

Converting Colors

YUV(48.7040, 9.0199, 0.2596)

Have a look what the booklet for
YUV(48.7040, 9.0199, 0.2596)
contains.

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Color

**YUV(48.7040, 9.0199,
0.2596)**

Conversions

Conversions Part 1

Format	Color
Hex	312D43
RGB	49, 45, 67
RGB Percent	19%, 18%, 26%
CMY	0.8078, 0.8235, 0.7373
CMYK	0.27, 0.33, 0.00, 0.74
HSL	251°, 20%, 22%
HSV	251°, 33%, 26%
XYZ	3.2181, 2.9350, 5.7071
YIQ	48.7040, -4.6780, 7.6900

Conversions

Conversions Part 2

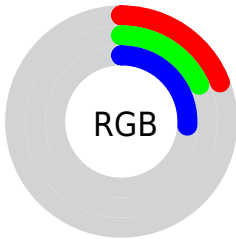
Format	Color
RYB	49, 45, 67
Decimal	3222851
CIELab	19.78, 7.52, -13.16
CIELCh	20, 15.155, 299.766
Yxy	2.9350, 0.2713, 0.2475
Android (android.graphics.Color)	4281412931 (0xFF312D43)
YUV	48.7040, 9.0199, 0.2596
Hunter-Lab	17.1318, 3.5497, -7.7589

Details

The YUV color **48.7040, 9.0199, 0.2596** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **63.2960, -9.0199, -0.2596**, and the grayscale version is **49.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **95.2310, 9.7461, 0.6744**, and **3.4480, 10.6251, -1.2699** is the 20% darker color. If you saturate the color by 10%, you get **43.1000, 11.7827, 0.7893**, and if you desaturate by 10%, it is **54.3080, 6.2572, -0.2701**.

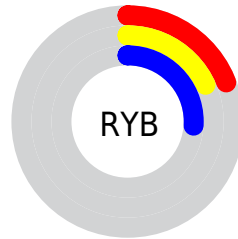
Distribution



 Red (19%)

 Green (18%)

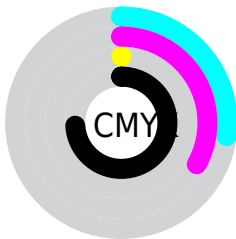
 Blue (26%)



 Red (19%)

 Yellow (18%)

 Blue (26%)

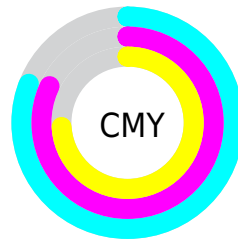


 Cyan (27%)

 Magenta (33%)

 Yellow (0%)

 Black (74%)



 Cyan (81%)

 Magenta (82%)

 Yellow (74%)

Brightness & Saturation Gradients

These gradients show how the YUV color 48.7040, 9.0199, 0.2596 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 48.7040, 9.0199, 0.2596 by changing the saturation by 10% instead.

■ 48.7040, 9.0199,
0.2596

■ 48.7040, 9.0199,
0.2596

■ 255.0000, 0.0000,
0.0000

■ 27.5900, 8.5831,
0.3596

■ 95.2310, 9.7461,
0.6744

■ 3.4480, 10.6251,
-1.2699

■ 119.7580, 10.4723,
1.0892

■ 0.0000, 0.0000,
0.0000

■ 145.4590, 10.6197,
0.4745

■ 171.8720, 10.9091,
0.9893

■ 198.9860, 11.3459,
0.8893

■ 227.3990, 11.6353,

1.4041

252.6520, 1.1576,
2.0592

48.7040, 9.0199,
0.2596

48.7040, 9.0199,
0.2596

43.1000, 11.7827,
0.7893

54.3080, 6.2572,
-0.2701

37.7840, 14.4035,
0.1894

59.6240, 3.6364,
0.3298

32.1800, 17.1663,
0.7191

65.2280, 0.8736,
-0.2000

26.2770, 20.0764,
0.6341

71.1310, -2.0366,
-0.1149

20.6730, 22.8392,
1.1638

76.7350, -4.7994,
-0.6446

■ 15.3570, 25.4600,
0.5639

■ 82.0510, -7.4201,
-0.0447

■ 11.2260, 27.4966,
0.6788

■ 87.6550, -10.1829,
-0.5744

■ 93.5580, -13.0931,
-0.4894

■ 98.5750, -15.5665,
-0.5043

Harmonies

Analogous

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



46.3110, 11.6787, -12.5507



48.7040, 9.0199, 0.2596



49.3310, 4.7668, 11.1107

Triad

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



48.7040, 9.0199, 0.2596



47.6830, -9.2107, 14.3100



41.8400, 2.5439, -22.6617

Complementary

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



48.7040, 9.0199, 0.2596



63.2960, -9.0199, -0.2596

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.



