

Converting Colors

YUV(51.9740, 36.4948, 7.9158)

Have a look what the booklet for
YUV(51.9740, 36.4948, 7.9158)
contains.

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Color

**YUV(51.9740, 36.4948,
7.9158)**

Conversions

Conversions Part 1

Format	Color
Hex	3D217E
RGB	61, 33, 126
RGB Percent	24%, 13%, 49%
CMY	0.7608, 0.8706, 0.5059
CMYK	0.52, 0.74, 0.00, 0.51
HSL	258°, 58%, 31%
HSV	258°, 74%, 49%
XYZ	6.2342, 3.5862, 20.1023
YIQ	51.9740, -13.1650, 34.8590

Conversions

Conversions Part 2

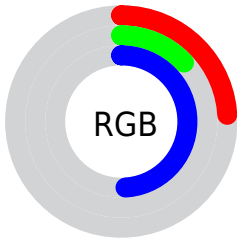
Format	Color
R_{YB}	61, 33, 126
Decimal	4006270
CIE _{Lab}	22.25, 36.76, -47.93
CIE _{LCh}	22, 60.402, 307.486
Yxy	3.5862, 0.2083, 0.1198
Android (android.graphics.Color)	4282196350 (0xFF3D217E)
YUV	51.9740, 36.4948, 7.9158
Hunter-Lab	18.9372, 25.6230, -49.6817

Details

The YUV color **51.9740, 36.4948, 7.9158** is a dark color, and the websafe version is hex **333399**. A complement of this color would be **107.0260, -36.4948, -7.9158**, and the grayscale version is **52.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **101.8650, 38.5206, 11.5194**, and **8.6640, 33.1966, -7.5983** is the 20% darker color. If you saturate the color by 10%, you get **41.6520, 41.5836, 9.0752**, and if you desaturate by 10%, it is **62.2960, 31.4061, 6.7564**.

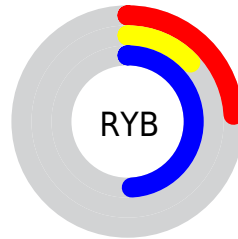
Distribution



Red (24%)

Green (13%)

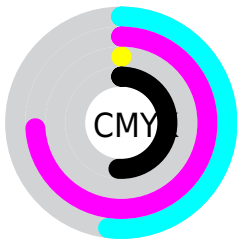
Blue (49%)



Red (24%)

Yellow (13%)

Blue (49%)

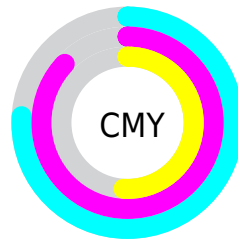


Cyan (52%)

Magenta (74%)

Yellow (0%)

Black (51%)



Cyan (76%)

Magenta (87%)

Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the YUV color 51.9740, 36.4948, 7.9158 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 51.9740, 36.4948, 7.9158 by changing the saturation by 10% instead.

■ 51.9740, 36.4948,
7.9158

■ 51.9740, 36.4948,
7.9158

■ 255.0000, 0.0000,
0.0000

■ 26.2510, 36.3583,
5.0419

■ 101.8650, 38.5206,
11.5194

■ 8.6640, 33.1966,
-7.5983

■ 127.6910, 39.0993,
12.5490

■ 7.1020, 22.1347,
-6.2285

■ 154.0440, 40.4043,
13.9934

■ 4.5940, 12.5252,
-4.0289

■ 180.7300, 36.6151,
16.0228

■ 0.0000, 0.0000,
0.0000

■ 204.9510, 24.6742,
19.3370

■ 229.7590, 12.4438,

22.1364

246.1950, 4.3409,
7.7220

51.9740, 36.4948,
7.9158

51.9740, 36.4948,
7.9158

41.6520, 41.5836,
9.0752

62.2960, 31.4061,
6.7564

31.9170, 46.3829,
9.7198

72.0310, 26.6067,
6.1118

25.7260, 49.4351,
10.7643

82.0540, 21.6654,
4.3376

91.7890, 16.8660,
3.6930

102.1110, 11.7773,
2.5337

■ 112.4330, 6.6885,
1.3743

■ 122.1680, 1.8892,
0.7297

■ 132.1910, -3.0522,
-1.0445

■ 141.9260, -7.8515,
-1.6891

Harmonies

Analogous

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



49.9890, 46.8404, -43.8404



51.9740, 36.4948, 7.9158



43.6340, 22.3654, 59.9570

Triad

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



51.9740, 36.4948, 7.9158



49.5260, -24.4163, 38.1267



48.3860, 7.6977, -42.4345

Complementary

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



51.9740, 36.4948, 7.9158



107.0260, -36.4948, -7.9158

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.



