

Converting Colors

YUV(69.7890, 16.8660, 3.6930)

Have a look what the booklet for
YUV(69.7890, 16.8660, 3.6930)
contains.

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Color

**YUV(69.7890, 16.8660,
3.6930)**

Conversions

Conversions Part 1

Format	Color
Hex	4A3D68
RGB	74, 61, 104
RGB Percent	29%, 24%, 41%
CMY	0.7098, 0.7608, 0.5922
CMYK	0.29, 0.41, 0.00, 0.59
HSL	258°, 26%, 32%
HSV	258°, 41%, 41%
XYZ	6.9915, 5.7928, 13.8463
YIQ	69.7890, -6.0550, 16.1290

Conversions

Conversions Part 2

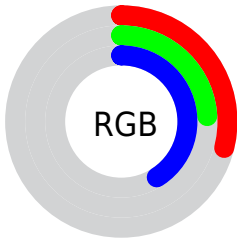
Format	Color
R_YB	74, 61, 104
Decimal	4865384
CIE _{Lab}	28.88, 16.03, -23.19
CIE _{LCh}	29, 28.193, 304.662
Yxy	5.7928, 0.2625, 0.2175
Android (android.graphics.Color)	4283055464 (0xFF4A3D68)
YUV	69.7890, 16.8660, 3.6930
Hunter-Lab	24.0683, 9.7322, -17.2614

Details

The YUV color **69.7890, 16.8660, 3.6930** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **95.2110, -16.8660, -3.6930**, and the grayscale version is **70.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **118.7290, 17.8816, 4.6227**, and **26.0230, 15.2717, 1.7338** is the 20% darker color. If you saturate the color by 10%, you get **61.8260, 20.7918, 4.5376**, and if you desaturate by 10%, it is **77.7520, 12.9403, 2.8485**.

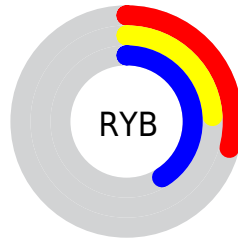
Distribution



 Red (29%)

 Green (24%)

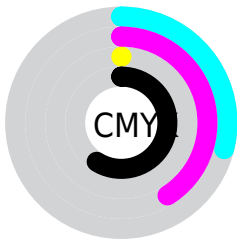
 Blue (41%)



 Red (29%)

 Yellow (24%)

 Blue (41%)

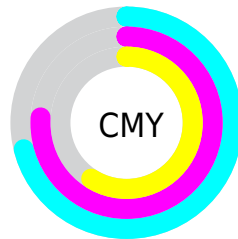


 Cyan (29%)

 Magenta (41%)

 Yellow (0%)

 Black (59%)



 Cyan (71%)

 Magenta (76%)

 Yellow (59%)

Brightness & Saturation Gradients

These gradients show how the YUV color 69.7890, 16.8660, 3.6930 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 69.7890, 16.8660, 3.6930 by changing the saturation by 10% instead.

