

Converting Colors

YUV(68.4690, 15.5448, 7.4817)

Have a look what the booklet for
YUV(68.4690, 15.5448, 7.4817)
contains.

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Color

**YUV(68.4690, 15.5448,
7.4817)**

Conversions

Conversions Part 1

Format	Color
Hex	4D3A64
RGB	77, 58, 100
RGB Percent	30%, 23%, 39%
CMY	0.6980, 0.7725, 0.6078
CMYK	0.23, 0.42, 0.00, 0.61
HSL	267°, 27%, 31%
HSV	267°, 42%, 39%
XYZ	6.8739, 5.5240, 12.7605
YIQ	68.4690, -2.1580, 17.0900

Conversions

Conversions Part 2

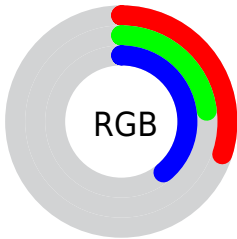
Format	Color
R_{YB}	77, 58, 100
Decimal	5061220
CIE _{Lab}	28.18, 17.89, -21.70
CIE _{LCh}	28, 28.129, 309.502
Yxy	5.5240, 0.2732, 0.2196
Android (android.graphics.Color)	4283251300 (0xFF4D3A64)
YUV	68.4690, 15.5448, 7.4817
Hunter-Lab	23.5032, 11.0746, -15.7380




Details

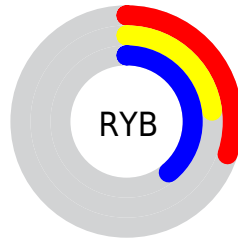
The YUV color **68.4690, 15.5448, 7.4817** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **89.5310, -15.5448, -7.4817**, and the grayscale version is **68.0000, 0.0000, 0.0000**.




A 20% lighter version of the original color is **116.8220, 16.8498, 8.9261**, and **24.7030, 13.9504, 5.5225** is the 20% darker color. If you saturate the color by 10%, you get **61.1040, 19.1757, 9.5558**, and if you desaturate by 10%, it is **75.8340, 11.9138, 5.4076**.

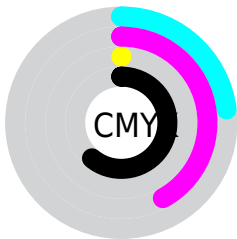
Distribution







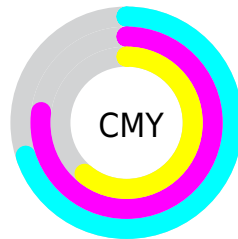
-  Red (30%)
-  Green (23%)
-  Blue (39%)






-  Red (30%)
-  Yellow (23%)
-  Blue (39%)



-  Cyan (23%)
-  Magenta (42%)
-  Yellow (0%)
-  Black (61%)



-  Cyan (70%)
-  Magenta (77%)
-  Yellow (61%)

Brightness & Saturation Gradients

These gradients show how the YUV color 68.4690, 15.5448, 7.4817 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 68.4690, 15.5448, 7.4817 by changing the saturation by 10% instead.

