

Converting Colors

YUV(38.8820, 12.3832, -5.1585)

Have a look what the booklet for
YUV(38.8820, 12.3832, -5.1585)
contains.

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Color

**YUV(38.8820, 12.3832,
-5.1585)**

Conversions

Conversions Part 1

Format	Color
Hex	212540
RGB	33, 37, 64
RGB Percent	13%, 15%, 25%
CMY	0.8706, 0.8549, 0.7490
CMYK	0.48, 0.42, 0.00, 0.75
HSL	232°, 32%, 19%
HSV	232°, 48%, 25%
XYZ	2.2142, 2.0166, 5.1230
YIQ	38.8820, -11.0510, 7.5490

Conversions

Conversions Part 2

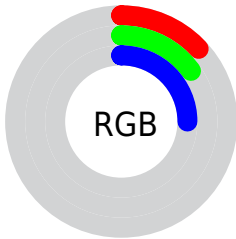
Format	Color
RYB	33, 37, 64
Decimal	2172224
CIELab	15.57, 6.70, -17.76
CIELCh	16, 18.987, 290.676
Yxy	2.0166, 0.2367, 0.2156
Android (android.graphics.Color)	4280362304 (0xFF212540)
YUV	38.8820, 12.3832, -5.1585
Hunter-Lab	14.2008, 2.9801, -11.4487




Details

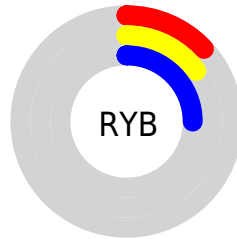
The YUV color **38.8820, 12.3832, -5.1585** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **58.1180, -12.3832, 5.1585**, and the grayscale version is **39.0000, 0.0000, 0.0000**.




A 20% lighter version of the original color is **83.9360, 13.8356, -4.3289**, and **2.9810, 8.8834, -2.6143** is the 20% darker color. If you saturate the color by 10%, you get **33.5660, 15.0040, -5.7584**, and if you desaturate by 10%, it is **44.1980, 9.7624, -4.5586**.

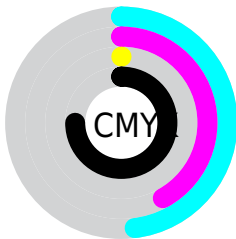
Distribution







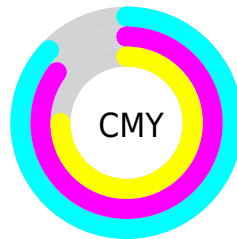
-  Red (13%)
-  Green (15%)
-  Blue (25%)






-  Red (13%)
-  Yellow (15%)
-  Blue (25%)



-  Cyan (48%)
-  Magenta (42%)
-  Yellow (0%)
-  Black (75%)



-  Cyan (87%)
-  Magenta (85%)
-  Yellow (75%)

Brightness & Saturation Gradients

These gradients show how the YUV color 38.8820, 12.3832, -5.1585 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 38.8820, 12.3832, -5.1585 by changing the saturation by 10% instead.

■ 38.8820, 12.3832,
-5.1585

■ 38.8820, 12.3832,
-5.1585

■ 255.0000, 0.0000,
0.0000

■ 17.7680, 11.9464,
-5.0585

■ 83.9360, 13.8356,
-4.3289

■ 2.9810, 8.8834,
-2.6143

■ 108.9360, 13.8356,
-4.3289

■ 0.0000, 0.0000,
0.0000

■ 134.1640, 14.7091,
-4.5288

■ 160.2780, 15.1459,
-4.6288

■ 187.3920, 15.5827,
-4.7288

■ 214.8050, 15.8721,

-4.2140

■ 241.4110, 6.6994,
-2.1144

■ 38.8820, 12.3832,
-5.1585

■ 38.8820, 12.3832,
-5.1585

■ 33.5660, 15.0040,
-5.7584

■ 44.1980, 9.7624,
-4.5586

■ 28.5380, 17.4828,
-7.4878

■ 49.2260, 7.2836,
-2.8292

■ 23.2220, 20.1036,
-8.0877

■ 54.5420, 4.6628,
-2.2293

■ 18.1940, 22.5824,
-9.8171

■ 59.5700, 2.1840,
-0.4999

■ 12.8780, 25.2031,
-10.4170

■ 64.8860, -0.4368,
0.1000

■ 11.9920, 25.6399,
-10.5170

■ 69.6150, -2.7682,
1.2146

■ 75.2300, -5.5364,
2.4293

■ 80.5460, -8.1572,
3.0292

■ 85.5740, -10.6360,
4.7586

Harmonies

Analogous

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



32.3630, 16.0900, -27.5054



38.8820, 12.3832, -5.1585



40.4170, 7.6824, 9.2813

Triad

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



38.8820, 12.3832, -5.1585



38.7760, -10.2426, 18.6134



30.2910, 1.8285, -26.5652

Complementary

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



38.8820, 12.3832, -5.1585



58.1180, -12.3832, 5.1585

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.



