

Converting Colors

YUV(69.7630, 12.9348, 4.5928)

Have a look what the booklet for
YUV(69.7630, 12.9348, 4.5928)
contains.

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Color

**YUV(69.7630, 12.9348,
4.5928)**

Conversions

Conversions Part 1

Format	Color
Hex	4B3E60
RGB	75, 62, 96
RGB Percent	29%, 24%, 38%
CMY	0.7059, 0.7569, 0.6235
CMYK	0.22, 0.35, 0.00, 0.62
HSL	263°, 22%, 31%
HSV	263°, 35%, 38%
XYZ	6.7356, 5.7856, 11.8281
YIQ	69.7630, -3.1660, 13.3300

Conversions

Conversions Part 2

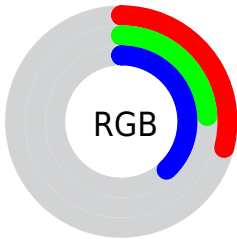
Format	Color
R_{YB}	75, 62, 96
Decimal	4931168
CIE Lab	28.87, 13.53, -18.08
CIE LCh	29, 22.576, 306.809
Yxy	5.7856, 0.2766, 0.2376
Android (android.graphics.Color)	4283121248 (0xFF4B3E60)
YUV	69.7630, 12.9348, 4.5928
Hunter-Lab	24.0533, 7.8915, -12.3181

Details

The YUV color **69.7630, 12.9348, 4.5928** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **88.2370, -12.9348, -4.5928**, and the grayscale version is **70.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **118.4040, 14.0978, 4.9077**, and **26.4100, 11.6299, 3.1484** is the 20% darker color. If you saturate the color by 10%, you get **62.0990, 16.7132, 6.0522**, and if you desaturate by 10%, it is **77.4270, 9.1565, 3.1335**.

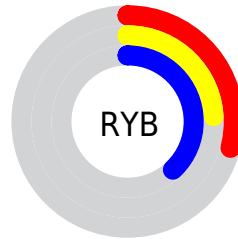
Distribution



 Red (29%)

 Green (24%)

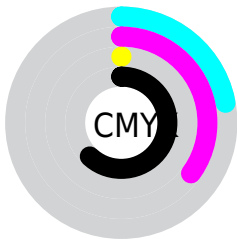
 Blue (38%)



 Red (29%)

 Yellow (24%)

 Blue (38%)

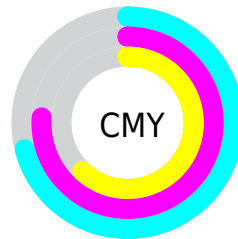


 Cyan (22%)

 Magenta (35%)

 Yellow (0%)

 Black (62%)



 Cyan (71%)

 Magenta (76%)

 Yellow (62%)

Brightness & Saturation Gradients

These gradients show how the YUV color 69.7630, 12.9348, 4.5928 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 69.7630, 12.9348, 4.5928 by changing the saturation by 10% instead.

■ 69.7630, 12.9348,
4.5928

■ 69.7630, 12.9348,
4.5928

■ 255.0000, 0.0000,
0.0000

■ 47.2360, 12.2087,
4.1780

■ 118.4040, 14.0978,
4.9077

■ 26.4100, 11.6299,
3.1484

■ 143.8170, 14.3872,
5.4225

■ 4.5020, 12.0775,
-0.4403

■ 170.3440, 15.1134,
5.8373

■ 0.0000, 0.0000,
0.0000

■ 197.7570, 15.4028,
6.3521

■ 225.5290, 14.5292,
6.5521

■ 248.5430, 3.1833,

5.6628

■ 69.7630, 12.9348,
4.5928

■ 69.7630, 12.9348,
4.5928

■ 62.0990, 16.7132,
6.0522

■ 77.4270, 9.1565,
3.1335

■ 55.0220, 20.2022,
6.9967

■ 84.5040, 5.6675,
2.1890

■ 47.3580, 23.9805,
8.4560

■ 92.1680, 1.8892,
0.7297

■ 40.2810, 27.4695,
9.4006

■ 99.2450, -1.5998,
-0.2149

■ 32.6170, 31.2478,
10.8599

■ 106.9090, -5.3781,
-1.6742

■ 24.9530, 35.0262,
12.3192

■ 114.5730, -9.1565,
-3.1335

■ 22.0070, 36.4785,
13.1489

■ 121.6500,
-12.6454, -4.0780

■ 129.0150,
-16.2764, -6.1522

■ 136.0920,
-19.7654, -7.0967

Harmonies

Analogous

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



66.0100, 18.2361, -15.7948



69.7630, 12.9348, 4.5928



70.0270, 5.9027, 20.1473

Triad

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



69.7630, 12.9348, 4.5928



67.4080, -15.4841, 19.8132



53.4070, 9.1663, -46.8379

Complementary

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



69.7630, 12.9348, 4.5928



88.2370, -12.9348, -4.5928

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.



