

Converting Colors

YUV(82.4690, 15.5448, 7.4817)

Have a look what the booklet for
YUV(82.4690, 15.5448, 7.4817)
contains.

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Color

**YUV(82.4690, 15.5448,
7.4817)**

Conversions

Conversions Part 1

Format	Color
Hex	5B4872
RGB	91, 72, 114
RGB Percent	36%, 28%, 45%
CMY	0.6431, 0.7176, 0.5529
CMYK	0.20, 0.37, 0.00, 0.55
HSL	267°, 23%, 36%
HSV	267°, 37%, 45%
XYZ	9.6690, 8.0738, 16.9684
YIQ	82.4690, -2.1580, 17.0900

Conversions

Conversions Part 2

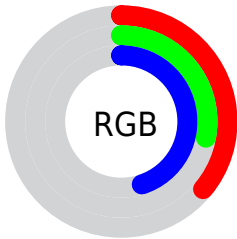
Format	Color
R_{YB}	91, 72, 114
Decimal	5982322
CIE _{Lab}	34.14, 17.31, -21.19
CIE _{LCh}	34, 27.356, 309.243
Yxy	8.0738, 0.2786, 0.2326
Android (android.graphics.Color)	4284172402 (0xFF5B4872)
YUV	82.4690, 15.5448, 7.4817
Hunter-Lab	28.4144, 11.0158, -15.5164

Details

The YUV color $[82.4690, 15.5448, 7.4817]$ is a dark color, and the websafe version is hex 666699 . A complement of this color would be $[103.5310, -15.5448, -7.4817]$, and the grayscale version is $[82.0000, 0.0000, 0.0000]$.

A 20% lighter version of the original color is $[132.4090, 16.5604, 8.4113]$, and $[37.1160, 14.2398, 6.0373]$ is the 20% darker color. If you saturate the color by 10%, you get $[74.2180, 19.6125, 9.4558]$, and if you desaturate by 10%, it is $[90.7200, 11.4770, 5.5076]$.

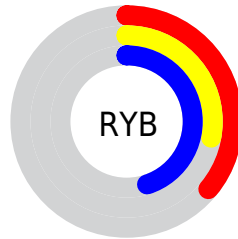
Distribution



Red (36%)

Green (28%)

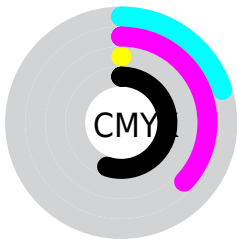
Blue (45%)



Red (36%)

Yellow (28%)

Blue (45%)

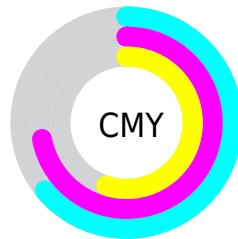


Cyan (20%)

Magenta (37%)

Yellow (0%)

Black (55%)



Cyan (64%)

Magenta (72%)

Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the YUV color 82.4690, 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 82.4690, 15.5448, 7.4817 by changing the saturation by 10% instead.

