

Converting Colors

YUV(37.7460, 59.2852, 24.7788)

Have a look what the booklet for
YUV(37.7460, 59.2852, 24.7788)
contains.

YUV(37.7460, 59.2852, 24.7788)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	30

Color

**YUV(37.7460, 59.2852,
24.7788)**

Conversions

Conversions Part 1

Format	Color
Hex	42009E
RGB	66, 0, 158
RGB Percent	26%, 0%, 62%
CMY	0.7412, 1.0000, 0.3804
CMYK	0.58, 1.00, 0.00, 0.38
HSL	265°, 100%, 31%
HSV	265°, 100%, 62%
XYZ	8.4183, 3.6269, 32.6041
YIQ	37.7460, -11.3820, 63.1300

Conversions

Conversions Part 2

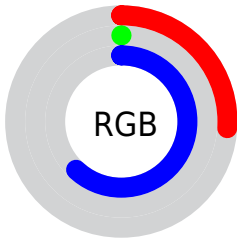
Format	Color
RYB	66, 0, 158
Decimal	4325534
CIELab	22.40, 57.37, -67.60
CIELCh	22, 88.664, 310.320
Yxy	3.6269, 0.1885, 0.0812
Android (android.graphics.Color)	4282515614 (0xFF42009E)
YUV	37.7460, 59.2852, 24.7788
Hunter-Lab	19.0444, 45.5761, -88.1740

Details

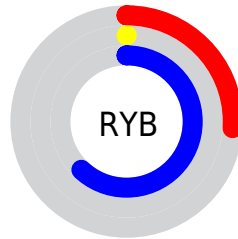
The YUV color **37.7460, 59.2852, 24.7788** is a dark color, and the websafe version is hex **330099**. A complement of this color would be **120.2540, -59.2852, -24.7788**, and the grayscale version is **37.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **98.4640, 56.9592, 24.1491**, and **11.9700, 45.8638, -10.4977** is the 20% darker color. If you saturate the color by 10%, you get **37.7460, 59.2852, 24.7788**, and if you desaturate by 10%, it is **49.8290, 53.3283, 22.0750**.

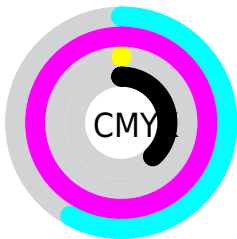
Distribution



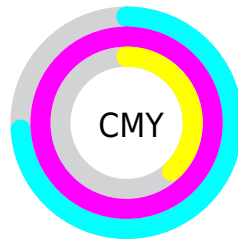
- Red (26%)
- Green (0%)
- Blue (62%)



- Red (26%)
- Yellow (0%)
- Blue (62%)



- Cyan (58%)
- Magenta (100%)
- Yellow (0%)
- Black (38%)



- Cyan (74%)
- Magenta (100%)
- Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the YUV color 37.7460, 59.2852, 24.7788 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 37.7460, 59.2852, 24.7788 by changing the saturation by 10% instead.

■ 37.7460, 59.2852,
24.7788

■ 37.7460, 59.2852,
24.7788

■ 255.0000, 0.0000,
0.0000

■ 23.9040, 52.7983,
5.3462

■ 98.4640, 56.9592,
24.1491

■ 11.9700, 45.8638,
-10.4977

■ 126.2900, 57.5380,
25.1787

■ 9.1200, 34.9438,
-7.9982

■ 151.5910, 50.9806,
28.4227

■ 9.3190, 23.0137,
-8.1728

■ 176.4100, 38.7449,
32.9664

■ 4.9360, 13.8356,
-4.3289

■ 201.2290, 26.5091,
37.5102

■ 0.7980, 3.0576,
-0.6998

■ 220.9540, 16.7847,

■ 0.0000, 0.0000,

29.8583

0.0000

■ 237.9770, 8.3923,
14.9292

■ 37.7460, 59.2852,
24.7788

■ 49.8290, 53.3283,
22.0750

■ 61.9120, 47.3714,
19.3712

■ 73.7070, 41.5564,
17.7970

■ 85.7900, 35.5995,
15.0932

■ 97.8730, 29.6426,
12.3894

■ 109.9560, 23.6857,
9.6856

■ 122.0390, 17.7288,
6.9818

■ 133.8340, 11.9138,
5.4076

■ 145.9170, 5.9569,
2.7038

Harmonies

Analogous

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



56.8800, 65.6282, -49.8838



37.7460, 59.2852, 24.7788



53.5590, 22.8954, 76.6858

Triad

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



37.7460, 59.2852, 24.7788



47.5100, -23.4224, 46.0337



52.1020, 11.7817, -45.6935

Complementary

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



37.7460, 59.2852, 24.7788



120.2540, -59.2852, -24.7788

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.



