

Converting Colors

YUV(69.7450, 16.8877, -3.2844)

Have a look what the booklet for
YUV(69.7450, 16.8877, -3.2844)
contains.

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Color

**YUV(69.7450, 16.8877,
-3.2844)**

Conversions

Conversions Part 1

Format	Color
Hex	424168
RGB	66, 65, 104
RGB Percent	26%, 25%, 41%
CMY	0.7412, 0.7451, 0.5922
CMYK	0.37, 0.38, 0.00, 0.59
HSL	242°, 23%, 33%
HSV	242°, 38%, 41%
XYZ	6.6358, 5.9383, 13.8932
YIQ	69.7450, -11.9230, 12.3410

Conversions

Conversions Part 2

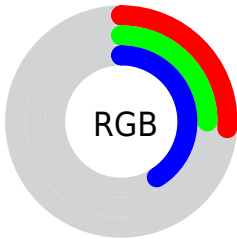
Format	Color
R _{YB}	66, 65, 104
Decimal	4342120
CIE Lab	29.26, 10.81, -22.66
CIE LCh	29, 25.107, 295.509
Yxy	5.9383, 0.2507, 0.2244
Android (android.graphics.Color)	4282532200 (0xFF424168)
YUV	69.7450, 16.8877, -3.2844
Hunter-Lab	24.3687, 5.9616, -16.7446

Details

The YUV color **69.7450, 16.8877, -3.2844** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **99.2550, -16.8877, 3.2844**, and the grayscale version is **70.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **118.3860, 18.0507, -2.9695**, and **25.6800, 15.4408, -5.8584** is the 20% darker color. If you saturate the color by 10%, you get **60.8850, 21.2557, -4.2841**, and if you desaturate by 10%, it is **78.6050, 12.5197, -2.2846**.

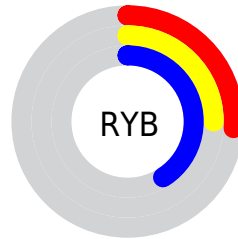
Distribution



Red (26%)

Green (25%)

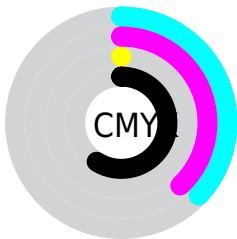
Blue (41%)



Red (26%)

Yellow (25%)

Blue (41%)

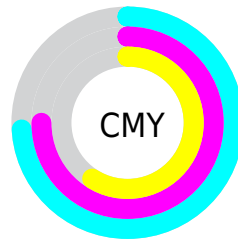


Cyan (37%)

Magenta (38%)

Yellow (0%)

Black (59%)



Cyan (74%)

Magenta (75%)

Yellow (59%)

Brightness & Saturation Gradients

These gradients show how the YUV color 69.7450, 16.8877, -3.2844 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 69.7450, 16.8877, -3.2844 by changing the saturation by 10% instead.

■ 69.7450, 16.8877,
-3.2844

■ 69.7450, 16.8877,
-3.2844

■ 255.0000, 0.0000,
0.0000

■ 47.2180, 16.1615,
-3.6992

■ 118.3860, 18.0507,
-2.9695

■ 25.6800, 15.4408,
-5.8584

■ 143.9130, 18.7769,
-2.5547

■ 3.9900, 15.2879,
-3.4992

■ 170.4400, 19.5031,
-2.1399

■ 1.1400, 4.3680,
-0.9998

■ 198.4400, 19.5031,
-2.1399

■ 0.0000, 0.0000,
0.0000

■ 224.5990, 14.9877,
-0.5253

■ 250.2930, 2.3206,

2.3740

■ 69.7450, 16.8877,
-3.2844

■ 69.7450, 16.8877,
-3.2844

■ 60.8850, 21.2557,
-4.2841

■ 78.6050, 12.5197,
-2.2846

■ 51.4380, 25.9131,
-4.7691

■ 88.0520, 7.8624,
-1.7996

■ 42.5780, 30.2810,
-5.7689

■ 96.9120, 3.4944,
-0.7998

■ 32.8320, 35.0858,
-6.8687

■ 106.6580, -1.3104,
0.2999

■ 23.9720, 39.4538,
-7.8684

■ 115.5180, -5.6784,
1.2997

■ 15.1120, 43.8218,
-8.8682

■ 124.3780,
-10.0464, 2.2995

■ 12.7530, 44.9848,
-8.5534

■ 133.8250,
-14.7037, 2.7845

■ 142.6850,
-19.0717, 3.7843

■ 152.1320,
-23.7291, 4.2692

Harmonies

Analogous

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



62.8340, 21.7738, -30.5494



69.7450, 16.8877, -3.2844



71.3300, 9.6973, 16.3736

Triad

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



69.7450, 16.8877, -3.2844



68.7400, -15.6478, 25.6610



53.7830, 5.5300, -47.1677

Complementary

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



69.7450, 16.8877, -3.2844



99.2550, -16.8877, 3.2844

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.



