

Converting Colors

YUV(44.7460, 12.4502, 66.8748)

Have a look what the booklet for
YUV(44.7460, 12.4502, 66.8748)
contains.

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Color

**YUV(44.7460, 12.4502,
66.8748)**

Conversions

Conversions Part 1

Format	Color
Hex	790146
RGB	121, 1, 70
RGB Percent	47%, 0%, 27%
CMY	0.5255, 0.9961, 0.7255
CMYK	0.00, 0.99, 0.42, 0.53
HSL	326°, 98%, 24%
HSV	326°, 99%, 47%
XYZ	9.0015, 4.5289, 6.1941
YIQ	44.7460, 49.3710, 46.8990

Conversions

Conversions Part 2

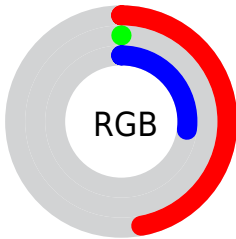
Format	Color
RYB	121, 1, 70
Decimal	7930182
CIELab	25.35, 49.69, -5.63
CIElCh	25, 50.003, 353.536
Yxy	4.5289, 0.4564, 0.2296
Android (android.graphics.Color)	4286120262 (0xFF790146)
YUV	44.7460, 12.4502, 66.8748
Hunter-Lab	21.2811, 38.2602, -2.3602

Details

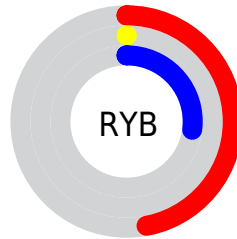
The YUV color **44.7460, 12.4502, 66.8748** is a dark color, and the websafe version is hex **660033**. A complement of this color would be **77.2540, -12.4502, -66.8748**, and the grayscale version is **45.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **106.0030, 5.9145, 63.1414**, and **23.1110, 1.9173, 38.4907** is the 20% darker color. If you saturate the color by 10%, you get **44.1590, 12.7396, 67.3896**, and if you desaturate by 10%, it is **52.3600, 11.1615, 60.1973**.

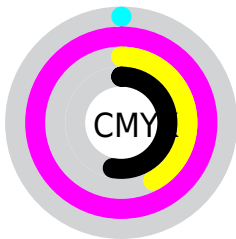
Distribution



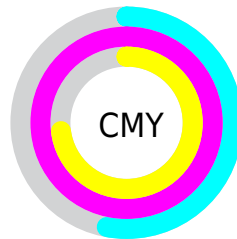
- Red (47%)
- Green (0%)
- Blue (27%)



- Red (47%)
- Yellow (0%)
- Blue (27%)



- Cyan (0%)
- Magenta (99%)
- Yellow (42%)
- Black (53%)



- Cyan (53%)
- Magenta (100%)
- Yellow (73%)

Brightness & Saturation Gradients

These gradients show how the YUV color 44.7460, 12.4502, 66.8748 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 44.7460, 12.4502, 66.8748 by changing the saturation by 10% instead.

■ 44.7460, 12.4502,
66.8748

■ 44.7460, 12.4502,
66.8748

255.0000, 0.0000,
0.0000

■ 33.5780, 7.1100,
52.9901

■ 106.0030, 5.9145,
63.1414

■ 23.1110, 1.9173,
38.4907

■ 133.4870, 5.1829,
64.4709

■ 12.6720, -5.7543,
25.7207

■ 160.9710, 4.4513,
65.8004

■ 0.0000, 0.0000,
0.0000


■ 185.6930, 6.0674,
60.7822


■ 205.3210, 10.1947,
43.5685


■ 225.5360, 14.0328,


25.8399

 242.6730, 6.0772,
10.8108

 44.7460, 12.4502,
66.8748


 44.7460, 12.4502,
66.8748

 44.1590, 12.7396,
67.3896

 52.3600, 11.1615,
60.1973

 59.9740, 9.8728,
53.5198

 67.5880, 8.5841,
46.8423

 75.3160, 7.7322,
40.0649

 82.9300, 6.4435,
33.3874

■ 91.1310, 4.8654,
26.1951

■ 98.7450, 3.5767,
19.5176

■ 106.3590, 2.2880,
12.8402

■ 113.9730, 0.9993,
6.1627

Harmonies

Analogous

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



58.9850, 23.1784, 32.4622



44.7460, 12.4502, 66.8748



45.8220, -6.3212, 67.6851

Triad

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



44.7460, 12.4502, 66.8748



53.3820, -26.3173, -5.5970



57.2320, 31.4376, -50.1925

Complementary

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



44.7460, 12.4502, 66.8748



77.2540, -12.4502, -66.8748

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.



