

Converting Colors

YUV(32.4840, -7.1406, 50.4415)

Have a look what the booklet for
YUV(32.4840, -7.1406, 50.4415)
contains.

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Color

**YUV(32.4840, -7.1406,
50.4415)**

Conversions

Conversions Part 1

Format	Color
Hex	5A0612
RGB	90, 6, 18
RGB Percent	35%, 2%, 7%
CMY	0.6471, 0.9765, 0.9294
CMYK	0.00, 0.93, 0.80, 0.65
HSL	351°, 88%, 19%
HSV	351°, 93%, 35%
XYZ	4.3908, 2.3476, 0.7940
YIQ	32.4840, 46.2120, 21.5400

Conversions

Conversions Part 2

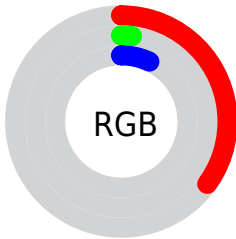
Format	Color
R_{YB}	90, 6, 18
Decimal	5899794
CIE Lab	17.21, 36.24, 18.32
CIE LCh	17, 40.608, 26.823
Yxy	2.3476, 0.5829, 0.3117
Android (android.graphics.Color)	4284089874 (0xFF5A0612)
YUV	32.4840, -7.1406, 50.4415
Hunter-Lab	15.3218, 24.3393, 7.6529

Details

The YUV color **32.4840, -7.1406, 50.4415** is a dark color, and the websafe version is hex **660000**. A complement of this color would be **63.5160, 7.1406, -50.4415**, and the grayscale version is **33.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **85.7140, -12.6770, 52.8708**, and **11.4760, -5.1647, 23.2615** is the 20% darker color. If you saturate the color by 10%, you get **28.3920, -7.5883, 54.0302**, and if you desaturate by 10%, it is **38.6790, -6.2507, 45.0085**.

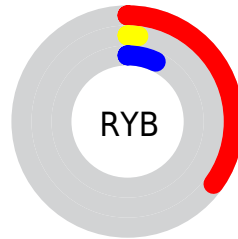
Distribution



Red (35%)

Green (2%)

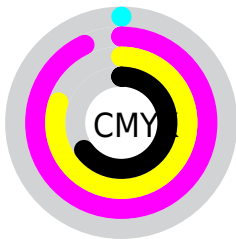
Blue (7%)



Red (35%)

Yellow (2%)

Blue (7%)

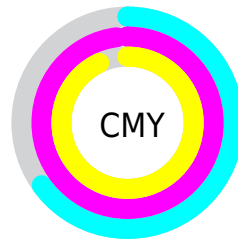


Cyan (0%)

Magenta (93%)

Yellow (80%)

Black (65%)



Cyan (65%)


Magenta (98%)


Yellow (93%)


Brightness & Saturation Gradients


These gradients show how the YUV color 32.4840, -7.1406, 50.4415 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 32.4840, -7.1406, 50.4415 by changing the saturation by 10% instead.


 32.4840, -7.1406,
50.4415


 32.4840, -7.1406,
50.4415

 249.9960, -3.9420,
4.3885


 18.8370, -9.2866,
38.7310


 85.7140, -12.6770,
52.8708


 11.4760, -5.1647,
23.2615

 111.3830,
-13.9928, 54.9151

 0.0000, 0.0000,
0.0000

 138.3510,
-15.4560, 57.5742

 165.2480,
-15.8983, 59.4185

 190.6390,
-15.5980, 56.4446

 209.5660,

-11.6180, 39.8456

■ 229.6670, -8.2168,
22.2170

■ 32.4840, -7.1406,
50.4415

■ 32.4840, -7.1406,
50.4415

■ 28.3920, -7.5883,
54.0302

■ 38.6790, -6.2507,
45.0085

■ 44.7600, -5.7977,
39.6755

■ 50.9550, -4.9078,
34.2425

■ 57.1500, -4.0179,
28.8095

■ 63.3450, -3.1281,
23.3764

■ 69.4260, -2.6750,
18.0434

■ 75.6210, -1.7852,
12.6104

■ 81.8160, -0.8953,
7.1774

■ 87.8970, -0.4422,
1.8443

Harmonies

Analogous

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



32.2680, 7.2629, 50.6310



32.4840, -7.1406, 50.4415



39.1710, -19.3113, 34.0530

Triad

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



32.4840, -7.1406, 50.4415



30.9800, -13.3011, -27.1695



39.1030, 30.5152, -34.2933

Complementary

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



32.4840, -7.1406, 50.4415



63.5160, 7.1406, -50.4415

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.