44.4840, -4.1826, -11.8255



48.7040, 9.0199, 0.2596



46.9980, -10.3520, 7.0178

Square

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



48.7040, 9.0199, 0.2596



48.3290, -5.5852, 18.1285



45.6980, -8.7251, -1.4891



39.8050, 8.9701, -30.5240

Rectangle

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



48.7040, 9.0199, 0.2596



49.4410, 1.2616, 15.3992



45.6980, -8.7251, -1.4891



42.9930, 0.4965, -19.2879

Sweetspot

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



48.7040, 9.0199, 0.2596



79.6240, 3.6364, 0.3298



58.0740, 4.4005, -11.4659



38.8690, 2.0366, 0.1149



171.0000, 0.0000, 0.0000



43.0000, 0.0000, 0.0000

Same Dimension

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



48.7040, 9.0199, 0.2596



58.6700, 13.9667, 0.2894



51.9930, 7.3985, 7.0221



30.3420, 1.3104, -0.2999



16.4400, 39.7161, 1.3681



37.7950, 91.7991, 2.8108

Inverse Universe

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



53.6300, 4.6194, 11.7255



66.3580, 7.2185, 18.1030



60.0070, -7.3985, -7.0221



31.2390, 0.8682, 1.5444



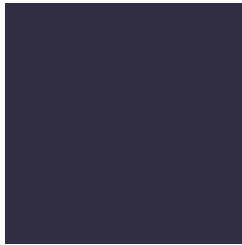
38.0090, 20.2086, 51.7351



87.9520, 47.3517, 119.3141

Previews

White Background



This preview shows how the YUV color 48.7040, 9.0199, 0.2596 looks on a white background.

Color Contrast Check

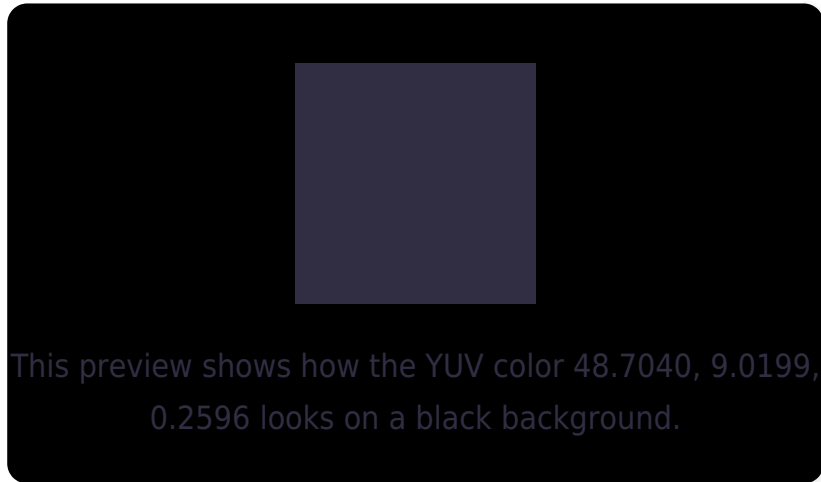
Large Text (above 18pt) WCAG AA ✓ Pass

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

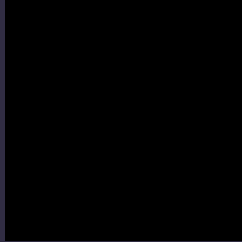
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 48.7040, 9.0199, 0.2596

Background



This preview shows how black text looks on a background with the YUV color 48.7040, 9.0199, 0.2596.



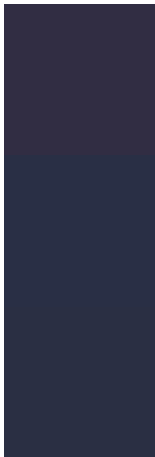
This preview shows how white text looks on a background with the YUV color 48.7040, 9.0199,

0.2596.

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

48.7040, 9.0199, 0.2596

Protanopia

47.7140, 10.4940, -5.8882

Deuteranopia

47.7850, 9.4730, -5.0734



Tritanopia

47.8580, 2.0420, -1.6295

Trichromacy



Original Color

48.7040, 9.0199, 0.2596

Protanomaly

47.9100, 9.9044, -3.4291

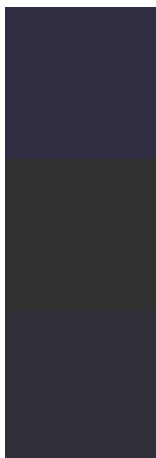
Deuteranomaly

48.0950, 9.3202, -2.7143

Tritanomaly

48.1400, 4.3680, -0.9998

Monochromacy



Original Color

48.7040, 9.0199, 0.2596

Achromatopsia

49.0000, 0.0000, 0.0000

Achromatomaly

49.2110, 3.3470, -0.1850

CSS Examples

Text

The CSS property to change the color of the text to YUV 48.7040, 9.0199, 0.2596 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(49, 45, 67)` looks like.

```
.text, #text, p{  
    color:rgb(49, 45, 67)  
}
```

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(49, 45, 67) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(49, 45, 67) }
```

Border

The CSS property to change the border of an element to YUV 48.7040, 9.0199, 0.2596 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(49, 45, 67) }
```


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

```
.border{ border-color:rgb(49, 45, 67) }
```

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

Here you see how a box with a 4 pixel `rgb(49, 45, 67)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(49, 45, 67); -webkit-box-  
shadow:4px 4px 4px 4px rgb(49, 45, 67);  
box-shadow:4px 4px 4px 4px rgb(49, 45, 67)  
}
```

Background

The CSS property to change the background color of an element to YUV 48.7040, 9.0199, 0.2596 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(49, 45, 67) }
```

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

```
.background{ background-color: rgb(49, 45,  
67) }
```

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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