

Converting Colors

YUV(30.8300, 38.0448,
-22.6529)

Have a look what the booklet for
YUV(30.8300, 38.0448, -22.6529)
contains.

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Color

**YUV(30.8300, 38.0448,
-22.6529)**

Conversions

Conversions Part 1

Format	Color
Hex	051D6C
RGB	5, 29, 108
RGB Percent	2%, 11%, 42%
CMY	0.9804, 0.8863, 0.5765
CMYK	0.95, 0.73, 0.00, 0.58
HSL	226°, 91%, 22%
HSV	226°, 95%, 42%
XYZ	3.2087, 1.9937, 14.4031
YIQ	30.8300, -39.6630, 19.4810

Conversions

Conversions Part 2

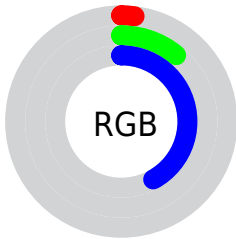
Format	Color
RYB	5, 24, 108
Decimal	335212
CIELab	15.45, 26.02, -47.67
CIELCh	15, 54.312, 298.625
Yxy	1.9937, 0.1637, 0.1017
Android (android.graphics.Color)	4278525292 (0xFF051D6C)
YUV	30.8300, 38.0448, -22.6529
Hunter-Lab	14.1199, 15.8542, -50.5953

Details

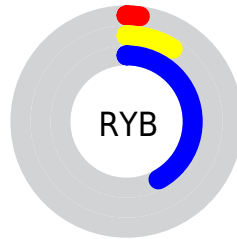
The YUV color **30.8300, 38.0448, -22.6529** is a dark color, and the websafe version is hex **003399**. A complement of this color would be **82.1700, -38.0448, 22.6529**, and the grayscale version is **30.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **83.2170, 37.8540, -8.0833**, and **7.3130, 25.4817, -6.4135** is the 20% darker color. If you saturate the color by 10%, you get **26.9870, 39.9394, -23.6676**, and if you desaturate by 10%, it is **38.8150, 34.1082, -20.0088**.

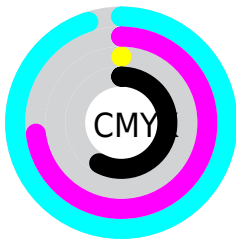
Distribution



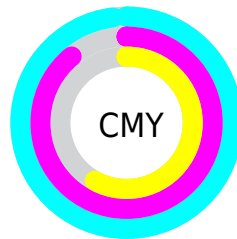
- Red (2%)
- Green (11%)
- Blue (42%)



- Red (2%)
- Yellow (9%)
- Blue (42%)



- Cyan (95%)
- Magenta (73%)
- Yellow (0%)
- Black (58%)



- Cyan (98%)
- Magenta (89%)
- Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the YUV color 30.8300, 38.0448, -22.6529 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 30.8300, 38.0448, -22.6529 by changing the saturation by 10% instead.

■ 30.8300, 38.0448,
-22.6529

■ 30.8300, 38.0448,
-22.6529

■ 255.0000, 0.0000,
0.0000

■ 14.1580, 33.9391,
-12.4166

■ 83.2170, 37.8540,
-8.0833

■ 7.3130, 25.4817,
-6.4135

■ 108.2820, 39.3010,
-5.5093

■ 5.3920, 15.5827,
-4.7288

■ 134.2220, 40.3166,
-4.5797

■ 2.0690, 5.3890,
-1.8145

■ 161.1620, 41.3321,
-3.6501

■ 0.0000, 0.0000,
0.0000

■ 186.5230, 33.7592,
-1.3357

■ 211.0430, 21.6708,

2.5933

■ 236.4490, 9.1456,
6.6222

■ 30.8300, 38.0448,
-22.6529

■ 30.8300, 38.0448,
-22.6529

■ 26.9870, 39.9394,
-23.6676

■ 38.8150, 34.1082,
-20.0088

■ 47.3870, 29.8822,
-17.8794

■ 55.0730, 26.0930,
-15.8500

■ 63.0580, 22.1564,
-13.2059

■ 71.0430, 18.2198,
-10.5617

■ 79.6150, 13.9938,
-8.4324

■ 87.6000, 10.0572,
-5.7882

■ 95.2860, 6.2680,
-3.7588

■ 103.8580, 2.0420,
-1.6295

Harmonies

Analogous

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



40.4540, 38.2302, -35.4782



30.8300, 38.0448, -22.6529



33.0400, 23.1513, 41.1839

Triad

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



30.8300, 38.0448, -22.6529



33.0130, -16.2754, 40.3306



35.2150, 0.3870, -30.8836

Complementary

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



30.8300, 38.0448, -22.6529



82.1700, -38.0448, 22.6529

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.