41.4850, 24.4109, -36.3823



32.4840, -7.1406, 50.4415



36.0300, 0.9712, -31.5983

Square

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



32.4840, -7.1406, 50.4415



36.5480, -18.0182, -7.4966



39.4500, 14.0752, -34.5976



40.6330, 26.8029, -10.2021

Rectangle

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



32.4840, -7.1406, 50.4415



40.2680, -19.8521, 20.8130



39.4500, 14.0752, -34.5976



40.7500, 29.2102, -35.7377

Sweetspot

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



32.4840, -7.1406, 50.4415



94.4370, -2.6804, 19.7878



36.8050, 26.2251, 35.2510



45.3220, -1.6377, 11.9956



186.0000, 0.0000, 0.0000



59.0000, 0.0000, 0.0000

Same Dimension

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



32.4840, -7.1406, 50.4415



36.9210, -9.8211, 70.2293



48.1390, -20.7745, 36.7121



42.6090, -0.3002, 2.9739



34.7140, -9.2260, 66.0258



74.7390, -20.0843, 142.3029

Inverse Universe

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



32.4840, -7.1406, 50.4415



36.9210, -9.8211, 70.2293



47.8610, 20.7745, -36.7121



42.6090, -0.3002, 2.9739



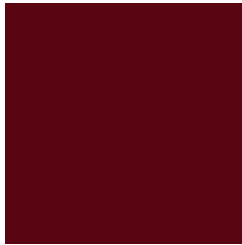
34.7140, -9.2260, 66.0258



74.7390, -20.0843, 142.3029

Previews

White Background



This preview shows how the YUV color 32.4840, -7.1406, 50.4415 looks on a white background.

Color Contrast Check

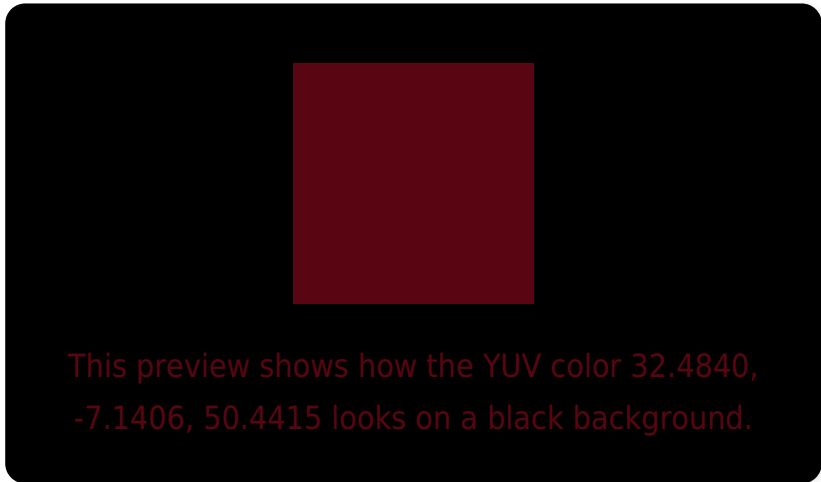
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

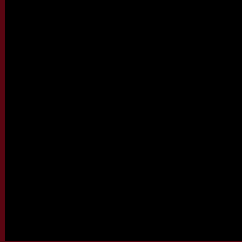
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 32.4840, -7.1406, 50.4415

Background



This preview shows how black text looks on a background with the YUV color 32.4840, -7.1406, 50.4415.

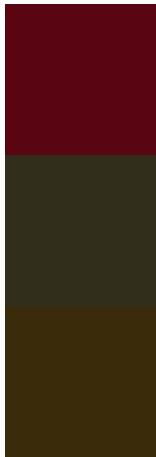


This preview shows how white text looks on a background with the YUV color 32.4840, -7.1406,

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

32.4840, -7.1406, 50.4415

Protanopia

45.1440, -8.4520, 4.2587

Deuteranopia

43.8370, -16.1886, 12.4210



Tritanopia

32.8770, -13.2504, 50.0969

Trichromacy



Original Color

32.4840, -7.1406, 50.4415

Protanomaly

40.3680, -8.0694, 21.6023

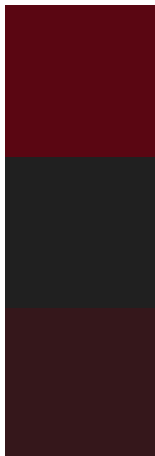
Deuteranomaly

40.1360, -12.8850, 26.1907

Tritanomaly

32.7460, -11.2138, 50.2118

Monochromacy



Original Color

32.4840, -7.1406, 50.4415

Achromatopsia

32.0000, 0.0000, 0.0000

Achromatomaly

32.4260, -2.6750, 18.0434

CSS Examples

Text

The CSS property to change the color of the text to YUV 32.4840, -7.1406, 50.4415 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(90, 6, 18)` looks like.

```
.text, #text, p{  
    color:rgb(90, 6, 18)  
}
```

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(90, 6, 18) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(90, 6, 18) }
```

Border

The CSS property to change the border of an element to YUV 32.4840, -7.1406, 50.4415 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(90, 6, 18) }
```


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

```
.border{ border-color:rgb(90, 6, 18) }
```

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

Here you see how a box with a 4 pixel `rgb(90, 6, 18)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(90, 6, 18); -webkit-box-shadow:4px  
4px 4px 4px rgb(90, 6, 18); box-shadow:4px  
4px 4px 4px rgb(90, 6, 18) }
```

Background

The CSS property to change the background color of an element to YUV 32.4840, -7.1406, 50.4415 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(90, 6, 18) }
```

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

```
.background{ background-color: rgb(90, 6,  
18) }
```

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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