62.7020, -8.2341, -19.0327



69.7450, 16.8877, -3.2844



67.4520, -18.9568, 13.6356

Square

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



69.7450, 16.8877, -3.2844



69.1350, -7.9546, 31.4536



65.7490, -16.1453, -1.5339



56.0630, 14.2659, -49.1673

Rectangle

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



69.7450, 16.8877, -3.2844



70.6040, 4.1392, 25.7803



65.7490, -16.1453, -1.5339



58.1930, 0.3979, -34.3723

Sweetspot

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



69.7450, 16.8877, -3.2844



122.0090, 6.4046, -0.8849



91.7520, 6.0383, -23.4615



61.0260, 3.9312, -0.8998



196.0000, 0.0000, 0.0000



69.0000, 0.0000, 0.0000

Same Dimension

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



69.7450, 16.8877, -3.2844



81.5520, 26.3499, -4.8691



75.4260, 14.0870, 8.3964



46.5700, 2.1840, -0.4999



14.0070, 49.7895, -9.6531



29.3820, 104.8207, -20.5060

Inverse Universe

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



80.9930, 10.8495, 20.1771



99.0790, 17.2161, 31.5027



93.5740, -14.0870, -8.3964



48.0650, 1.4470, 2.5740



47.1530, 31.9696, 59.5018



99.2620, 67.4118, 125.1812

Previews

White Background



This preview shows how the YUV color 69.7450, 16.8877, -3.2844 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



This preview shows how the YUV color 69.7450, 16.8877, -3.2844 looks on a 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 69.7450, 16.8877, -3.2844

Background



This preview shows how black text looks on a background with the YUV color 69.7450, 16.8877, -3.2844.



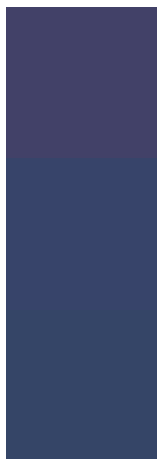
This preview shows how white text looks on a background with the YUV color 69.7450, 16.8877,

-3.2844.

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

69.7450, 16.8877, -3.2844

Protanopia

68.4450, 18.5146, -11.7913

Deuteranopia

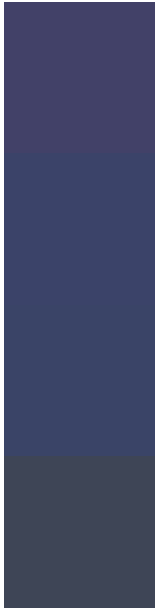
68.0920, 17.2096, -13.2357



Tritanopia

68.2810, 3.8055, -7.2624

Trichromacy



Original Color

69.7450, 16.8877, -3.2844

Protanomaly

68.9400, 17.7776, -8.7174

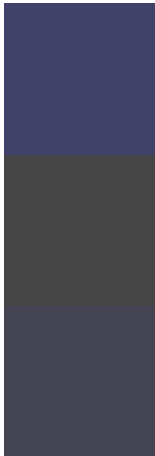
Deuteranomaly

69.0000, 16.7620, -9.6470

Tritanomaly

68.8450, 8.4574, -6.0031

Monochromacy



Original Color

69.7450, 16.8877, -3.2844

Achromatopsia

70.0000, 0.0000, 0.0000

Achromatomaly

69.8950, 5.9678, -0.7849

CSS Examples

Text

The CSS property to change the color of the text to YUV 69.7450, 16.8877, -3.2844 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(66, 65, 104)` looks like.

```
.text, #text, p{  
    color:rgb(66, 65, 104)  
}
```

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(66, 65, 104) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(66, 65, 104) }
```

Border

The CSS property to change the border of an element to YUV 69.7450, 16.8877, -3.2844 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(66, 65, 104) }
```


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

```
.border{ border-color:rgb(66, 65, 104) }
```

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

Here you see how a box with a 4 pixel `rgb(66, 65, 104)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(66, 65, 104); -webkit-box-  
shadow:4px 4px 4px 4px rgb(66, 65, 104);  
box-shadow:4px 4px 4px 4px rgb(66, 65,  
104) }
```

Background

The CSS property to change the background color of an element to YUV 69.7450, 16.8877, -3.2844 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(66, 65, 104) }
```

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

```
.background{ background-color: rgb(66, 65,  
104) }
```

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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