

Converting Colors

YUV(49.8990, 13.3608, 7.9816)

Have a look what the booklet for
YUV(49.8990, 13.3608, 7.9816)
contains.

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Color

**YUV(49.8990, 13.3608,
7.9816)**

Conversions

Conversions Part 1

Format	Color
Hex	3B284D
RGB	59, 40, 77
RGB Percent	23%, 16%, 30%
CMY	0.7686, 0.8431, 0.6980
CMYK	0.23, 0.48, 0.00, 0.70
HSL	271°, 32%, 23%
HSV	271°, 48%, 30%
XYZ	3.9020, 2.9832, 7.3913
YIQ	49.8990, -0.5530, 15.5350

Conversions

Conversions Part 2

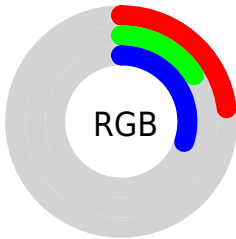
Format	Color
R_{YB}	59, 40, 77
Decimal	3876941
CIE _{Lab}	19.98, 17.41, -19.56
CIE _{LCh}	20, 26.187, 311.681
Yxy	2.9832, 0.2733, 0.2090
Android (android.graphics.Color)	4282067021 (0xFF3B284D)
YUV	49.8990, 13.3608, 7.9816
Hunter-Lab	17.2720, 10.0997, -13.2821

Details

The YUV color **49.8990, 13.3608, 7.9816** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **67.1010, -13.3608, -7.9816**, and the grayscale version is **50.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **96.8390, 14.3764, 8.9112**, and **9.4430, 11.6136, 8.3815** is the 20% darker color. If you saturate the color by 10%, you get **44.0070, 16.2655, 9.6409**, and if you desaturate by 10%, it is **55.7910, 10.4560, 6.3223**.

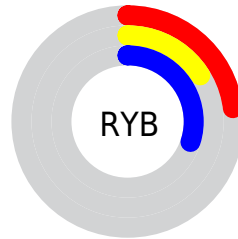
Distribution



 Red (23%)

 Green (16%)

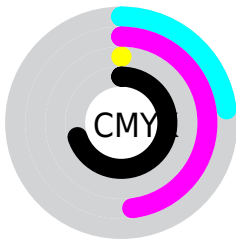
 Blue (30%)




 Red (23%)

 Yellow (16%)

 Blue (30%)

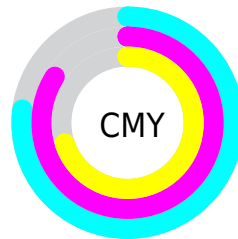


 Cyan (23%)


 Magenta (48%)

 Yellow (0%)

 Black (70%)



 Cyan (77%)

 Magenta (84%)

 Yellow (70%)

Brightness & Saturation Gradients

These gradients show how the YUV color 49.8990, 13.3608, 7.9816 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 49.8990, 13.3608, 7.9816 by changing the saturation by 10% instead.

■ 49.8990, 13.3608,
7.9816

■ 49.8990, 13.3608,
7.9816

■ 255.0000, 0.0000,
0.0000

■ 28.0730, 12.7820,
6.9520

■ 96.8390, 14.3764,
8.9112

■ 9.4430, 11.6136,
8.3815

■ 121.6650, 14.9552,
9.9408

■ 0.6840, 2.6208,
-0.5999

■ 147.1920, 15.6813,
10.3556

■ 0.0000, 0.0000,
0.0000

■ 174.3060, 16.1181,
10.2556

■ 201.7190, 16.4075,
10.7704

■ 229.1060, 12.7657,

12.1850

249.1300, 2.8939,
5.1480

49.8990, 13.3608,
7.9816

49.8990, 13.3608,
7.9816

44.0070, 16.2655,
9.6409

55.7910, 10.4560,
6.3223

39.0010, 18.7335,
11.4001

60.7970, 7.9881,
4.5630

33.1090, 21.6383,
13.0594

66.6890, 5.0833,
2.9037

27.2170, 24.5430,
14.7187

72.5810, 2.1786,
1.2445

21.9120, 27.1584,
15.8632

77.8860, -0.4368,
0.1000

■ 20.7380, 27.7372,
16.8928

■ 83.4790, -3.1941,
-2.1741

■ 89.3710, -6.0989,
-3.8334

■ 95.2630, -9.0037,
-5.4927

■ 100.5680,
-11.6190, -6.6371

Harmonies

Analogous

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



45.7540, 19.8413, -17.3243



49.8990, 13.3608, 7.9816



49.3480, 5.7444, 24.2508

Triad

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



49.8990, 13.3608, 7.9816



46.5990, -18.5363, 18.7687



40.3160, 7.2392, -35.3571

Complementary

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



49.8990, 13.3608, 7.9816



67.1010, -13.3608, -7.9816

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.



