

Converting Colors

YUV(25.4740, 31.3183,
-11.8167)

Have a look what the booklet for
YUV(25.4740, 31.3183, -11.8167)
contains.

YUV(25.4740, 31.3183, -11.8167)	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(25.4740, 31.3183,
-11.8167)**

Conversions

Conversions Part 1

Format	Color
Hex	0C1459
RGB	12, 20, 89
RGB Percent	5%, 8%, 35%
CMY	0.9529, 0.9216, 0.6510
CMYK	0.87, 0.78, 0.00, 0.65
HSL	234°, 76%, 20%
HSV	234°, 87%, 35%
XYZ	2.2049, 1.2997, 9.5859
YIQ	25.4740, -26.9170, 19.7630

Conversions

Conversions Part 2

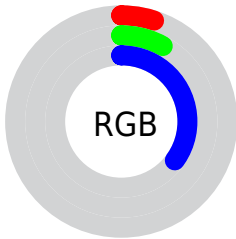
Format	Color
R_{YB}	12, 19, 89
Decimal	791641
CIE _{Lab}	11.27, 25.04, -41.95
CIE _{LCh}	11, 48.855, 300.836
Yxy	1.2997, 0.1684, 0.0993
Android (android.graphics.Color)	4278981721 (0xFF0C1459)
YUV	25.4740, 31.3183, -11.8167
Hunter-Lab	11.4006, 14.5718, -41.8717

Details

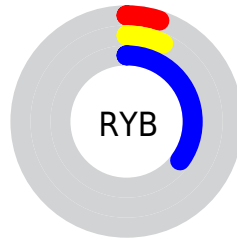
The YUV color **25.4740, 31.3183, -11.8167** is a dark color, and the websafe version is hex **000033**. A complement of this color would be **75.5260, -31.3183, 11.8167**, and the grayscale version is **25.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **74.1700, 32.4542, -2.7801**, and **6.5490, 17.4773, -5.7435** is the 20% darker color. If you saturate the color by 10%, you get **18.0870, 34.9601, -13.2313**, and if you desaturate by 10%, it is **32.8610, 27.6765, -10.4021**.

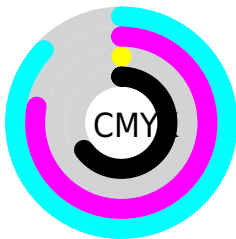
Distribution



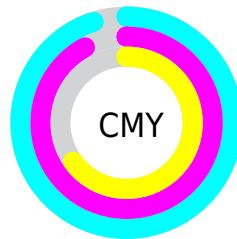
- Red (5%)
- Green (8%)
- Blue (35%)



- Red (5%)
- Yellow (7%)
- Blue (35%)



- Cyan (87%)
- Magenta (78%)
- Yellow (0%)
- Black (65%)



- Cyan (95%)
- Magenta (92%)
- Yellow (65%)

Brightness & Saturation Gradients

These gradients show how the YUV color 25.4740, 31.3183, -11.8167 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 25.4740, 31.3183, -11.8167 by changing the saturation by 10% instead.

■ 25.4740, 31.3183,
-11.8167

■ 25.4740, 31.3183,
-11.8167

■ 249.7170, 2.6045,
4.6332

■ 7.4100, 28.3919,
-6.4986

■ 74.1700, 32.4542,
-2.7801

■ 6.5490, 17.4773,
-5.7435

■ 98.8220, 33.6118,
-0.7209

■ 2.8670, 8.4466,
-2.5144

■ 124.3490, 34.3379,
-0.3061

■ 0.0000, 0.0000,
0.0000

■ 150.5880, 35.2061,
1.2383

■ 177.2290, 36.3691,
1.5532

■ 202.7920, 25.7385,

4.5674

■ 227.3120, 13.6502,
8.4964

■ 25.4740, 31.3183,
-11.8167

■ 25.4740, 31.3183,
-11.8167

■ 18.0870, 34.9601,
-13.2313

■ 32.8610, 27.6765,
-10.4021

■ 15.4290, 36.2705,
-13.5312

■ 40.2480, 24.0347,
-8.9875

■ 47.6350, 20.3929,
-7.5729

■ 55.0220, 16.7512,
-6.1583

■ 62.4090, 13.1094,
-4.7437

■ 69.4970, 9.6150,
-3.9439

■ 76.8840, 5.9732,
-2.5293

■ 84.2710, 2.3314,
-1.1147

■ 91.6580, -1.3104,
0.2999

Harmonies

Analogous

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



31.8310, 33.1143, -27.9158



25.4740, 31.3183, -11.8167



27.5140, 17.4946, 35.5062

Triad

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



25.4740, 31.3183, -11.8167



25.8810, -12.7593, 32.5534



29.2480, 0.3707, -25.6505

Complementary

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



25.4740, 31.3183, -11.8167



75.5260, -31.3183, 11.8167

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.