82.4690, 15.5448,
7.4817

82.4690, 15.5448,
7.4817

255.0000, 0.0000,
0.0000

58.9420, 14.8186,
7.0669

132.4090, 16.5604,
8.4113

37.1160, 14.2398,
6.0373

158.8220, 16.8498,
8.9261

14.5400, 14.5238,
8.2964

185.3490, 17.5759,
9.3409

3.0950, 9.3202,
-2.7143

213.4630, 18.0127,
9.2409

0.0000, 0.0000,
0.0000

239.1400, 7.8190,
12.1552

■ 82.4690, 15.5448,
7.4817

■ 82.4690, 15.5448,
7.4817

■ 74.2180, 19.6125,
9.4558

■ 90.7200, 11.4770,
5.5076

■ 65.3800, 23.9697,
11.9447

■ 99.5580, 7.1199,
3.0186

■ 56.8300, 28.1848,
13.3041

■ 108.1080, 2.9048,
1.6593

■ 47.9920, 32.5419,
15.7930

■ 116.9460, -1.4524,
-0.8296

■ 39.7410, 36.6097,
17.7671

■ 125.1970, -5.5201,
-2.8038

■ 31.4900, 40.6774,
19.7413

■ 133.4480, -9.5879,
-4.7779

■ 28.5440, 42.1298,
20.5709

■ 142.5850,
-14.0924, -6.6520

■ 150.8360,

-18.1601, -8.6262

■ 159.6740,
-22.5173, -11.1151

Harmonies

Analogous

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



78.0250, 22.1727, -18.4389



82.4690, 15.5448, 7.4817



82.5870, 6.6126, 25.7952

Triad

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



82.4690, 15.5448, 7.4817



79.6920, -19.5682, 23.0721



63.9220, 11.3775, -56.0596

Complementary

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



82.4690, 15.5448, 7.4817



103.5310, -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.



70.2920, -3.1020, -31.8281



82.4690, 15.5448, 7.4817



77.6640, -20.5404, 8.1877

Square

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



82.4690, 15.5448, 7.4817



80.1800, -12.9067, 33.1681



75.4490, -14.5184, -10.0408



65.0280, 20.6922, -57.0296

Rectangle

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



82.4690, 15.5448, 7.4817



81.6220, 0.1864, 33.6575



75.4490, -14.5184, -10.0408



62.4230, 8.1725, -54.7450

Sweetspot

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



82.4690, 15.5448, 7.4817



135.9170, 5.9569, 2.7038



90.2890, 11.6895, -16.0395



66.6350, 3.6309, 2.0741



201.0000, 0.0000, 0.0000



74.0000, 0.0000, 0.0000

Same Dimension

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



82.4690, 15.5448, 7.4817



99.0810, 24.1171, 11.3300



88.7480, 12.4492, 20.3920



51.5810, 2.1786, 1.2445



29.8260, 44.4558, 21.2006



61.6460, 91.3795, 44.1605

Inverse Universe

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



87.1800, 3.8553, 23.5211



106.4250, 5.7065, 36.4613



97.2520, -12.4492, -20.3920



52.2500, 0.8628, 3.2888



43.4040, 11.1398, 67.1747



89.2430, 22.5582, 138.3529

Previews

White Background



This preview shows how the YUV color 82.4690, 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 82.4690, 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 82.4690, 15.5448, 7.4817

Background



This preview shows how black text looks on a background with the YUV color 82.4690, 15.5448, 7.4817.

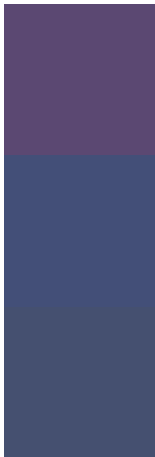


This preview shows how white text looks on a background with the YUV color 82.4690, 15.5448,

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

82.4690, 15.5448, 7.4817

Protanopia

80.0860, 19.6776, -11.4764

Deuteranopia

80.3590, 15.5990, -9.9618



Tritanopia

81.0760, 1.4415, 4.3183

Trichromacy



Original Color

82.4690, 15.5448, 7.4817

Protanomaly

80.7880, 18.3455, -4.1991

Deuteranomaly

81.1040, 15.7247, -3.5992

Tritanomaly

81.7540, 6.5303, 5.4777

Monochromacy



Original Color

82.4690, 15.5448, 7.4817

Achromatopsia

82.0000, 0.0000, 0.0000

Achromatomaly

81.9170, 5.9569, 2.7038

CSS Examples

Text

The CSS property to change the color of the text to YUV 82.4690, 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(91, 72, 114)` looks like.

```
.text, #text, p{  
    color:rgb(91, 72, 114)  
}
```

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(91, 72, 114) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(91, 72, 114) }
```

Border

The CSS property to change the border of an element to YUV 82.4690, 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(91, 72, 114) }
```


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

```
.border{ border-color:rgb(91, 72, 114) }
```

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

Here you see how a box with a 4 pixel `rgb(91, 72, 114)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(91, 72, 114); -webkit-box-  
shadow:4px 4px 4px 4px rgb(91, 72, 114);  
box-shadow:4px 4px 4px 4px rgb(91, 72,  
114) }
```

Background

The CSS property to change the background color of an element to YUV 82.4690, 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(91, 72, 114) }
```

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

```
.background{ background-color: rgb(91, 72,  
114) }
```

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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