

Converting Colors

YUV(33.2690, 32.4054, 12.9191)

Have a look what the booklet for
YUV(33.2690, 32.4054, 12.9191)
contains.

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Color

**YUV(33.2690, 32.4054,
12.9191)**

Conversions

Conversions Part 1

Format	Color
Hex	300D63
RGB	48, 13, 99
RGB Percent	19%, 5%, 39%
CMY	0.8118, 0.9490, 0.6118
CMYK	0.52, 0.87, 0.00, 0.61
HSL	264°, 77%, 22%
HSV	264°, 87%, 39%
XYZ	3.6150, 1.8171, 11.9646
YIQ	33.2690, -6.7460, 34.1660

Conversions

Conversions Part 2

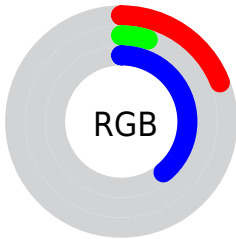
Format	Color
RYB	48, 13, 99
Decimal	3149155
CIELab	14.50, 36.70, -43.21
CIELCh	14, 56.695, 310.338
Yxy	1.8171, 0.2078, 0.1044
Android (android.graphics.Color)	4281339235 (0xFF300D63)
YUV	33.2690, 32.4054, 12.9191
Hunter-Lab	13.4799, 24.2795, -43.1891

Details

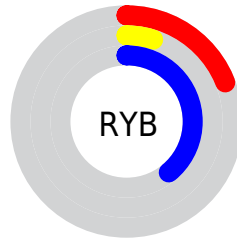
The YUV color **33.2690, 32.4054, 12.9191** is a dark color, and the websafe version is hex **330066**. A complement of this color would be **78.7310, -32.4054, -12.9191**, and the grayscale version is **33.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **82.9210, 33.5629, 14.9783**, and **5.8140, 22.2767, -5.0989** is the 20% darker color. If you saturate the color by 10%, you get **25.6050, 36.1837, 14.3784**, and if you desaturate by 10%, it is **40.9330, 28.6270, 11.4598**.

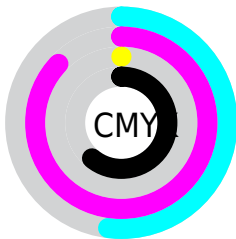
Distribution



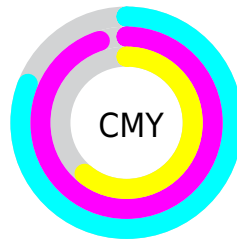
- Red (19%)
- Green (5%)
- Blue (39%)



- Red (19%)
- Yellow (5%)
- Blue (39%)



- Cyan (52%)
- Magenta (87%)
- Yellow (0%)
- Black (61%)



- Cyan (81%)
- Magenta (95%)
- Yellow (61%)

Brightness & Saturation Gradients

These gradients show how the YUV color 33.2690, 32.4054, 12.9191 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 33.2690, 32.4054, 12.9191 by changing the saturation by 10% instead.

■ 33.2690, 32.4054,
12.9191

■ 33.2690, 32.4054,
12.9191

■ 249.7170, 2.6045,
4.6332

■ 14.8290, 29.6643,
5.4120

■ 82.9210, 33.5629,
14.9783

■ 5.8140, 22.2767,
-5.0989

■ 108.1600, 34.4311,
16.5227

■ 4.4800, 12.0884,
-3.9290

■ 134.1000, 35.4467,
17.4523


■ 0.0000, 0.0000,
0.0000


■ 160.9260, 36.0255,
18.4819


■ 187.2530, 33.3993,
20.8261


■ 212.3600, 21.0215,


24.2403


 233.2810, 10.7075,
19.0476


 33.2690, 32.4054,
12.9191


 33.2690, 32.4054,
12.9191


 25.6050, 36.1837,
14.3784


 40.9330, 28.6270,
11.4598

 23.2460, 37.3467,
14.6933

 48.5970, 24.8487,
10.0004

 56.2610, 21.0703,
8.5411

 63.6260, 17.4394,
6.4670

 71.2900, 13.6610,
5.0077

■ 78.3670, 10.1721,
4.0631

■ 86.0310, 6.3937,
2.6038

■ 93.6950, 2.6154,
1.1445

■ 101.3590, -1.1630,
-0.3148

Harmonies

Analogous

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



36.3450, 40.2559, -31.8746



33.2690, 32.4054, 12.9191



34.2060, 14.6884, 48.9313

Triad

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



33.2690, 32.4054, 12.9191



34.1210, -16.8217, 28.8349



36.2240, 6.7916, -31.7684

Complementary

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



33.2690, 32.4054, 12.9191



78.7310, -32.4054, -12.9191

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.



