

Converting Colors

YUV(75.9610, 39.4592, -9.6128)

Have a look what the booklet for
YUV(75.9610, 39.4592, -9.6128)
contains.

YUV(75.9610, 39.4592, -9.6128)	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>	31

Color

**YUV(75.9610, 39.4592,
-9.6128)**

Conversions

Conversions Part 1

Format	Color
Hex	41429C
RGB	65, 66, 156
RGB Percent	25%, 26%, 61%
CMY	0.7451, 0.7412, 0.3882
CMYK	0.58, 0.58, 0.00, 0.39
HSL	239°, 41%, 43%
HSV	239°, 58%, 61%
XYZ	10.1289, 7.4205, 32.3509
YIQ	75.9610, -29.4860, 27.7780

Conversions

Conversions Part 2

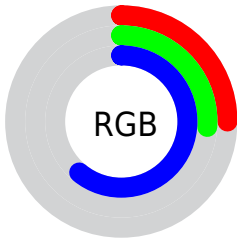
Format	Color
R _Y B	65, 66, 156
Decimal	4276892
CIE _{Lab}	32.75, 26.94, -49.41
CIE _{LCh}	33, 56.280, 298.602
Y _{xy}	7.4205, 0.2030, 0.1487
Android (android.graphics.Color)	4282466972 (0xFF41429C)
Y _{UV}	75.9610, 39.4592, -9.6128
Hunter-Lab	27.2407, 18.7007, -51.3441

Details

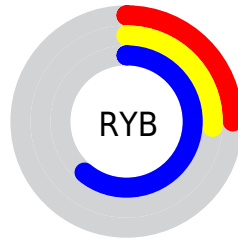
The YUV color **75.9610, 39.4592, -9.6128** is a dark color, and the websafe version is hex **333399**. A complement of this color would be **145.0390, -39.4592, 9.6128**, and the grayscale version is **76.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **127.1510, 41.3376, -5.3944**, and **25.3570, 38.7710, -22.2381** is the 20% darker color. If you saturate the color by 10%, you get **62.3720, 46.1586, -11.7272**, and if you desaturate by 10%, it is **89.5500, 32.7599, -7.4983**.

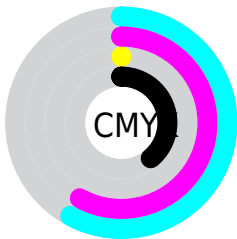
Distribution



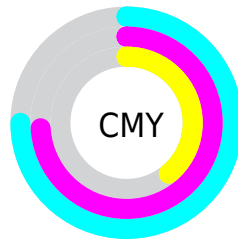
- Red (25%)
- Green (26%)
- Blue (61%)



- Red (25%)
- Yellow (26%)
- Blue (61%)



- Cyan (58%)
- Magenta (58%)
- Yellow (0%)
- Black (39%)



- Cyan (75%)
- Magenta (74%)
- Yellow (39%)

Brightness & Saturation Gradients

These gradients show how the YUV color 75.9610, 39.4592, -9.6128 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 75.9610, 39.4592, -9.6128 by changing the saturation by 10% instead.

■ 75.9610, 39.4592,
-9.6128

■ 75.9610, 39.4592,
-9.6128

■ 255.0000, 0.0000,
0.0000

■ 50.7000, 38.6019,
-14.6459

■ 127.1510, 41.3376,
-5.3944

■ 25.3570, 38.7710,
-22.2381

■ 154.0910, 42.3531,
-4.4648

■ 9.0060, 34.5070,
-7.8983

■ 179.4350, 37.2535,
-2.1355

■ 9.2050, 22.5769,
-8.0728

■ 203.9550, 25.1652,
1.7935

■ 4.9360, 13.8356,
-4.3289

■ 229.0620, 12.7874,
5.2076

■ 0.6840, 2.6208,
-0.5999

■ 252.0650, 1.4470,

■ 0.0000, 0.0000,

2.5740

0.0000

■ 75.9610, 39.4592,
-9.6128

■ 75.9610, 39.4592,
-9.6128

■ 62.3720, 46.1586,
-11.7272

■ 89.5500, 32.7599,
-7.4983

■ 48.4950, 53.0000,
-12.7121

■ 103.4270, 25.9185,
-6.5135

■ 34.9060, 59.6993,
-14.8266

■ 117.0160, 19.2191,
-4.3990

■ 21.0290, 66.5407,
-15.8114

■ 130.8930, 12.3778,
-3.4142

■ 18.9580, 67.5617,
-16.6262

■ 144.4820, 5.6784,
-1.2997

■ 158.6580, -1.3104,
0.2999

■ 171.9480, -7.8624,
1.7996

■ 185.5370,
-14.5617, 3.9141

■ 199.4140,
-21.4031, 4.8989

Harmonies

Analogous

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



68.3460, 48.6364, -59.9394



75.9610, 39.4592, -9.6128



75.0020, 24.1560, 45.6022

Triad

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



75.9610, 39.4592, -9.6128



70.8560, -34.9320, 50.9923



64.2010, 4.8309, -56.3043

Complementary

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



75.9610, 39.4592, -9.6128



145.0390, -39.4592, 9.6128

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.



