

Converting Colors

YUV(25.7910, 23.7670,
-16.4797)

Have a look what the booklet for
YUV(25.7910, 23.7670, -16.4797)
contains.

YUV(25.7910, 23.7670, -16.4797)	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(25.7910, 23.7670,
-16.4797)**

Conversions

Conversions Part 1	
Format	Color
Hex	071A4A
RGB	7, 26, 74
RGB Percent	3%, 10%, 29%
CMY	0.9725, 0.8980, 0.7098
CMYK	0.91, 0.65, 0.00, 0.71
HSL	223°, 83%, 16%
HSV	223°, 91%, 29%
XYZ	1.6930, 1.2784, 6.6361
YIQ	25.7910, -26.7320, 10.9000

Conversions

Conversions Part 2

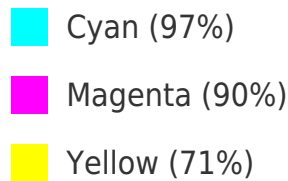
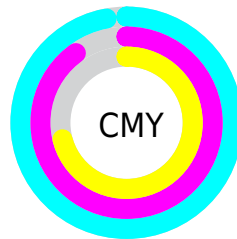
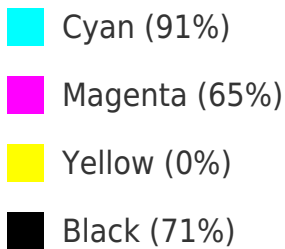
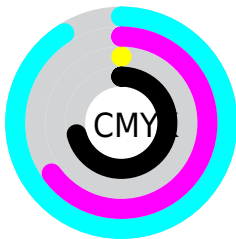
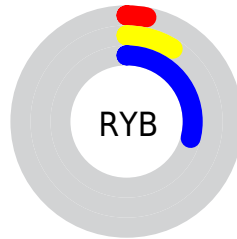
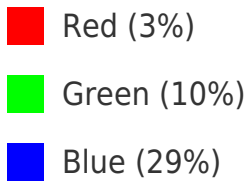
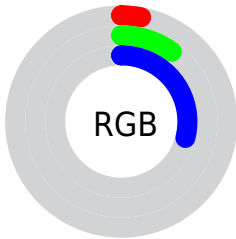
Format	Color
RYB	7, 22, 74
Decimal	465482
CIELab	11.12, 13.67, -31.94
CIELCh	11, 34.745, 293.169
Yxy	1.2784, 0.1762, 0.1331
Android (android.graphics.Color)	4278655562 (0xFF071A4A)
YUV	25.7910, 23.7670, -16.4797
Hunter-Lab	11.3065, 6.9424, -26.8843

Details

The YUV color **25.7910, 23.7670, -16.4797** is a dark color, and the websafe version is hex **000033**. A complement of this color would be **55.2090, -23.7670, 16.4797**, and the grayscale version is **26.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **73.3620, 24.4715, -9.0875**, and **4.4800, 12.0884, -3.9290** is the 20% darker color. If you saturate the color by 10%, you get **20.7630, 26.2458, -18.2092**, and if you desaturate by 10%, it is **30.8190, 21.2882, -14.7503**.


Distribution




Brightness & Saturation Gradients


These gradients show how the YUV color 25.7910, 23.7670, -16.4797 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 25.7910, 23.7670, -16.4797 by changing the saturation by 10% instead.


 25.7910, 23.7670,
-16.4797


 25.7910, 23.7670,
-16.4797


 252.6410, 1.1630,
0.3148


 5.8140, 22.2767,
-5.0989


 73.3620, 24.4715,
-9.0875


 4.4800, 12.0884,
-3.9290

 97.3020, 25.4871,
-8.1579

 0.0000, 0.0000,
0.0000

 122.8290, 26.2133,
-7.7430


 148.7690, 27.2289,
-6.8134


 175.8830, 27.6657,
-6.9134


 202.7260, 25.7711,


-5.8987


 227.5340, 13.5407,
-3.0993


 25.7910, 23.7670,
-16.4797


 25.7910, 23.7670,
-16.4797


 20.7630, 26.2458,
-18.2092

 30.8190, 21.2882,
-14.7503

 36.7330, 18.3726,
-12.9208

 41.7610, 15.8938,
-11.1914

 47.0880, 13.2676,
-8.8472

 52.7030, 10.4994,
-7.6325

■ 57.7310, 8.0206,
-5.9031

■ 63.0580, 5.3944,
-3.5589

■ 68.0860, 2.9156,
-1.8294

■ 74.0000, 0.0000,
0.0000

Harmonies

Analogous

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



29.4370, 23.9416, -25.8162



25.7910, 23.7670, -16.4797



28.7310, 14.9226, 20.4069

Triad

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



25.7910, 23.7670, -16.4797



26.7450, -13.1853, 29.1646



26.1020, -1.5293, -22.8915

Complementary

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



25.7910, 23.7670, -16.4797



55.2090, -23.7670, 16.4797

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.



