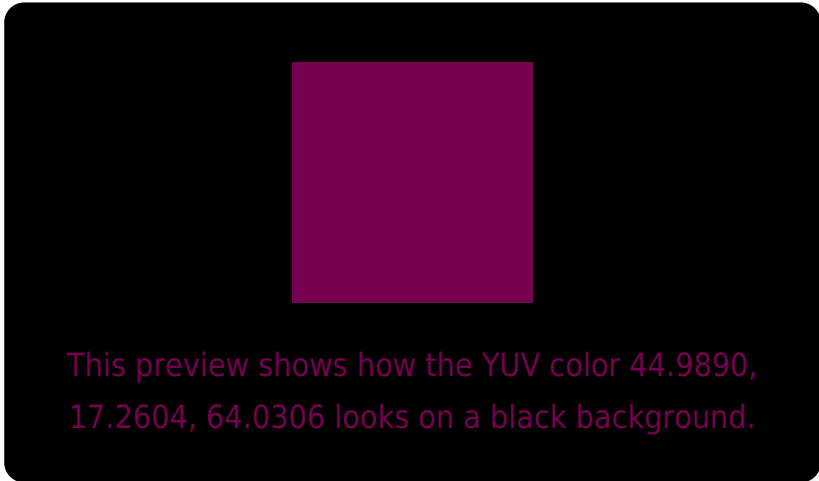
Large Text (above 18pt) WCAG AA ✓ Pass

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

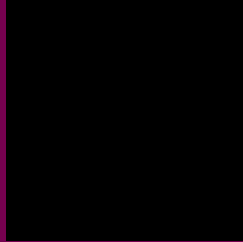
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 44.9890, 17.2604, 64.0306

Background



This preview shows how black text looks on a background with the YUV color 44.9890, 17.2604, 64.0306.



This preview shows how white text looks on a background with the YUV color 44.9890, 17.2604,

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

44.9890, 17.2604, 64.0306

Protanopia

59.8660, 26.6881, -20.0535

Deuteranopia

64.0800, 5.3836, -0.0702



Tritanopia

56.9310, -11.7980, 50.9265

Trichromacy



Original Color

44.9890, 17.2604, 64.0306

Protanomaly

54.2550, 23.5383, 10.3004

Deuteranomaly

57.3740, 9.6756, 23.3510

Tritanomaly

52.7110, -1.3365, 55.5045

Monochromacy



Original Color

44.9890, 17.2604, 64.0306

Achromatopsia

45.0000, 0.0000, 0.0000

Achromatomaly

45.1630, 6.3286, 23.5360

CSS Examples

Text

The CSS property to change the color of the text to YUV 44.9890, 17.2604, 64.0306 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(118, 1, 80)` looks like.

```
.text, #text, p{  
    color:rgb(118, 1, 80)  
}
```

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(118, 1, 80) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(118, 1, 80) }
```

Border

The CSS property to change the border of an element to YUV 44.9890, 17.2604, 64.0306 is called "border". The border property can be set on classes, ids or directly on the HTML element.

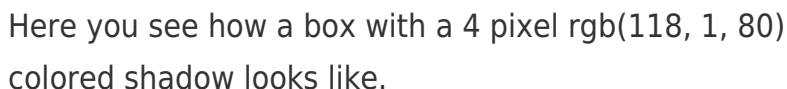
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(118, 1, 80) }
```


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

```
.border{ border-color:rgb(118, 1, 80) }
```

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



Here you see how a box with a 4 pixel `rgb(118, 1, 80)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(118, 1, 80); -webkit-box-  
shadow:4px 4px 4px 4px rgb(118, 1, 80);  
box-shadow:4px 4px 4px 4px rgb(118, 1, 80)  
}
```

Background

The CSS property to change the background color of an element to YUV 44.9890, 17.2604, 64.0306 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(118, 1, 80) }
```

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

```
.background{ background-color: rgb(118, 1,  
80) }
```

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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