57.5550, -15.5566, -50.4757



75.9610, 39.4592, -9.6128



73.0280, -36.0028, 21.0234

Square

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



75.9610, 39.4592, -9.6128



65.6180, -13.6157, 74.0030



66.0300, -32.5528, -12.3043



69.9180, 24.1974, -61.3181

Rectangle

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



75.9610, 39.4592, -9.6128



65.7510, 14.9128, 70.3784



66.0300, -32.5528, -12.3043



62.3770, -2.1579, -54.7046

Sweetspot

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



75.9610, 39.4592, -9.6128



171.8050, 15.8721, -4.2140



128.5630, 12.5404, -55.7448



82.5080, 9.6096, -2.1995



230.0000, 0.0000, 0.0000



102.0000, 0.0000, 0.0000

Same Dimension

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



75.9610, 39.4592, -9.6128



78.4760, 61.8833, -15.3265



88.5300, 33.2627, 17.9522



71.9120, 3.4944, -0.7998



17.4760, 61.8833, -15.3265



1.7100, 6.5520, -1.4997

Inverse Universe

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



92.3230, -12.9772, 55.8447



103.9850, -20.2056, 87.7132



132.4700, -33.2627, -17.9522



73.3920, -1.1793, 4.9182



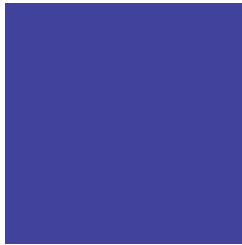
42.9850, -20.2056, 87.7132



4.4850, -2.2111, 9.2217

Previews

White Background



This preview shows how the YUV color 75.9610, 39.4592, -9.6128 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 75.9610, 39.4592, -9.6128 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

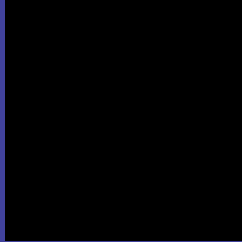
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 75.9610, 39.4592, -9.6128

Background



This preview shows how black text looks on a background with the YUV color 75.9610, 39.4592, -9.6128.



This preview shows how white text looks on a background with the YUV color 75.9610, 39.4592,

-9.6128.

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

75.9610, 39.4592, -9.6128

Protanopia

61.4500, 47.5992, -53.8916

Deuteranopia

61.9910, 36.9794, -54.3661



Tritanopia

70.6310, 9.5489, -29.4944

Trichromacy



Original Color

75.9610, 39.4592, -9.6128

Protanomaly

66.7510, 44.4928, -37.4926

Deuteranomaly

67.0300, 37.9462, -37.7373

Tritanomaly

72.2480, 20.5837, -22.1425

Monochromacy



Original Color

75.9610, 39.4592, -9.6128

Achromatopsia

76.0000, 0.0000, 0.0000

Achromatomaly

75.7620, 14.4143, -3.2993

CSS Examples

Text

The CSS property to change the color of the text to YUV 75.9610, 39.4592, -9.6128 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(65, 66, 156)` looks like.

```
.text, #text, p{  
    color:rgb(65, 66, 156)  
}
```

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(65, 66, 156) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(65, 66, 156) }
```

Border

The CSS property to change the border of an element to YUV 75.9610, 39.4592, -9.6128 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(65, 66, 156) }
```


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

```
.border{ border-color:rgb(65, 66, 156) }
```

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

Here you see how a box with a 4 pixel `rgb(65, 66, 156)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(65, 66, 156); -webkit-box-  
shadow:4px 4px 4px 4px rgb(65, 66, 156);  
box-shadow:4px 4px 4px 4px rgb(65, 66,  
156) }
```

Background

The CSS property to change the background color of an element to YUV 75.9610, 39.4592, -9.6128 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(65, 66, 156) }
```

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

```
.background{ background-color: rgb(65, 66,  
156) }
```

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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