60.9340, -3.4185, -23.6211



69.7630, 12.9348, 4.5928



66.1030, -16.3198, 7.8027

Square

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



69.7630, 12.9348, 4.5928



68.8310, -10.2697, 27.3352



64.3400, -12.4926, -6.4372



54.6440, 16.4445, -47.9228

Rectangle

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



69.7630, 12.9348, 4.5928



69.6920, 0.6448, 26.5801



64.3400, -12.4926, -6.4372



56.6100, 4.6293, -38.2460

Sweetspot

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



69.7630, 12.9348, 4.5928



114.0910, 5.3781, 1.6742



78.7900, 8.4845, -14.7248



57.2220, 3.3416, 1.5593



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.



69.7630, 12.9348, 4.5928



83.4350, 20.4915, 7.5115



74.5470, 10.5763, 14.4293



44.7550, 1.5998, 0.2149



25.6250, 42.5829, 15.2379



54.8680, 91.2701, 32.5648

Inverse Universe

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



74.5600, 4.1609, 18.8029



90.9080, 6.4544, 29.8987



83.4530, -10.5763, -14.4293



45.5380, 0.7208, 2.1592



41.3540, 13.6295, 61.9565



88.6320, 29.2684, 132.7497

Previews

White Background



This preview shows how the YUV color 69.7630, 12.9348, 4.5928 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 69.7630, 12.9348, 4.5928 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

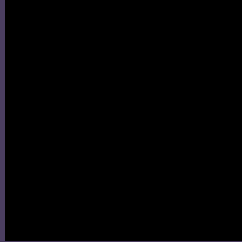
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 69.7630, 12.9348, 4.5928

Background



This preview shows how black text looks on a background with the YUV color 69.7630, 12.9348, 4.5928.



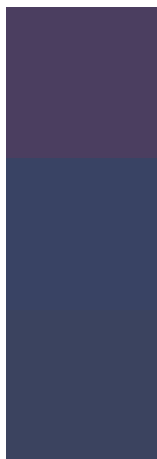
This preview shows how white text looks on a background with the YUV color 69.7630, 12.9348,

4.5928.

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

69.7630, 12.9348, 4.5928

Protanopia

67.7720, 15.8884, -9.4470

Deuteranopia

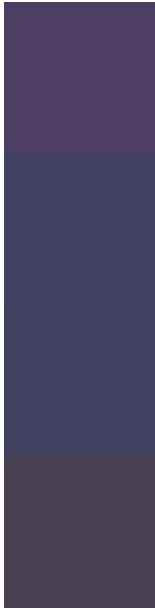
67.8000, 13.4096, -7.7176



Tritanopia

68.7660, 1.5944, 1.9592

Trichromacy



Original Color

69.7630, 12.9348, 4.5928

Protanomaly

68.5770, 14.9985, -4.0140

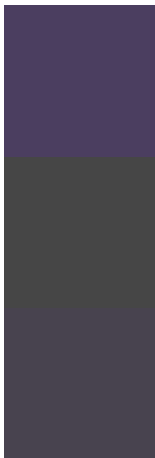
Deuteranomaly

68.4200, 13.1039, -2.9993

Tritanomaly

68.9170, 5.9569, 2.7038

Monochromacy



Original Color

69.7630, 12.9348, 4.5928

Achromatopsia

70.0000, 0.0000, 0.0000

Achromatomaly

69.8630, 4.5045, 1.8741

CSS Examples

Text

The CSS property to change the color of the text to YUV 69.7630, 12.9348, 4.5928 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(75, 62, 96)` looks like.

```
.text, #text, p{  
    color:rgb(75, 62, 96)  
}
```

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(75, 62, 96) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(75, 62, 96) }
```

Border

The CSS property to change the border of an element to YUV 69.7630, 12.9348, 4.5928 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(75, 62, 96) }
```


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

```
.border{ border-color:rgb(75, 62, 96) }
```

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

Here you see how a box with a 4 pixel rgb(75, 62, 96) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(75, 62, 96); -webkit-box-  
shadow:4px 4px 4px 4px rgb(75, 62, 96);  
box-shadow:4px 4px 4px 4px rgb(75, 62, 96)  
}
```

Background

The CSS property to change the background color of an element to YUV 69.7630, 12.9348, 4.5928 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(75, 62, 96) }
```

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

```
.background{ background-color: rgb(75, 62,  
96) }
```

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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