34.8000, -6.8034, -11.2256



38.8820, 12.3832, -5.1585



38.1080, -13.8572, 11.3063

Square

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



38.8820, 12.3832, -5.1585



38.9920, -4.4331, 21.9320



36.7970, -12.2249, 1.0550



32.4740, 7.6543, -28.4797

Rectangle

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



38.8820, 12.3832, -5.1585



40.1360, 3.8770, 16.5437



36.7970, -12.2249, 1.0550



31.9280, -0.9505, -21.8619

Sweetspot

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



38.8820, 12.3832, -5.1585



73.9550, 4.9522, -1.7145



54.2750, 2.8224, -18.6582



37.3850, 2.7682, -1.2146



171.0000, 0.0000, 0.0000



43.0000, 0.0000, 0.0000

Same Dimension

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



38.8820, 12.3832, -5.1585



44.6950, 19.3774, -8.5025



39.8230, 11.9193, 3.6632



30.3420, 1.3104, -0.2999



18.6890, 38.6073, -16.3903



42.5590, 89.4504, -37.3242

Inverse Universe

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



42.7250, -2.8224, 18.6582



50.4490, -4.1654, 29.4242



57.1770, -11.9193, -3.6632



30.8970, -0.4422, 1.8443



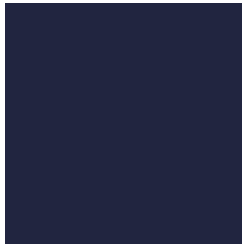
30.4850, -8.6201, 58.3337



70.2820, -20.3520, 134.8107

Previews

White Background



This preview shows how the YUV color 38.8820, 12.3832, -5.1585 looks on a white background.

Color Contrast Check

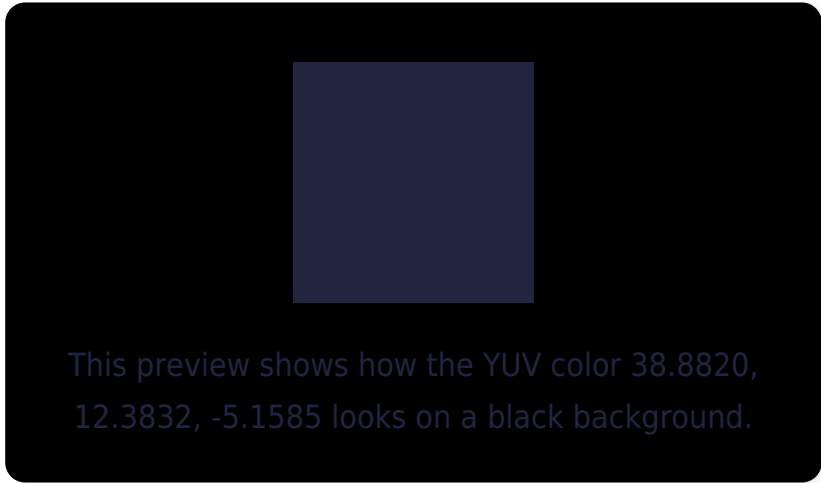
Large Text (above 18pt) WCAG AA ✓ Pass

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

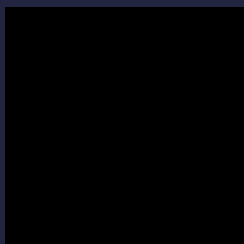
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 38.8820, 12.3832, -5.1585

Background



This preview shows how black text looks on a background with the YUV color 38.8820, 12.3832, -5.1585.



This preview shows how white text looks on a background with the YUV color 38.8820, 12.3832,

-5.1585.

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

38.8820, 12.3832, -5.1585

Protanopia

38.0880, 13.2676, -8.8472

Deuteranopia

37.3650, 13.1311, -11.7211



Tritanopia

37.2700, 3.8109, -9.0068

Trichromacy



Original Color

38.8820, 12.3832, -5.1585

Protanomaly

38.6860, 12.9728, -7.6176

Deuteranomaly

37.6750, 12.9782, -9.3620

Tritanomaly

38.0790, 6.8631, -7.9623

Monochromacy



Original Color

38.8820, 12.3832, -5.1585

Achromatopsia

39.0000, 0.0000, 0.0000

Achromatomaly

38.8410, 4.5154, -1.6146

CSS Examples

Text

The CSS property to change the color of the text to YUV 38.8820, 12.3832, -5.1585 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(33, 37, 64)` looks like.

```
.text, #text, p{  
    color:rgb(33, 37, 64)  
}
```

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(33, 37, 64) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(33, 37, 64) }
```

Border

The CSS property to change the border of an element to YUV 38.8820, 12.3832, -5.1585 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(33, 37, 64) }
```


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

```
.border{ border-color:rgb(33, 37, 64) }
```

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

Here you see how a box with a 4 pixel `rgb(33, 37, 64)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(33, 37, 64); -webkit-box-  
shadow:4px 4px 4px 4px rgb(33, 37, 64);  
box-shadow:4px 4px 4px 4px rgb(33, 37, 64)  
}
```

Background

The CSS property to change the background color of an element to YUV 38.8820, 12.3832, -5.1585 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(33, 37, 64) }
```

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

```
.background{ background-color: rgb(33, 37,  
64) }
```

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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