22.3060, -10.9969, -19.5624



25.7910, 23.7670, -16.4797



28.7060, -14.1521, 12.5358

Square

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



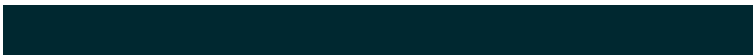
25.7910, 23.7670, -16.4797



21.6570, -6.2399, 41.5198



26.2370, -12.9348, -4.5928



28.9520, 9.3907, -25.3909

Rectangle

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



25.7910, 23.7670, -16.4797



24.1520, 9.7851, 34.9467



26.2370, -12.9348, -4.5928



25.0760, -5.4605, -21.9917

Sweetspot

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



25.7910, 23.7670, -16.4797



78.0730, 9.3310, -6.2030



51.6870, 1.1403, -39.1905



37.0580, 5.3944, -3.5589



176.0000, 0.0000, 0.0000



48.0000, 0.0000, 0.0000

Same Dimension

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



25.7910, 23.7670, -16.4797



26.9070, 34.5558, -23.5974



18.5250, 27.3492, 1.2936



35.6300, 1.1684, -1.4295



28.6510, 36.1611, -25.1269



64.3750, 81.6531, -56.4569

Inverse Universe

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



29.1990, -1.5771, 39.2905



32.0810, -2.5049, 56.9340



62.4750, -27.3492, -1.2936



35.4240, 0.2840, 2.2592



33.8040, -2.3684, 59.8079



76.1800, -5.5117, 134.9001

Previews

White Background



This preview shows how the YUV color 25.7910, 23.7670, -16.4797 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 25.7910, 23.7670, -16.4797 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

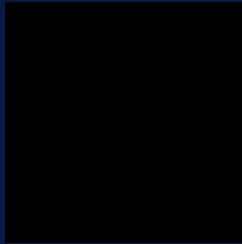
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 25.7910, 23.7670, -16.4797

Background



This preview shows how black text looks on a background with the YUV color 25.7910, 23.7670, -16.4797.



This preview shows how white text looks on a background with the YUV color 25.7910, 23.7670,

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

25.7910, 23.7670, -16.4797

Protanopia

24.7920, 18.8365, -21.7426

Deuteranopia

24.8260, 13.8898, -21.7724



Tritanopia
24.0620, 5.8854, -21.1024

Trichromacy



Original Color
25.7910, 23.7670, -16.4797

Protanomaly
25.5580, 20.4309, -19.7834

Deuteranomaly
25.4610, 17.5207, -19.6983

Tritanomaly
24.7940, 12.4266, -19.1133

Monochromacy



Original Color
25.7910, 23.7670, -16.4797

Achromatopsia
26.0000, 0.0000, 0.0000

Achromatomaly
25.8450, 8.4574, -6.0031

CSS Examples

Text

The CSS property to change the color of the text to YUV 25.7910, 23.7670, -16.4797 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(7, 26, 74)` looks like.

```
.text, #text, p{  
    color:rgb(7, 26, 74)  
}
```

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(7, 26, 74) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(7, 26, 74) }
```

Border

The CSS property to change the border of an element to YUV 25.7910, 23.7670, -16.4797 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(7, 26, 74) }
```


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

```
.border{ border-color:rgb(7, 26, 74) }
```

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

Here you see how a box with a 4 pixel rgb(7, 26, 74) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(7, 26, 74); -webkit-box-shadow:4px  
4px 4px 4px rgb(7, 26, 74); box-shadow:4px  
4px 4px 4px rgb(7, 26, 74) }
```

Background

The CSS property to change the background color of an element to YUV 25.7910, 23.7670, -16.4797 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(7, 26, 74) }
```

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

```
.background{ background-color: rgb(7, 26,  
74) }
```

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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