■ 69.7890, 16.8660,
3.6930

■ 69.7890, 16.8660,
3.6930

■ 255.0000, 0.0000,
0.0000

■ 46.9630, 16.2872,
2.6634

■ 118.7290, 17.8816,
4.6227

■ 26.0230, 15.2717,
1.7338

■ 144.2560, 18.6078,
5.0375

■ 4.8870, 14.8457,
-1.6549

■ 170.7830, 19.3340,
5.4523

■ 1.1400, 4.3680,
-0.9998

■ 198.1960, 19.6234,
5.9671

■ 0.0000, 0.0000,
0.0000

■ 224.9420, 14.8186,
7.0669

■ 247.9560, 3.4727,

6.1776

■ 69.7890, 16.8660,
3.6930

■ 69.7890, 16.8660,
3.6930

■ 61.8260, 20.7918,
4.5376

■ 77.7520, 12.9403,
2.8485

■ 52.9770, 25.1543,
5.2822

■ 86.6010, 8.5777,
2.1039

■ 45.0140, 29.0801,
6.1267

■ 94.5640, 4.6519,
1.2594

■ 36.4640, 33.2952,
7.4861

■ 103.1140, 0.4368,
-0.1000

■ 28.5010, 37.2210,
8.3306

■ 111.0770, -3.4890,
-0.9445

■ 21.1250, 40.8574,
8.6604

■ 119.3390, -7.5621,
-1.1743

■ 127.8890,
-11.7773, -2.5337

■ 135.8520,
-15.7030, -3.3782

■ 144.4020,
-19.9182, -4.7376

Harmonies

Analogous

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



63.3230, 23.5048, -25.7163



69.7890, 16.8660, 3.6930



70.3310, 8.2178, 24.2657

Triad

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



69.7890, 16.8660, 3.6930



66.9310, -18.7000, 24.6165



54.4670, 8.1508, -47.7676

Complementary

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



69.7890, 16.8660, 3.6930



95.2110, -16.8660, -3.6930

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.



58.2490, -4.5598, -30.9134



69.7890, 16.8660, 3.6930



65.5610, -20.9826, 10.0320

Square

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



69.7890, 16.8660, 3.6930



68.1200, -11.8912, 34.0978



63.4170, -15.9816, -7.3817



56.2740, 17.6129, -49.3523

Rectangle

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



69.7890, 16.8660, 3.6930



69.3660, 1.7916, 32.1280



63.4170, -15.9816, -7.3817



53.5550, 4.6564, -46.9677

Sweetspot

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



69.7890, 16.8660, 3.6930



122.3190, 6.2517, 1.4742



83.5120, 10.1006, -19.7430



61.0370, 3.9258, 0.8446



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.



69.7890, 16.8660, 3.6930



81.6180, 26.3173, 5.5970



76.0680, 13.7705, 16.6034



46.8690, 2.0366, 0.1149



23.5750, 45.0725, 10.0197



49.4150, 94.9444, 20.6840

Inverse Universe

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



77.2770, 6.7654, 23.4361



93.3910, 10.6532, 36.4911



88.9320, -13.7705, -16.6034



47.8370, 0.5734, 2.7740



43.5050, 17.9920, 62.7011



91.6240, 38.1464, 131.8798

Previews

White Background



This preview shows how the YUV color 69.7890, 16.8660, 3.6930 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 69.7890, 16.8660, 3.6930 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 69.7890, 16.8660, 3.6930

Background



This preview shows how black text looks on a background with the YUV color 69.7890, 16.8660, 3.6930.



This preview shows how white text looks on a background with the YUV color 69.7890, 16.8660,

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

69.7890, 16.8660, 3.6930

Protanopia

67.3030, 20.5566, -13.4207

Deuteranopia

67.2060, 17.6464, -13.3357



Tritanopia

68.5700, 2.1840, -0.4999

Trichromacy



Original Color

69.7890, 16.8660, 3.6930

Protanomaly

68.2930, 19.0826, -7.2730

Deuteranomaly

67.8370, 17.3354, -6.8730

Tritanomaly

68.6610, 7.5621, 1.1743

Monochromacy



Original Color

69.7890, 16.8660, 3.6930

Achromatopsia

70.0000, 0.0000, 0.0000

Achromatomaly

69.9060, 5.9623, 0.9594

CSS Examples

Text

The CSS property to change the color of the text to YUV 69.7890, 16.8660, 3.6930 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(74, 61, 104)` looks like.

```
.text, #text, p{  
    color:rgb(74, 61, 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(74, 61, 104) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(74, 61, 104) }
```

Border

The CSS property to change the border of an element to YUV 69.7890, 16.8660, 3.6930 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(74, 61, 104) }
```


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

```
.border{ border-color:rgb(74, 61, 104) }
```

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

Here you see how a box with a 4 pixel `rgb(74, 61, 104)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(74, 61, 104); -webkit-box-  
shadow:4px 4px 4px 4px rgb(74, 61, 104);  
box-shadow:4px 4px 4px 4px rgb(74, 61,  
104) }
```

Background

The CSS property to change the background color of an element to YUV 69.7890, 16.8660, 3.6930 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(74, 61, 104) }
```

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

```
.background{ background-color: rgb(74, 61,  
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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