42.2640, -20.8362, -37.0655



37.7460, 59.2852, 24.7788



48.3870, -23.8548, -2.0934

Square

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



37.7460, 59.2852, 24.7788



41.5610, -20.4896, 85.4540



40.5030, -19.9680, -35.5211



60.6860, 39.5948, -53.2216

Rectangle

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



37.7460, 59.2852, 24.7788



52.8430, 2.0494, 89.5917



40.5030, -19.9680, -35.5211



49.4800, 1.7354, -43.3940

Sweetspot

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



37.7460, 59.2852, 24.7788



159.5430, 23.3963, 9.1708



72.0160, 42.3901, -63.1580



76.1160, 14.2398, 6.0373



232.0000, 0.0000, 0.0000



105.0000, 0.0000, 0.0000

Same Dimension

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



37.7460, 59.2852, 24.7788



49.3120, 77.7402, 32.1754



61.3670, 47.6401, 73.3461



72.8090, 3.0522, 1.0445



34.2420, 53.6177, 22.5898



3.5040, 5.6675, 2.1890

Inverse Universe

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



57.7300, 16.8951, 87.9368



75.5730, 21.9025, 115.2615



96.6330, -47.6401, -73.3461



73.9620, 1.0047, 4.4183



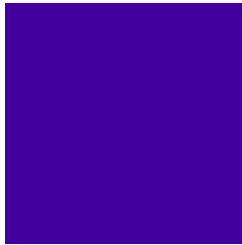
52.2190, 15.1750, 79.6149



5.5110, 1.7201, 8.3219

Previews

White Background



This preview shows how the YUV color 37.7460, 59.2852, 24.7788 looks on a white background.

Color Contrast Check

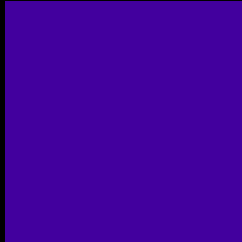
Large Text (above 18pt) WCAG AA ✓ Pass

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 37.7460, 59.2852, 24.7788 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

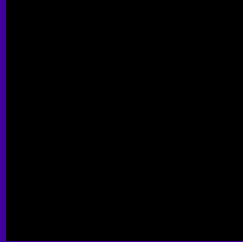
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 37.7460, 59.2852, 24.7788

Background



This preview shows how black text looks on a background with the YUV color 37.7460, 59.2852, 24.7788.



This preview shows how white text looks on a background with the YUV color 37.7460, 59.2852,

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



Protanopia

45.3950, 34.3153, -39.8114

Deuteranopia

45.2180, 26.0215, -39.6562

Tritanopia

51.7030, 7.0484, -20.7875

Trichromacy



Protanomaly

42.6550, 43.5541, -16.3604

Deuteranomaly

42.5750, 38.1705, -16.2903

Tritanomaly

46.7370, 25.7657, -4.1543

Monochromacy



Achromatopsia

38.0000, 0.0000, 0.0000

Achromatomaly

37.7880, 21.7965, 8.9559

CSS Examples

Text

The CSS property to change the color of the text to YUV 37.7460, 59.2852, 24.7788 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(66, 0, 158)` looks like.

```
.text, #text, p{  
    color:rgb(66, 0, 158)  
}
```

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(66, 0, 158) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(66, 0, 158) }
```

Border

The CSS property to change the border of an element to YUV 37.7460, 59.2852, 24.7788 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(66, 0, 158) }
```

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

```
.border{ border-color:rgb(66, 0, 158) }
```

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

Here you see how a box with a 4 pixel `rgb(66, 0, 158)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(66, 0, 158); -webkit-box-  
shadow:4px 4px 4px 4px rgb(66, 0, 158);  
box-shadow:4px 4px 4px 4px rgb(66, 0, 158)  
}
```


Background

The CSS property to change the background color of an element to YUV 37.7460, 59.2852, 24.7788 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(66, 0, 158) }
```

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

```
.background{ background-color: rgb(66, 0,  
158) }
```

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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