41.5120, -13.5634, -36.4060



51.9740, 36.4948, 7.9158



49.3280, -24.3187, 6.7283

Square

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



51.9740, 36.4948, 7.9158



35.2820, -17.3940, 72.5437



37.5680, -18.5210, -32.9471



53.4020, 26.9168, -46.8336

Rectangle

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



51.9740, 36.4948, 7.9158



44.1010, 7.3452, 70.9484



37.5680, -18.5210, -32.9471



45.9750, 0.9983, -40.3201

Sweetspot

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



51.9740, 36.4948, 7.9158



134.3930, 14.1033, 3.1633



81.7570, 21.8118, -42.7599



64.6010, 8.5777, 2.1039



209.0000, 0.0000, 0.0000



82.0000, 0.0000, 0.0000

Same Dimension

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



51.9740, 36.4948, 7.9158



47.6860, 56.8498, 12.5534



65.7280, 29.7141, 36.1955



58.3960, 2.7628, 0.5297



25.9540, 50.3087, 10.5643



0.0000, 0.0000, 0.0000

Inverse Universe

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



68.2170, 14.6830, 50.6757



72.8690, 22.7426, 79.0449



93.2720, -29.7141, -36.1955



59.6630, 1.1521, 3.8035



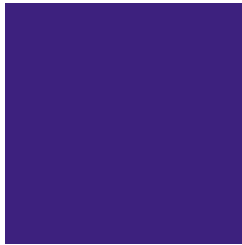
48.4180, 20.0069, 69.7934



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the YUV color 51.9740, 36.4948, 7.9158 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 51.9740, 36.4948, 7.9158 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

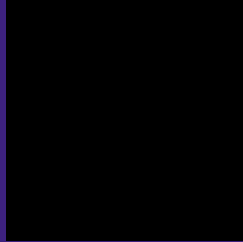
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 51.9740, 36.4948, 7.9158

Background



This preview shows how black text looks on a background with the YUV color 51.9740, 36.4948, 7.9158.



This preview shows how white text looks on a background with the YUV color 51.9740, 36.4948,

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

51.9740, 36.4948, 7.9158

Protanopia

43.0640, 32.9994, -37.7671

Deuteranopia

43.0010, 25.1425, -37.7119



Tritanopia

52.0850, 4.3951, -9.7215

Trichromacy



Original Color

51.9740, 36.4948, 7.9158

Protanomaly

46.2170, 34.4030, -21.2383

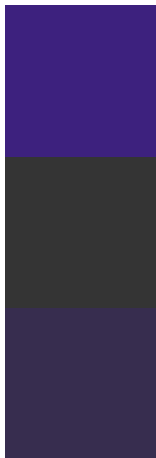
Deuteranomaly

46.2510, 29.4563, -21.2681

Tritanomaly

52.2180, 16.1615, -3.6992

Monochromacy



Original Color

51.9740, 36.4948, 7.9158

Achromatopsia

52.0000, 0.0000, 0.0000

Achromatomaly

51.8660, 13.3771, 2.7485

CSS Examples

Text

The CSS property to change the color of the text to YUV 51.9740, 36.4948, 7.9158 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(61, 33, 126)` looks like.

```
.text, #text, p{  
    color:rgb(61, 33, 126)  
}
```

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(61, 33, 126) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(61, 33, 126) }
```

Border

The CSS property to change the border of an element to YUV 51.9740, 36.4948, 7.9158 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(61, 33, 126) }
```


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

```
.border{ border-color:rgb(61, 33, 126) }
```

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

Here you see how a box with a 4 pixel `rgb(61, 33, 126)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(61, 33, 126); -webkit-box-  
shadow:4px 4px 4px 4px rgb(61, 33, 126);  
box-shadow:4px 4px 4px 4px rgb(61, 33,  
126) }
```

Background

The CSS property to change the background color of an element to YUV 51.9740, 36.4948, 7.9158 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(61, 33, 126) }
```

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

```
.background{ background-color: rgb(61, 33,  
126) }
```

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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