

Converting Colors

YUV(7.6490, 12.4980, 4.6928)

Have a look what the booklet for
YUV(7.6490, 12.4980, 4.6928)
contains.

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Color

**YUV(7.6490, 12.4980,
4.6928)**

Conversions

Conversions Part 1

Format	Color
Hex	0D0021
RGB	13, 0, 33
RGB Percent	5%, 0%, 13%
CMY	0.9490, 1.0000, 0.8706
CMYK	0.61, 1.00, 0.00, 0.87
HSL	264°, 100%, 6%
HSV	264°, 100%, 13%
XYZ	0.4405, 0.1954, 1.4533
YIQ	7.6490, -2.8450, 13.0190

Conversions

Conversions Part 2

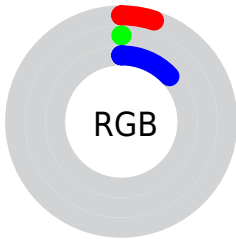
Format	Color
RYB	13, 0, 33
Decimal	852001
CIELab	1.76, 10.44, -16.81
CIELCh	2, 19.790, 301.832
Yxy	0.1954, 0.2108, 0.0935
Android (android.graphics.Color)	4279042081 (0xFF0D0021)
YUV	7.6490, 12.4980, 4.6928
Hunter-Lab	4.4201, 10.0537, -16.4007

Details

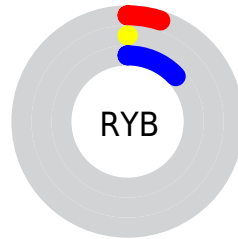
The YUV color **7.6490, 12.4980, 4.6928** is a dark color, and the websafe version is hex **000033**. A complement of this color would be **25.3510, -12.4980, -4.6928**, and the grayscale version is **8.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **53.3990, 11.6353, 1.4041**, and **0.0000, 0.0000, 0.0000** is the 20% darker color. If you saturate the color by 10%, you get **7.6490, 12.4980, 4.6928**, and if you desaturate by 10%, it is **10.0080, 11.3351, 4.3780**.

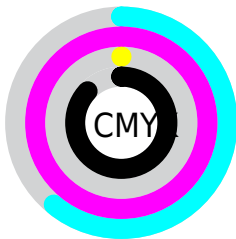
Distribution



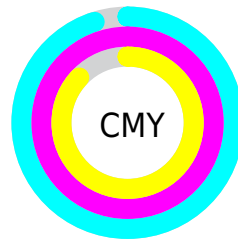
- Red (5%)
- Green (0%)
- Blue (13%)



- Red (5%)
- Yellow (0%)
- Blue (13%)



- Cyan (61%)
- Magenta (100%)
- Yellow (0%)
- Black (87%)



- Cyan (95%)
- Magenta (100%)
- Yellow (87%)

Brightness & Saturation Gradients

These gradients show how the YUV color 7.6490, 12.4980, 4.6928 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 7.6490, 12.4980, 4.6928 by changing the saturation by 10% instead.

■ 7.6490, 12.4980,
4.6928

■ 7.6490, 12.4980,
4.6928

■ 232.5950, 11.0457,
3.8632

■ 0.6840, 2.6208,
-0.5999

■ 53.3990, 11.6353,
1.4041

■ 0.0000, 0.0000,
0.0000

■ 75.9260, 12.3615,
1.8189

■ 100.0400, 12.7983,
1.7189

■ 125.1540, 13.2351,
1.6189

■ 150.9800, 13.8139,
2.6485

■ 177.6810, 13.9613,

2.0338

■ 205.2080, 14.6875,
2.4486

■ 7.6490, 12.4980,
4.6928

■ 10.0080, 11.3351,
4.3780

■ 12.9540, 9.8827,
3.5483

■ 15.3130, 8.7197,
3.2335

■ 17.6720, 7.5567,
2.9187

■ 20.6180, 6.1043,
2.0890

■ 22.9770, 4.9413,
1.7742

■ 25.3360, 3.7784,
1.4593

■ 27.6950, 2.6154,
1.1445

■ 30.6410, 1.1630,
0.3148

Harmonies

Analogous

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



8.9140, 13.8464, -7.8176



7.6490, 12.4980, 4.6928



11.4070, 6.2083, 15.4291

Triad

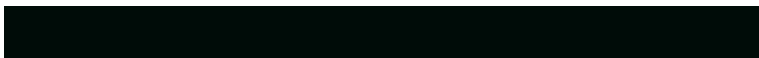
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



7.6490, 12.4980, 4.6928



7.7740, -3.8326, 15.9842



7.9560, 0.0217, -6.9774

Complementary

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



7.6490, 12.4980, 4.6928



25.3510, -12.4980, -4.6928

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.



