

Converting Colors

YUV(30.3800, 20.5187, -1.2103)

Have a look what the booklet for
YUV(30.3800, 20.5187, -1.2103)
contains.

YUV(30.3800, 20.5187, -1.2103)	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(30.3800, 20.5187,
-1.2103)**

Conversions

Conversions Part 1

Format	Color
Hex	1D1748
RGB	29, 23, 72
RGB Percent	11%, 9%, 28%
CMY	0.8863, 0.9098, 0.7176
CMYK	0.60, 0.68, 0.00, 0.72
HSL	247°, 52%, 19%
HSV	247°, 68%, 28%
XYZ	1.9828, 1.3419, 6.2854
YIQ	30.3800, -12.1530, 16.5110

Conversions

Conversions Part 2

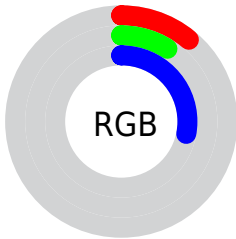
Format	Color
RYB	29, 23, 72
Decimal	1906504
CIELab	11.57, 18.83, -29.77
CIELCh	12, 35.222, 302.309
Yxy	1.3419, 0.2063, 0.1396
Android (android.graphics.Color)	4280096584 (0xFF1D1748)
YUV	30.3800, 20.5187, -1.2103
Hunter-Lab	11.5840, 10.2813, -24.0616




Details

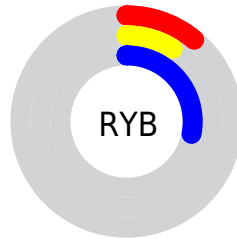
The YUV color **30.3800, 20.5187, -1.2103** is a dark color, and the websafe version is hex **000033**. A complement of this color would be **64.6200, -20.5187, 1.2103**, and the grayscale version is **30.0000, 0.0000, 0.0000**.




A 20% lighter version of the original color is **75.8580, 22.2550, 1.8785**, and **3.7790, 11.9410, -3.3142** is the 20% darker color. If you saturate the color by 10%, you get **24.4770, 23.4288, -1.2953**, and if you desaturate by 10%, it is **36.2830, 17.6085, -1.1252**.

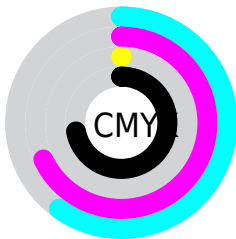
Distribution







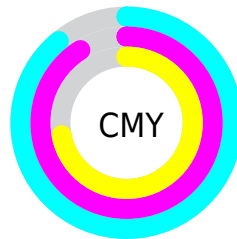
-  Red (11%)
-  Green (9%)
-  Blue (28%)






-  Red (11%)
-  Yellow (9%)
-  Blue (28%)



-  Cyan (60%)
-  Magenta (68%)
-  Yellow (0%)
-  Black (72%)



-  Cyan (89%)
-  Magenta (91%)
-  Yellow (72%)

Brightness & Saturation Gradients

These gradients show how the YUV color 30.3800, 20.5187, -1.2103 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 30.3800, 20.5187, -1.2103 by changing the saturation by 10% instead.

■ 30.3800, 20.5187,
-1.2103

■ 30.3800, 20.5187,
-1.2103

■ 252.0650, 1.4470,
2.5740

■ 8.2770, 20.0764,
0.6341

■ 75.8580, 22.2550,
1.8785

■ 3.7790, 11.9410,
-3.3142

■ 100.3850, 22.9812,
2.2934

■ 0.0000, 0.0000,
0.0000

■ 125.3250, 23.9968,
3.2230

■ 151.4390, 24.4336,
3.1230

■ 178.3790, 25.4492,
4.0526

■ 205.4500, 24.4282,

4.8674

■ 230.2580, 12.1978,
7.6667

■ 30.3800, 20.5187,
-1.2103

■ 30.3800, 20.5187,
-1.2103

■ 24.4770, 23.4288,
-1.2953

■ 36.2830, 17.6085,
-1.1252

■ 18.2750, 26.4864,
-1.9952

■ 42.4850, 14.5509,
-0.4253

■ 11.7850, 29.6860,
-1.5654

■ 48.9750, 11.3513,
-0.8551

■ 10.8990, 30.1228,
-1.6654

■ 54.8780, 8.4411,
-0.7700

■ 61.0800, 5.3836,
-0.0702

■ 66.9830, 2.4734,
0.0149

■ 72.8860, -0.4368,
0.1000

■ 79.6750, -3.7838,
0.2850

■ 85.5780, -6.6940,
0.3701

Harmonies

Analogous

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



28.4910, 25.3939, -24.9866



30.3800, 20.5187, -1.2103



27.5040, 12.5695, 28.4990

Triad

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



30.3800, 20.5187, -1.2103



28.7830, -14.1900, 24.7463



27.7150, 2.1125, -24.3061

Complementary

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



30.3800, 20.5187, -1.2103



64.6200, -20.5187, 1.2103

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.