54.8720, 17.3181, -48.1227



44.7460, 12.4502, 66.8748



43.6490, -18.0680, -38.2802

Square

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



44.7460, 12.4502, 66.8748



57.3900, -28.2933, 21.5830



49.7250, 0.1356, -43.6088



55.4200, 39.7259, -48.6033

Rectangle

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



44.7460, 12.4502, 66.8748



52.0920, -22.7234, 55.1703



49.7250, 0.1356, -43.6088



56.7930, 27.2171, -49.8075

Sweetspot

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



44.7460, 12.4502, 66.8748



128.1310, 4.8654, 26.1951



29.6300, 45.0454, 18.7415



61.1960, 2.8614, 15.6141



207.0000, 0.0000, 0.0000



79.0000, 0.0000, 0.0000

Same Dimension

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



44.7460, 12.4502, 66.8748



57.6160, 16.4583, 88.0368



38.0200, -13.3209, 72.7735



57.2500, 0.8628, 3.2887



45.5830, 13.0236, 69.6487



91.8780, 26.1891, 140.4270

Inverse Universe

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



44.7460, 12.4502, 66.8748



57.6160, 16.4583, 88.0368



83.9800, 13.3209, -72.7735



57.2500, 0.8628, 3.2887



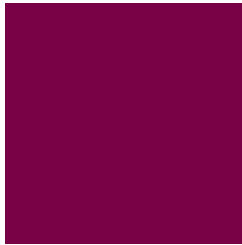
45.5830, 13.0236, 69.6487



91.8780, 26.1891, 140.4270

Previews

White Background



This preview shows how the YUV color 44.7460, 12.4502, 66.8748 looks on a white background.

Color Contrast Check

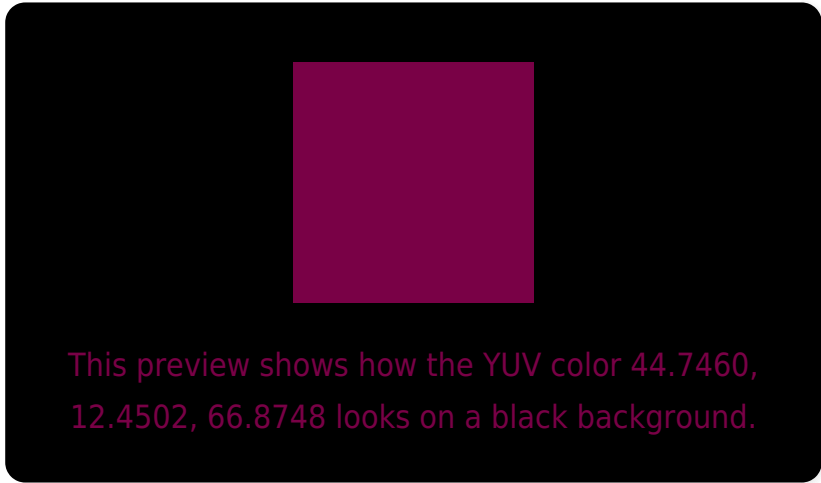
Large Text (above 18pt) WCAG AA ✓ Pass

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

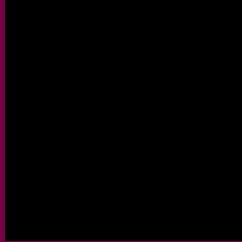
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 44.7460, 12.4502, 66.8748

Background



This preview shows how black text looks on a background with the YUV color 44.7460, 12.4502, 66.8748.



This preview shows how white text looks on a background with the YUV color 44.7460, 12.4502,

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

44.7460, 12.4502, 66.8748

Protanopia

62.5590, 18.9514, -11.8912

Deuteranopia

64.4350, 0.2785, 4.0035



Tritanopia

55.2090, -13.4140, 55.9447

Trichromacy



Original Color

44.7460, 12.4502, 66.8748

Protanomaly

56.1650, 16.6807, 16.5183

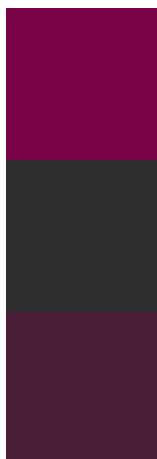
Deuteranomaly

57.4300, 4.7180, 26.8099

Tritanomaly

51.3480, -4.1156, 60.2078

Monochromacy



Original Color

44.7460, 12.4502, 66.8748

Achromatopsia

45.0000, 0.0000, 0.0000

Achromatomaly

45.0060, 4.4340, 24.5507

CSS Examples

Text

The CSS property to change the color of the text to YUV 44.7460, 12.4502, 66.8748 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(121, 1, 70)` looks like.

```
.text, #text, p{  
    color:rgb(121, 1, 70)  
}
```

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(121, 1, 70) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(121, 1, 70) }
```

Border

The CSS property to change the border of an element to YUV 44.7460, 12.4502, 66.8748 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(121, 1, 70) }
```


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

```
.border{ border-color:rgb(121, 1, 70) }
```

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

Here you see how a box with a 4 pixel `rgb(121, 1, 70)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(121, 1, 70); -webkit-box-  
shadow:4px 4px 4px 4px rgb(121, 1, 70);  
box-shadow:4px 4px 4px 4px rgb(121, 1, 70)  
}
```

Background

The CSS property to change the background color of an element to YUV 44.7460, 12.4502, 66.8748 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(121, 1, 70) }
```

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

```
.background{ background-color: rgb(121, 1,  
70) }
```

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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