7.0440, -3.4727, -6.1776



7.6490, 12.4980, 4.6928



6.5010, -3.2050, 1.3146

Square

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



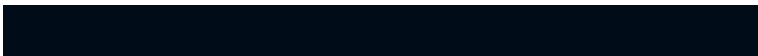
7.6490, 12.4980, 4.6928



10.1660, -5.0118, 20.9024



7.0440, -3.4727, -6.1776



10.4810, 7.1579, -9.1918

Rectangle

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



7.6490, 12.4980, 4.6928



12.0610, 0.9559, 20.1175



7.0440, -3.4727, -6.1776

Sweetspot

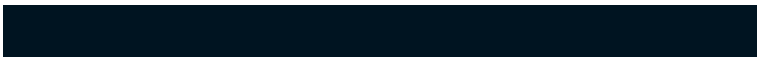
The Sweet Spot groups the original color and five complimentary colors.



7.6490, 12.4980, 4.6928



32.9770, 4.9413, 1.7742



15.5020, 8.6265, -13.5953



16.8090, 3.0522, 1.0445



150.0000, 0.0000, 0.0000



23.0000, 0.0000, 0.0000

Same Dimension

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



7.6490, 12.4980, 4.6928



9.9850, 16.2764, 6.1522



12.4330, 10.1395, 14.5293



14.1140, 0.4368, -0.1000



18.2750, 29.9374, 11.1598



47.8170, 78.4772, 29.1015

Inverse Universe

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



12.1470, 3.8715, 18.2881



15.8210, 5.0182, 23.8360



20.5670, -10.1395, -14.5293



14.4130, 0.2894, 0.5148



29.0930, 9.3212, 43.7684



76.1430, 24.0865, 114.7616

Previews

White Background



This preview shows how the YUV color 7.6490, 12.4980, 4.6928 looks on a white background.

Color Contrast Check

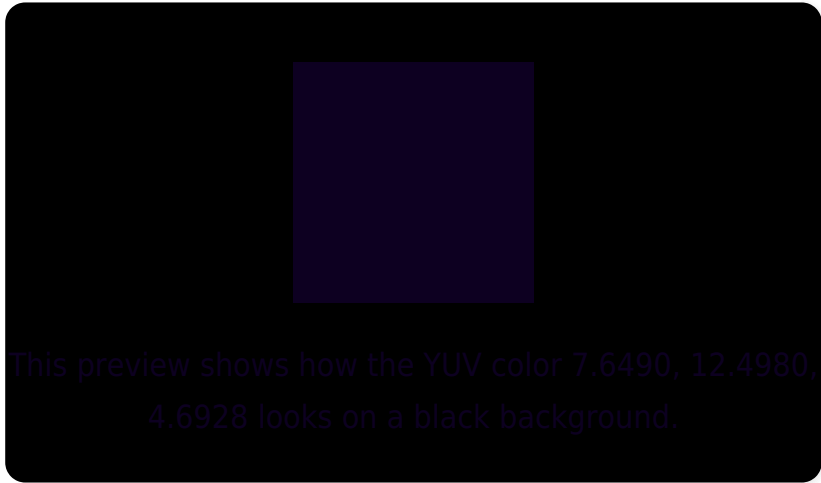
Large Text (above 18pt) WCAG AA ✓ Pass

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

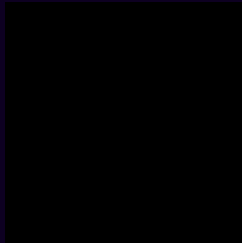
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 7.6490, 12.4980, 4.6928

Background



This preview shows how black text looks on a background with the YUV color 7.6490, 12.4980, 4.6928.



This preview shows how white text looks on a background with the YUV color 7.6490, 12.4980,

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



Protanopia

9.1930, 7.2999, -8.0623

Deuteranopia

9.3240, 5.2633, -8.1771

Tritanopia

10.1240, 1.9109, -6.2477

Trichromacy



Protanomaly

8.6820, 9.0308, -3.2291

Deuteranomaly

9.0410, 7.8678, -3.5440

Tritanomaly

9.1830, 5.8258, -1.9145

Monochromacy



Achromatopsia

8.0000, 0.0000, 0.0000

Achromatomaly

7.8630, 4.5045, 1.8741

CSS Examples

Text

The CSS property to change the color of the text to YUV 7.6490, 12.4980, 4.6928 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(13, 0, 33)` looks like.

```
.text, #text, p{  
    color:rgb(13, 0, 33)  
}
```

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(13, 0, 33) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(13, 0, 33) }
```

Border

The CSS property to change the border of an element to YUV 7.6490, 12.4980, 4.6928 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(13, 0, 33) }
```

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

```
.border{ border-color:rgb(13, 0, 33) }
```

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

Here you see how a box with a 4 pixel `rgb(13, 0, 33)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(13, 0, 33); -webkit-box-shadow:4px  
4px 4px 4px rgb(13, 0, 33); box-shadow:4px  
4px 4px 4px rgb(13, 0, 33) }
```


Background

The CSS property to change the background color of an element to YUV 7.6490, 12.4980, 4.6928 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(13, 0, 33) }
```

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

```
.background{ background-color: rgb(13, 0,  
33) }
```

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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