23.5940, -11.1388, -20.6919



30.3800, 20.5187, -1.2103



28.9720, -14.2832, 7.9176

Square

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



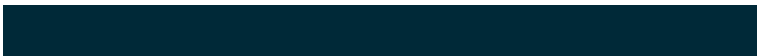
30.3800, 20.5187, -1.2103



22.3920, -11.0393, 40.8752



25.0190, -12.3344, -10.5407



30.4510, 12.5957, -26.7055

Rectangle

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



30.3800, 20.5187, -1.2103



24.9630, 6.4272, 38.6204



25.0190, -12.3344, -10.5407



26.6890, -1.8187, -23.4063

Sweetspot

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



30.3800, 20.5187, -1.2103



78.0630, 7.8569, -0.0553



53.8270, 8.9593, -27.0353



38.5530, 4.6574, -0.4850



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.



30.3800, 20.5187, -1.2103



28.4690, 32.3068, -2.1653



37.5560, 16.9809, 13.5444



32.7550, 1.5998, 0.2149



14.8740, 41.4741, -2.5205



34.2500, 95.0258, -5.4813

Inverse Universe

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



42.5530, 11.5594, 25.8250



47.7750, 18.3519, 40.5393



57.4440, -16.9809, -13.5444



33.5380, 0.7208, 2.1592



39.5190, 23.4081, 52.1648



90.5590, 53.4614, 119.6588

Previews

White Background



This preview shows how the YUV color 30.3800, 20.5187, -1.2103 looks on a white background.

Color Contrast Check

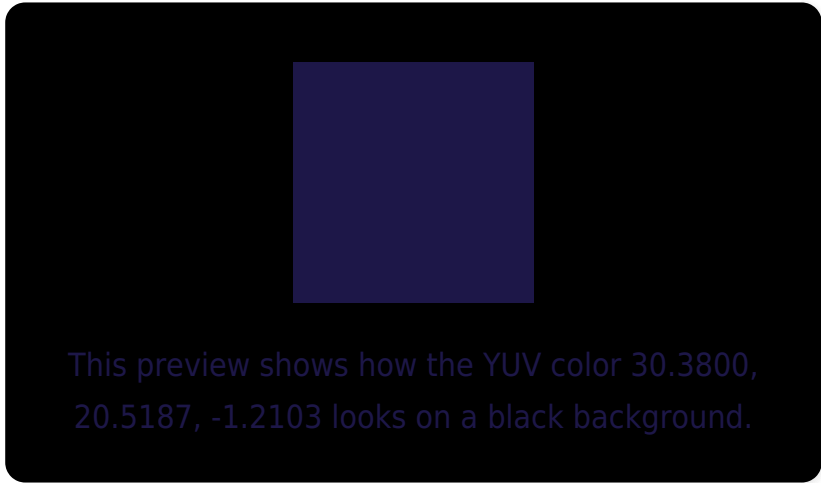
Large Text (above 18pt) WCAG AA ✓ Pass

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

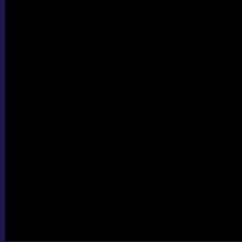
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 30.3800, 20.5187, -1.2103

Background



This preview shows how black text looks on a background with the YUV color 30.3800, 20.5187, -1.2103.



This preview shows how white text looks on a background with the YUV color 30.3800, 20.5187,

-1.2103.

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

30.3800, 20.5187, -1.2103

Protanopia

24.9060, 19.2733, -21.8426

Deuteranopia

25.0540, 14.7634, -21.9724



Tritanopia

28.0630, 4.4059, -13.2103

Trichromacy



Original Color

30.3800, 20.5187, -1.2103

Protanomaly

26.7760, 19.8304, -13.8356

Deuteranomaly

27.2660, 16.6309, -14.2653

Tritanomaly

28.9910, 10.3574, -8.7621

Monochromacy



Original Color

30.3800, 20.5187, -1.2103

Achromatopsia

30.0000, 0.0000, 0.0000

Achromatomaly

29.9490, 7.4201, 0.0447

CSS Examples

Text

The CSS property to change the color of the text to YUV 30.3800, 20.5187, -1.2103 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(29, 23, 72)` looks like.

```
.text, #text, p{  
    color:rgb(29, 23, 72)  
}
```

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(29, 23, 72) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(29, 23, 72) }
```

Border

The CSS property to change the border of an element to YUV 30.3800, 20.5187, -1.2103 is called "border". The border property can be set on classes, ids or directly on the HTML element.

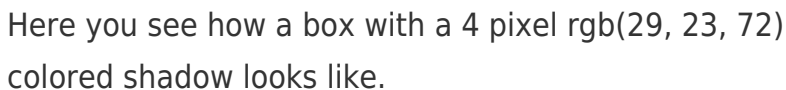
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(29, 23, 72) }
```


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

```
.border{ border-color:rgb(29, 23, 72) }
```

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



Here you see how a box with a 4 pixel `rgb(29, 23, 72)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(29, 23, 72); -webkit-box-  
shadow:4px 4px 4px 4px rgb(29, 23, 72);  
box-shadow:4px 4px 4px 4px rgb(29, 23, 72)  
}
```

Background

The CSS property to change the background color of an element to YUV 30.3800, 20.5187, -1.2103 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(29, 23, 72) }
```

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

```
.background{ background-color: rgb(29, 23,  
72) }
```

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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