

Converting Colors

YUV(38.7810, 25.7440, 2.8231)

Have a look what the booklet for
YUV(38.7810, 25.7440, 2.8231)
contains.

YUV(38.7810, 25.7440, 2.8231)	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(38.7810, 25.7440,
2.8231)**

Conversions

Conversions Part 1

Format	Color
Hex	2A1B5B
RGB	42, 27, 91
RGB Percent	16%, 11%, 36%
CMY	0.8353, 0.8941, 0.6431
CMYK	0.54, 0.70, 0.00, 0.64
HSL	254°, 54%, 23%
HSV	254°, 70%, 36%
XYZ	3.2351, 2.0314, 10.1191
YIQ	38.7810, -11.6040, 23.0840

Conversions

Conversions Part 2

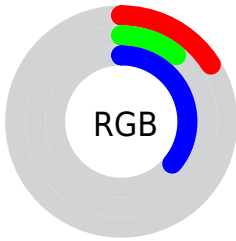
Format	Color
R_{YB}	42, 27, 91
Decimal	2759515
CIE Lab	15.65, 25.61, -36.02
CIE LCh	16, 44.198, 305.413
Yxy	2.0314, 0.2103, 0.1320
Android (android.graphics.Color)	4280949595 (0xFF2A1B5B)
YUV	38.7810, 25.7440, 2.8231
Hunter-Lab	14.2529, 15.5734, -32.1173

Details

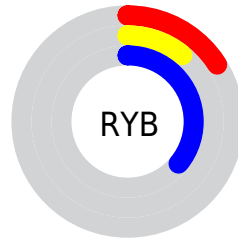
The YUV color **38.7810, 25.7440, 2.8231** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **79.2190, -25.7440, -2.8231**, and the grayscale version is **39.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **86.2590, 27.4803, 5.9119**, and **5.0160, 19.2191, -4.3990** is the 20% darker color. If you saturate the color by 10%, you get **31.4050, 29.3803, 3.1528**, and if you desaturate by 10%, it is **46.1570, 22.1076, 2.4933**.

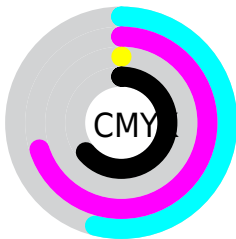
Distribution



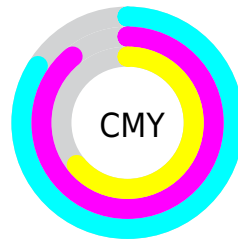
- Red (16%)
- Green (11%)
- Blue (36%)



- Red (16%)
- Yellow (11%)
- Blue (36%)



- Cyan (54%)
- Magenta (70%)
- Yellow (0%)
- Black (64%)



- Cyan (84%)
- Magenta (89%)
- Yellow (64%)

Brightness & Saturation Gradients

These gradients show how the YUV color 38.7810, 25.7440, 2.8231 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 38.7810, 25.7440, 2.8231 by changing the saturation by 10% instead.

■ 38.7810, 25.7440,
2.8231

■ 38.7810, 25.7440,
2.8231

■ 255.0000, 0.0000,
0.0000

■ 15.3570, 25.4600,
0.5639

■ 86.2590, 27.4803,
5.9119

■ 5.0160, 19.2191,
-4.3990

■ 110.6120, 28.7853,
7.3563

■ 3.2090, 9.7570,
-2.8143

■ 136.1390, 29.5115,
7.7711

■ 0.0000, 0.0000,
0.0000


■ 162.6660, 30.2377,
8.1859


■ 190.1930, 30.9639,
8.6007


■ 214.9410, 19.7491,


12.3297


 239.7380, 7.5242,
13.3848


 38.7810, 25.7440,
2.8231


 38.7810, 25.7440,
2.8231


 31.4050, 29.3803,
3.1528


 46.1570, 22.1076,
2.4933


 24.0290, 33.0167,
3.4826

 53.5330, 18.4712,
2.1636

 16.6530, 36.6531,
3.8123

 60.9090, 14.8349,
1.8338

 68.2850, 11.1985,
1.5041

 76.2480, 7.2727,
0.6595

■ 83.6240, 3.6364,
0.3298

■ 91.0000, 0.0000,
0.0000

■ 98.3760, -3.6364,
-0.3298

■ 105.7520, -7.2727,
-0.6595

Harmonies

Analogous

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



36.3960, 32.8358, -31.9193



38.7810, 25.7440, 2.8231



31.1450, 17.1835, 41.9688

Triad

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



38.7810, 25.7440, 2.8231



36.4800, -17.9846, 28.5200



34.9530, 4.4602, -30.6538

Complementary

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



38.7810, 25.7440, 2.8231



79.2190, -25.7440, -2.8231

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.