29.6920, -13.1592, -26.0399



33.2690, 32.4054, 12.9191



33.6460, -16.5875, 0.3105

Square

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



33.2690, 32.4054, 12.9191



26.9100, -13.2666, 55.3299



27.5890, -13.6014, -24.1956



40.0830, 24.1161, -35.1528

Rectangle

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



33.2690, 32.4054, 12.9191



34.2320, 1.8576, 57.6785



27.5890, -13.6014, -24.1956



34.0410, 0.9658, -29.8540

Sweetspot

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



33.2690, 32.4054, 12.9191



102.0620, 12.7874, 5.2076



53.3280, 22.5163, -35.3677



48.6720, 7.5567, 2.9187



191.0000, 0.0000, 0.0000



64.0000, 0.0000, 0.0000

Same Dimension

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



33.2690, 32.4054, 12.9191



30.1400, 48.2450, 19.1712



45.8270, 26.2143, 38.7397



45.0540, 1.4524, 0.8296



26.5220, 42.1407, 17.0822



56.6620, 90.3856, 36.2534

Inverse Universe

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



44.5280, 9.5997, 47.7719



46.9360, 14.3286, 71.0931



66.1730, -26.2143, -38.7397



45.4240, 0.2840, 2.2592



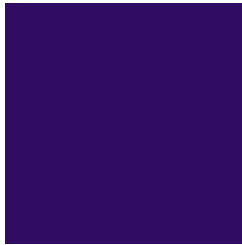
41.1260, 12.7559, 62.1565



87.9480, 26.6476, 133.3496

Previews

White Background



This preview shows how the YUV color 33.2690, 32.4054, 12.9191 looks on a white background.

Color Contrast Check

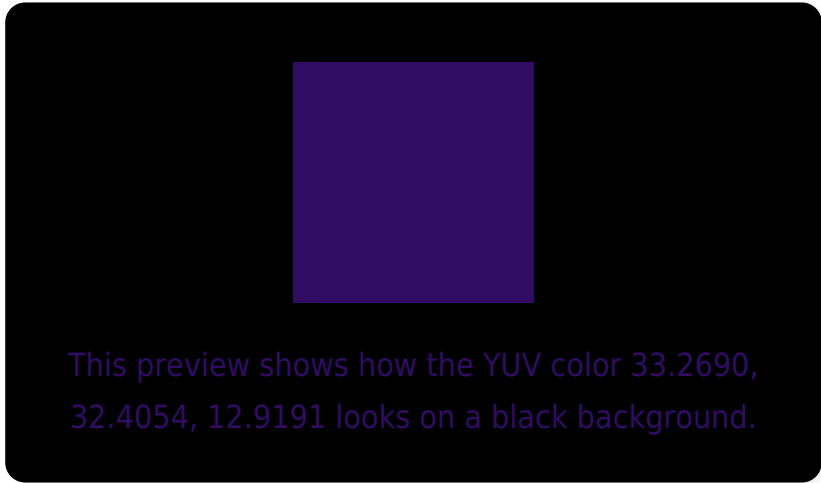
Large Text (above 18pt) WCAG AA ✓ Pass

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

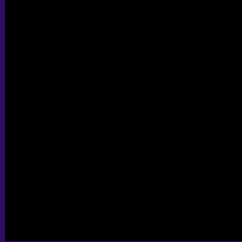
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 33.2690, 32.4054, 12.9191

Background



This preview shows how black text looks on a background with the YUV color 33.2690, 32.4054, 12.9191.



This preview shows how white text looks on a background with the YUV color 33.2690, 32.4054,

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

33.2690, 32.4054, 12.9191

Protanopia

30.6110, 23.3628, -26.8458

Deuteranopia

31.1180, 17.6898, -27.2905



Tritanopia

37.6510, 2.6371, -5.8329

Trichromacy



Original Color

33.2690, 32.4054, 12.9191

Protanomaly

31.3230, 26.9558, -12.5613

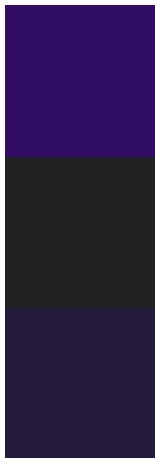
Deuteranomaly

31.6990, 23.3194, -12.8910

Tritanomaly

35.8550, 13.3825, 1.0042

Monochromacy



Original Color

33.2690, 32.4054, 12.9191

Achromatopsia

33.0000, 0.0000, 0.0000

Achromatomaly

33.1220, 11.7719, 4.2780

CSS Examples

Text

The CSS property to change the color of the text to YUV 33.2690, 32.4054, 12.9191 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(48, 13, 99)` looks like.

```
.text, #text, p{  
    color:rgb(48, 13, 99)  
}
```

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(48, 13, 99) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(48, 13, 99) }
```

Border

The CSS property to change the border of an element to YUV 33.2690, 32.4054, 12.9191 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(48, 13, 99) }
```


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

```
.border{ border-color:rgb(48, 13, 99) }
```

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

Here you see how a box with a 4 pixel rgb(48, 13, 99) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(48, 13, 99); -webkit-box-  
shadow:4px 4px 4px 4px rgb(48, 13, 99);  
box-shadow:4px 4px 4px 4px rgb(48, 13, 99)  
}
```

Background

The CSS property to change the background color of an element to YUV 33.2690, 32.4054, 12.9191 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(48, 13, 99) }
```

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

```
.background{ background-color: rgb(48, 13,  
99) }
```

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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