■ 68.4690, 15.5448,
7.4817

■ 68.4690, 15.5448,
7.4817

■ 255.0000, 0.0000,
0.0000

■ 45.6430, 14.9660,
6.4521

■ 116.8220, 16.8498,
8.9261

■ 24.7030, 13.9504,
5.5225

■ 142.9360, 17.2866,
8.8261

■ 4.8440, 13.3879,
-0.7402

■ 169.3490, 17.5759,
9.3409

■ 0.3420, 1.3104,
-0.2999

■ 196.8760, 18.3021,
9.7557

■ 0.0000, 0.0000,
0.0000

■ 223.4910, 15.5339,
10.9704

■ 246.1950, 4.3409,

7.7220

■ 68.4690, 15.5448,
7.4817

■ 68.4690, 15.5448,
7.4817

■ 61.1040, 19.1757,
9.5558

■ 75.8340, 11.9138,
5.4076

■ 53.4400, 22.9541,
11.0151

■ 83.4980, 8.1355,
3.9483

■ 46.0750, 26.5850,
13.0892

■ 90.8630, 4.5045,
1.8741

■ 38.4110, 30.3634,
14.5486

■ 98.5270, 0.7262,
0.4148

■ 31.0460, 33.9943,
16.6227

■ 105.8920, -2.9048,
-1.6593

■ 24.8550, 37.0465,
17.6672

■ 113.5560, -6.6831,
-3.1186

■ 120.9210,
-10.3141, -5.1927

■ 128.5850,
-14.0924, -6.6520

■ 135.9500,
-17.7233, -8.7261

Harmonies

Analogous

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



63.4270, 22.4675, -19.6685



68.4690, 15.5448, 7.4817



68.0000, 6.9020, 26.3100

Triad

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



68.4690, 15.5448, 7.4817



65.2790, -19.8575, 22.5573



53.5210, 9.6031, -46.9379

Complementary

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



68.4690, 15.5448, 7.4817



89.5310, -15.5448, -7.4817

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.



54.3130, -1.6333, -36.2315



68.4690, 15.5448, 7.4817



63.9520, -20.6823, 7.0581

Square

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



68.4690, 15.5448, 7.4817



65.8810, -12.7593, 32.5534



61.1500, -14.3709, -10.6555



55.2140, 18.6285, -48.4227

Rectangle

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



68.4690, 15.5448, 7.4817



67.3230, 0.3338, 33.0427



61.1500, -14.3709, -10.6555



52.6090, 6.1088, -46.1381

Sweetspot

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



68.4690, 15.5448, 7.4817



117.3300, 6.2463, 3.2186



76.2890, 11.6895, -16.0395



58.3360, 3.7784, 1.4593



194.0000, 0.0000, 0.0000



66.0000, 0.0000, 0.0000

Same Dimension

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



68.4690, 15.5448, 7.4817



81.0810, 24.1171, 11.3300



74.7480, 12.4492, 20.3920



47.1680, 1.8892, 0.7297



28.6580, 42.5666, 20.4709



60.4780, 89.4903, 43.4308

Inverse Universe

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



73.1800, 3.8553, 23.5211



88.5390, 6.1433, 36.3613



83.2520, -12.4492, -20.3920



47.8370, 0.5734, 2.7740



41.5670, 10.5665, 64.4007



87.5200, 22.4216, 135.4790

Previews

White Background



This preview shows how the YUV color 68.4690, 15.5448, 7.4817 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 68.4690, 15.5448, 7.4817 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

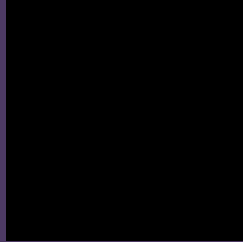
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 68.4690, 15.5448, 7.4817

Background



This preview shows how black text looks on a background with the YUV color 68.4690, 15.5448, 7.4817.



This preview shows how white text looks on a background with the YUV color 68.4690, 15.5448,

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

68.4690, 15.5448, 7.4817

Protanopia

65.4880, 19.9724, -12.7060

Deuteranopia

65.7610, 15.8938, -11.1914



Tritanopia

67.6630, 1.1521, 3.8035

Trichromacy



Original Color

68.4690, 15.5448, 7.4817

Protanomaly

66.1900, 18.6403, -5.4286

Deuteranomaly

66.8050, 15.8721, -4.2140

Tritanomaly

67.7540, 6.5303, 5.4777

Monochromacy



Original Color

68.4690, 15.5448, 7.4817

Achromatopsia

68.0000, 0.0000, 0.0000

Achromatomaly

67.9170, 5.9569, 2.7038

CSS Examples

Text

The CSS property to change the color of the text to YUV 68.4690, 15.5448, 7.4817 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(77, 58, 100)` looks like.

```
.text, #text, p{  
    color:rgb(77, 58, 100)  
}
```

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(77, 58, 100) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(77, 58, 100) }
```

Border

The CSS property to change the border of an element to YUV 68.4690, 15.5448, 7.4817 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(77, 58, 100) }
```


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

```
.border{ border-color:rgb(77, 58, 100) }
```

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

Here you see how a box with a 4 pixel `rgb(77, 58, 100)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(77, 58, 100); -webkit-box-  
shadow:4px 4px 4px 4px rgb(77, 58, 100);  
box-shadow:4px 4px 4px 4px rgb(77, 58,  
100) }
```

Background

The CSS property to change the background color of an element to YUV 68.4690, 15.5448, 7.4817 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(77, 58, 100) }
```

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

```
.background{ background-color: rgb(77, 58,  
100) }
```

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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