37.5630, -0.7706, -32.9428



49.8990, 13.3608, 7.9816



45.5820, -19.5139, 5.6286

Square

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



49.8990, 13.3608, 7.9816



47.7880, -11.7275, 28.2499



42.7200, -12.1870, -11.1554



41.7810, 15.3910, -36.6419

Rectangle

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



49.8990, 13.3608, 7.9816



48.1870, -0.0922, 29.6540



42.7200, -12.1870, -11.1554



39.0450, 4.9078, -34.2425

Sweetspot

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



49.8990, 13.3608, 7.9816



89.5750, 4.6465, 3.0037



55.3710, 10.6631, -13.4804



44.5210, 3.1941, 2.1741



179.0000, 0.0000, 0.0000



51.0000, 0.0000, 0.0000

Same Dimension

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



49.8990, 13.3608, 7.9816



57.1690, 20.6227, 12.1298



55.2810, 10.7075, 19.0476



35.0540, 1.4524, 0.8296



27.1760, 36.8882, 21.7706



61.5020, 83.0695, 49.5487

Inverse Universe

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



53.1150, 2.4083, 20.9471



62.2350, 3.8281, 32.2429



61.7190, -10.7075, -19.0476



35.4240, 0.2840, 2.2592



36.1980, 6.8044, 57.7084



81.5380, 15.0178, 130.2012

Previews

White Background



This preview shows how the YUV color 49.8990, 13.3608, 7.9816 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 49.8990, 13.3608, 7.9816 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

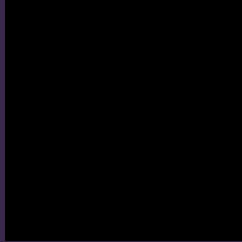
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 49.8990, 13.3608, 7.9816

Background



This preview shows how black text looks on a background with the YUV color 49.8990, 13.3608, 7.9816.



This preview shows how white text looks on a background with the YUV color 49.8990, 13.3608,

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

49.8990, 13.3608, 7.9816

Protanopia

47.0320, 18.2252, -12.3061

Deuteranopia

47.7780, 13.4204, -11.2063



Tritanopia

48.8480, 0.5679, 4.5183

Trichromacy



Original Color

49.8990, 13.3608, 7.9816

Protanomaly

47.6200, 16.4563, -4.9287

Deuteranomaly

48.8220, 13.3988, -4.2289

Tritanomaly

49.4120, 5.2199, 5.7777

Monochromacy



Original Color

49.8990, 13.3608, 7.9816

Achromatopsia

50.0000, 0.0000, 0.0000

Achromatomaly

49.6890, 5.0833, 2.9037

CSS Examples

Text

The CSS property to change the color of the text to YUV 49.8990, 13.3608, 7.9816 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(59, 40, 77)` looks like.

```
.text, #text, p{  
    color:rgb(59, 40, 77)  
}
```

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(59, 40, 77) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(59, 40, 77) }
```

Border

The CSS property to change the border of an element to YUV 49.8990, 13.3608, 7.9816 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(59, 40, 77) }
```


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

```
.border{ border-color:rgb(59, 40, 77) }
```

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

Here you see how a box with a 4 pixel `rgb(59, 40, 77)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(59, 40, 77); -webkit-box-  
shadow:4px 4px 4px 4px rgb(59, 40, 77);  
box-shadow:4px 4px 4px 4px rgb(59, 40, 77)  
}
```

Background

The CSS property to change the background color of an element to YUV 49.8990, 13.3608, 7.9816 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(59, 40, 77) }
```

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

```
.background{ background-color: rgb(59, 40,  
77) }
```

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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