24.6540, -12.1544, -21.6216



25.4740, 31.3183, -11.8167



28.3850, -13.9938, 8.4324

Square

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



25.4740, 31.3183, -11.8167



23.9200, -11.7926, 49.1822



21.7190, -10.7075, -19.0476



33.1240, 15.2219, -29.0497

Rectangle

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



25.4740, 31.3183, -11.8167



28.7080, 6.5530, 44.9831



21.7190, -10.7075, -19.0476



27.2930, -4.5814, -23.9360

Sweetspot

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



25.4740, 31.3183, -11.8167



90.1810, 12.2358, -4.5437



64.9510, 7.4192, -46.4380



43.3400, 7.7204, -2.9292



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.



25.4740, 31.3183, -11.8167



20.1540, 46.7591, -17.6751



29.7480, 29.2112, 10.7450



39.4560, 1.7472, -0.3999



18.6550, 43.5541, -16.3604



40.8780, 95.7021, -35.8500

Inverse Universe

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



35.9350, -7.8560, 46.5380



35.7530, -11.7102, 69.4996



71.2520, -29.2112, -10.7450



40.1960, -0.5896, 2.4591



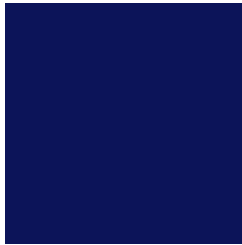
33.2470, -10.9678, 64.6814



73.0010, -24.1575, 142.0731

Previews

White Background



This preview shows how the YUV color 25.4740, 31.3183, -11.8167 looks on a white background.

Color Contrast Check

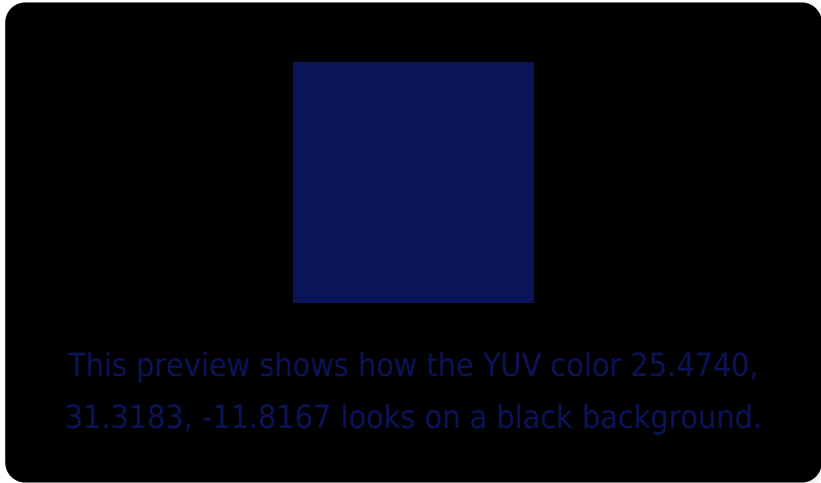
Large Text (above 18pt) WCAG AA ✓ Pass

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

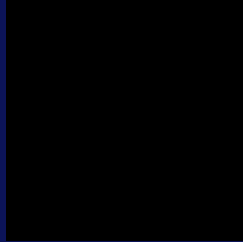
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 25.4740, 31.3183, -11.8167

Background



This preview shows how black text looks on a background with the YUV color 25.4740, 31.3183, -11.8167.



This preview shows how white text looks on a background with the YUV color 25.4740, 31.3183, -11.8167.

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

25.4740, 31.3183, -11.8167

Protanopia

24.9060, 19.2733, -21.8426

Deuteranopia

24.9400, 14.3266, -21.8724



Tritanopia

24.7630, 6.0328, -21.7172

Trichromacy



Original Color

25.4740, 31.3183, -11.8167

Protanomaly

24.7800, 23.7725, -18.2241

Deuteranomaly

25.2700, 20.5729, -18.6538

Tritanomaly

25.1900, 15.1893, -18.5836

Monochromacy



Original Color

25.4740, 31.3183, -11.8167

Achromatopsia

25.0000, 0.0000, 0.0000

Achromatomaly

24.9530, 11.3622, -4.3438

CSS Examples

Text

The CSS property to change the color of the text to YUV 25.4740, 31.3183, -11.8167 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(12, 20, 89)` looks like.

```
.text, #text, p{  
    color:rgb(12, 20, 89)  
}
```

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(12, 20, 89) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(12, 20, 89) }
```

Border

The CSS property to change the border of an element to YUV 25.4740, 31.3183, -11.8167 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(12, 20, 89) }
```


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

```
.border{ border-color:rgb(12, 20, 89) }
```

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

Here you see how a box with a 4 pixel `rgb(12, 20, 89)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(12, 20, 89); -webkit-box-  
shadow:4px 4px 4px 4px rgb(12, 20, 89);  
box-shadow:4px 4px 4px 4px rgb(12, 20, 89)  
}
```

Background

The CSS property to change the background color of an element to YUV 25.4740, 31.3183, -11.8167 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(12, 20, 89) }
```

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

```
.background{ background-color: rgb(12, 20,  
89) }
```

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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