30.2620, -10.9752, -26.5398



38.7810, 25.7440, 2.8231



36.9350, -18.2090, 7.0730

Square

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



38.7810, 25.7440, 2.8231



26.6000, -13.1138, 52.9708



29.9810, -14.7806, -19.2773



38.4870, 18.0009, -33.7531

Rectangle

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



38.7810, 25.7440, 2.8231



31.7410, 6.5367, 50.2161



29.9810, -14.7806, -19.2773



33.6990, -0.3446, -29.5540

Sweetspot

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



38.7810, 25.7440, 2.8231



97.2310, 9.7461, 0.6744



63.0590, 13.7749, -31.6237



46.6070, 6.1097, 0.3447



186.0000, 0.0000, 0.0000



59.0000, 0.0000, 0.0000

Same Dimension

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



38.7810, 25.7440, 2.8231



37.0490, 39.4158, 4.3420



48.3490, 21.0269, 22.4959



41.8690, 2.0366, 0.1149



20.3140, 44.2152, 4.9866



43.7620, 95.2663, 10.7327

Inverse Universe

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



51.7220, 11.9691, 34.4468



56.8520, 18.3140, 52.7498



69.6510, -21.0269, -22.4959



42.9510, 1.0102, 2.6740



42.4660, 20.4763, 59.2273



91.6110, 44.5618, 127.5062

Previews

White Background



This preview shows how the YUV color 38.7810, 25.7440, 2.8231 looks on a white background.

Color Contrast Check

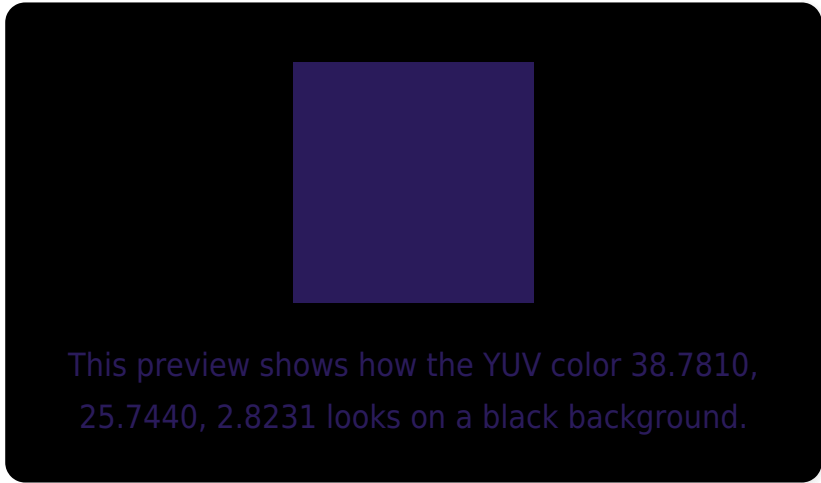
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

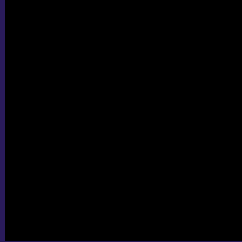
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 38.7810, 25.7440, 2.8231

Background



This preview shows how black text looks on a background with the YUV color 38.7810, 25.7440, 2.8231.



This preview shows how white text looks on a background with the YUV color 38.7810, 25.7440,

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

38.7810, 25.7440, 2.8231

Protanopia

31.5400, 24.3838, -27.6606

Deuteranopia

32.0470, 18.7108, -28.1052



Tritanopia

37.9710, 3.9583, -9.6216

Trichromacy



Original Color

38.7810, 25.7440, 2.8231

Protanomaly

34.1330, 25.0774, -16.7796

Deuteranomaly

34.5090, 21.4411, -17.1094

Tritanomaly

38.3550, 11.6570, -5.5733

Monochromacy



Original Color

38.7810, 25.7440, 2.8231

Achromatopsia

39.0000, 0.0000, 0.0000

Achromatomaly

39.1170, 9.3093, 0.7744

CSS Examples

Text

The CSS property to change the color of the text to YUV 38.7810, 25.7440, 2.8231 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(42, 27, 91)` looks like.

```
.text, #text, p{  
    color:rgb(42, 27, 91)  
}
```

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(42, 27, 91) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(42, 27, 91) }
```

Border

The CSS property to change the border of an element to YUV 38.7810, 25.7440, 2.8231 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(42, 27, 91) }
```


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

```
.border{ border-color:rgb(42, 27, 91) }
```

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

Here you see how a box with a 4 pixel `rgb(42, 27, 91)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(42, 27, 91); -webkit-box-  
shadow:4px 4px 4px 4px rgb(42, 27, 91);  
box-shadow:4px 4px 4px 4px rgb(42, 27, 91)  
}
```

Background

The CSS property to change the background color of an element to YUV 38.7810, 25.7440, 2.8231 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(42, 27, 91) }
```

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

```
.background{ background-color: rgb(42, 27,  
91) }
```

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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