

# Converting Colors

YUV(100.4410, 61.9006,  
25.9232)

Have a look what the booklet for  
YUV(100.4410, 61.9006, 25.9232)  
contains.

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# Color

**YUV(100.4410, 61.9006,  
25.9232)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	823DE2
RGB	130, 61, 226
RGB Percent	51%, 24%, 89%
CMY	0.4902, 0.7608, 0.1137
CMYK	0.42, 0.73, 0.00, 0.11
HSL	265°, 74%, 56%
HSV	265°, 73%, 89%
XYZ	24.6021, 13.5743, 73.2749
YIQ	100.4410, -11.8410, 65.9430

# Conversions

## Conversions Part 2

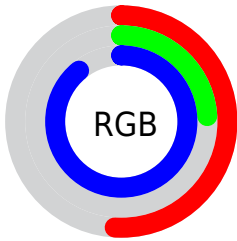
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	130, 61, 226
Decimal	8535522
CIE <sub>Lab</sub>	43.62, 61.68, -72.48
CIE <sub>LCh</sub>	44, 95.174, 310.400
Yxy	13.5743, 0.2207, 0.1218
Android (android.graphics.Color)	4286725602 (0xFF823DE2)
YUV	100.4410, 61.9006, 25.9232
Hunter-Lab	36.8433, 54.7176, -92.1271

# Details

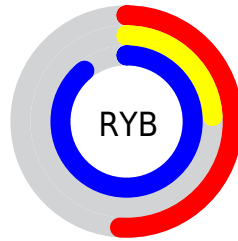
The YUV color **100.4410, 61.9006, 25.9232** is a dark color, and the websafe version is hex **6633CC**. The color can be described as middle washed purple. A complement of this color would be **186.5590, -61.9006, -25.9232**, and the grayscale version is **100.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **152.7980, 50.3856, 32.6262**, and **39.8970, 63.6478, 25.5233** is the 20% darker color. If you saturate the color by 10%, you get **83.0530, 70.4729, 29.7715**, and if you desaturate by 10%, it is **117.8290, 53.3283, 22.0750**.

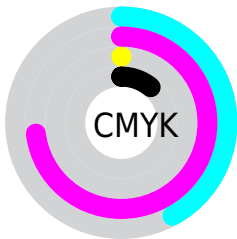
# Distribution



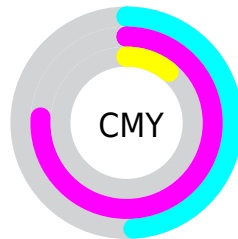
- Red (51%)
- Green (24%)
- Blue (89%)



- Red (51%)
- Yellow (24%)
- Blue (89%)



- Cyan (42%)
- Magenta (73%)
- Yellow (0%)
- Black (11%)



- Cyan (49%)
- Magenta (76%)
- Yellow (11%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 100.4410, 61.9006, 25.9232 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 100.4410, 61.9006, 25.9232 by changing the saturation by 10% instead.