29.9370, -14.7589, -26.2547



30.8300, 38.0448, -22.6529



36.9680, -18.2252, 12.3061

Square

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



30.8300, 38.0448, -22.6529



29.0030, -14.2985, 59.6334



28.7960, -14.1964, -19.9921



39.6610, 17.4221, -34.7827

Rectangle

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



30.8300, 38.0448, -22.6529



34.9740, 9.8728, 53.5198



28.7960, -14.1964, -19.9921



33.0320, -5.4388, -28.9691

Sweetspot

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



30.8300, 38.0448, -22.6529



109.8430, 14.8674, -8.6323



74.4670, 4.6998, -60.9226



52.3720, 9.1836, -5.5882



199.0000, 0.0000, 0.0000



71.0000, 0.0000, 0.0000

Same Dimension

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



30.8300, 38.0448, -22.6529



35.3310, 51.6018, -30.9853



24.8150, 41.0102, 6.3012



49.2710, 2.3314, -1.1147



29.1870, 43.2918, -25.5970



61.3890, 90.5202, -53.8382

Inverse Universe

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



38.5330, -4.6998, 60.9226



45.6220, -6.2226, 82.7695



88.1850, -41.0102, -6.3012



49.9080, -0.4476, 3.5887



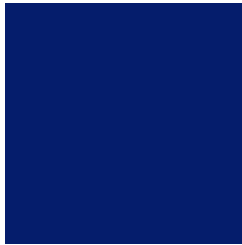
38.0610, -5.4531, 69.2295



79.7530, -11.2172, 144.9216

Previews

White Background



This preview shows how the YUV color 30.8300, 38.0448, -22.6529 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 30.8300, 38.0448, -22.6529 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

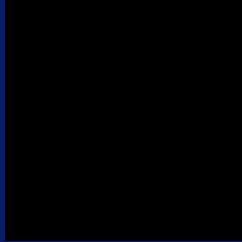
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 30.8300, 38.0448, -22.6529

Background



This preview shows how black text looks on a background with the YUV color 30.8300, 38.0448, -22.6529.



This preview shows how white text looks on a background with the YUV color 30.8300, 38.0448,

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

30.8300, 38.0448, -22.6529

Protanopia

31.5400, 24.3838, -27.6606

Deuteranopia

31.9330, 18.2740, -28.0052



Tritanopia

31.1860, 7.7963, -27.3501

Trichromacy



Original Color

30.8300, 38.0448, -22.6529

Protanomaly

31.5170, 29.3251, -25.8864

Deuteranomaly

31.7790, 25.2520, -26.1162

Tritanomaly

31.3570, 18.5580, -25.7461

Monochromacy



Original Color

30.8300, 38.0448, -22.6529

Achromatopsia

31.0000, 0.0000, 0.0000

Achromatomaly

30.9140, 13.8464, -7.8176

CSS Examples

Text

The CSS property to change the color of the text to YUV 30.8300, 38.0448, -22.6529 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(5, 29, 108)` looks like.

```
.text, #text, p{  
    color:rgb(5, 29, 108)  
}
```

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(5, 29, 108) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(5, 29, 108) }
```

Border

The CSS property to change the border of an element to YUV 30.8300, 38.0448, -22.6529 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(5, 29, 108) }
```


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

```
.border{ border-color:rgb(5, 29, 108) }
```

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

Here you see how a box with a 4 pixel rgb(5, 29, 108) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(5, 29, 108); -webkit-box-  
shadow:4px 4px 4px 4px rgb(5, 29, 108);  
box-shadow:4px 4px 4px 4px rgb(5, 29, 108)  
}
```

Background

The CSS property to change the background color of an element to YUV 30.8300, 38.0448, -22.6529 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(5, 29, 108) }
```

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

```
.background{ background-color: rgb(5, 29,  
108) }
```

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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