100.4410, 61.9006,  
25.9232

100.4410, 61.9006,  
25.9232

255.0000, 0.0000,  
0.0000

71.7290, 61.7586,  
24.7937

152.7980, 50.3856,  
32.6262

39.8970, 63.6478,  
25.5233

178.2040, 37.8604,  
36.6551

25.4570, 57.4557,  
4.8612

203.0230, 25.6247,  
41.1988

13.2240, 50.6686,  
-11.5974

220.9540, 16.7847,  
29.8583

10.2600, 39.3118,  
-8.9980

237.9770, 8.3923,  
14.9292

11.5190, 26.3661,  
-10.1022

6.5490, 17.4773,

-5.7435

■ 2.8670, 8.4466,  
-2.5144

■ 0.0000, 0.0000,  
0.0000

■ 100.4410, 61.9006,  
25.9232

■ 100.4410, 61.9006,  
25.9232

■ 83.0530, 70.4729,  
29.7715

■ 117.8290, 53.3283,  
22.0750

■ 66.2520, 78.7558,  
33.1050

■ 134.6300, 45.0454,  
18.7415

■ 54.1690, 84.7127,  
35.8088

■ 152.0180, 36.4731,  
14.8932

■ 169.1180, 28.0428,  
12.1745

■ 186.5060, 19.4705,  
8.3262

■ 203.8940, 10.8983,  
4.4780

■ 220.6950, 2.6154,  
1.1445

■ 238.0830, -5.9569,  
-2.7038

■ 249.6010,  
-11.6353, -1.4041

# Harmonies

## Analogous

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



91.8790, 80.4187, -80.5779



100.4410, 61.9006, 25.9232



81.1010, 37.9112, 113.9214

# Triad

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



100.4410, 61.9006, 25.9232



95.7190, -47.1895, 62.5134



92.3040, 18.5841, -80.9506

# Complementary

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



100.4410, 61.9006, 25.9232



186.5590, -61.9006, -25.9232

# 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.



81.3260, -18.4017, -71.3229



100.4410, 61.9006, 25.9232



94.1820, -46.4317, 5.9794

# Square

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



100.4410, 61.9006, 25.9232



63.6870, -31.3977, 130.9475



72.7880, -35.8845, -63.8351



101.5550, 51.4914, -89.0637



# Rectangle

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



100.4410, 61.9006, 25.9232



80.8540, 12.3970, 130.8010



72.7880, -35.8845, -63.8351



89.1120, 6.3538, -78.1512

# Sweetspot

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



100.4410, 61.9006, 25.9232



212.2610, 21.0703, 8.5411



136.1620, 44.2901, -65.9171



102.0620, 12.7874, 5.2076



0.0000, 0.0000, 0.0000



128.0000, 0.0000, 0.0000



# Same Dimension

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



100.4410, 61.9006, 25.9232



84.3430, 84.1339, 34.7792



124.9590, 49.8132, 76.3350



103.7490, 4.0677, 1.9741



42.1900, 65.9683, 27.8974



11.4520, 18.0182, 7.4966



# Inverse Universe

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



121.2790, 17.6105, 91.8403



112.7960, 23.7646, 124.7129



162.0410, -49.8132, -76.3350



105.0870, 1.4361, 6.0627



64.2520, 18.6098, 98.0030

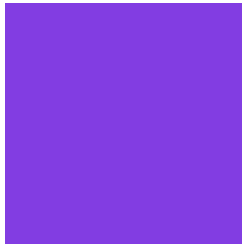


17.5440, 5.1548, 26.7099



# Previews

## White Background



This preview shows how the YUV color 100.4410, 61.9006, 25.9232 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

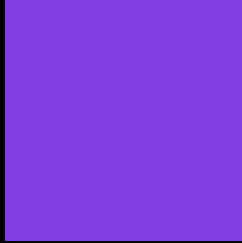
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YUV color 100.4410, 61.9006, 25.9232 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

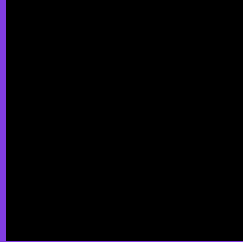
Any Text WCAG AA × Fail

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 100.4410, 61.9006, 25.9232 Background



This preview shows how black text looks on a background with the YUV color 100.4410, 61.9006, 25.9232.



This preview shows how white text looks on a background with the YUV color 100.4410, 61.9006,



# 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

100.4410, 61.9006, 25.9232

### Protanopia

82.0530, 63.0779, -71.9605

### Deuteranopia

82.8560, 48.3850, -72.6647



## Tritanopia

103.2110, 3.3470, -0.1850

# Trichromacy



## Original Color

100.4410, 61.9006, 25.9232



## Protanomaly

88.5720, 62.8220, -36.4586



## Deuteranomaly

89.3410, 53.0759, -37.1331



## Tritanomaly

102.1840, 24.5593, 9.4856

# Monochromacy



## Original Color

100.4410, 61.9006, 25.9232



## Achromatopsia

100.0000, 0.0000, 0.0000



## Achromatomaly

100.3150, 22.5227, 9.3707

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 100.4410, 61.9006, 25.9232 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(130, 61, 226)` looks like.

```
.text, #text, p{  
    color:rgb(130, 61, 226)  
}
```

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(130, 61, 226) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(130, 61, 226) }
```

## Border

The CSS property to change the border of an element to YUV 100.4410, 61.9006, 25.9232 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(130, 61, 226) }
```



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

```
.border{ border-color:rgb(130, 61, 226) }
```

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

Here you see how a box with a 4 pixel `rgb(130, 61, 226)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(130, 61, 226); -webkit-box-  
shadow:4px 4px 4px 4px rgb(130, 61, 226);  
box-shadow:4px 4px 4px 4px rgb(130, 61,  
226) }
```

# Background

The CSS property to change the background color of an element to YUV 100.4410, 61.9006, 25.9232 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(130, 61, 226) }
```

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

```
.background{ background-color: rgb(130, 61,  
226) }
```

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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