

Converting Colors

YUV(35.0830, 10.8051,
-12.3508)

Have a look what the booklet for
YUV(35.0830, 10.8051, -12.3508)
contains.

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Color

**YUV(35.0830, 10.8051,
-12.3508)**

Conversions

Conversions Part 1

Format	Color
Hex	152639
RGB	21, 38, 57
RGB Percent	8%, 15%, 22%
CMY	0.9176, 0.8510, 0.7765
CMYK	0.63, 0.33, 0.00, 0.78
HSL	212°, 46%, 15%
HSV	212°, 63%, 22%
XYZ	1.7409, 1.8411, 4.1345
YIQ	35.0830, -16.2310, 2.3050

Conversions

Conversions Part 2

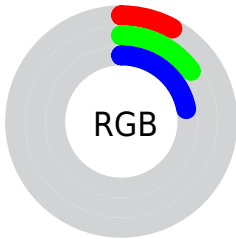
Format	Color
R_{YB}	21, 33, 57
Decimal	1386041
CIE _{Lab}	14.63, -0.23, -14.41
CIE _{LCh}	15, 14.414, 269.100
Yxy	1.8411, 0.2256, 0.2386
Android (android.graphics.Color)	4279576121 (0xFF152639)
YUV	35.0830, 10.8051, -12.3508
Hunter-Lab	13.5686, -0.8429, -8.5683

Details

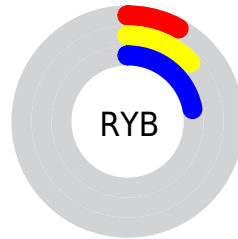
The YUV color **35.0830, 10.8051, -12.3508** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **42.9170, -10.8051, 12.3508**, and the grayscale version is **35.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **80.6100, 11.5313, -11.9360**, and **1.3680, 5.2416, -1.1997** is the 20% darker color. If you saturate the color by 10%, you get **31.5280, 12.5577, -14.4951**, and if you desaturate by 10%, it is **38.6380, 9.0525, -10.2065**.

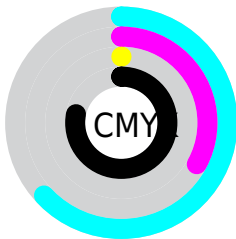
Distribution



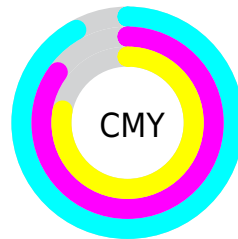
- Red (8%)
- Green (15%)
- Blue (22%)



- Red (8%)
- Yellow (13%)
- Blue (22%)



- Cyan (63%)
- Magenta (33%)
- Yellow (0%)
- Black (78%)



- Cyan (92%)
- Magenta (85%)
- Yellow (78%)

Brightness & Saturation Gradients

These gradients show how the YUV color 35.0830, 10.8051, -12.3508 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 35.0830, 10.8051, -12.3508 by changing the saturation by 10% instead.

■ 35.0830, 10.8051,
-12.3508

■ 35.0830, 10.8051,
-12.3508

■ 254.4020, 0.2948,
-1.2296

■ 13.9690, 10.3683,
-12.2508

■ 80.6100, 11.5313,
-11.9360

■ 1.3680, 5.2416,
-1.1997

■ 104.7240, 11.9681,
-12.0359

■ 0.0000, 0.0000,
0.0000

■ 129.8380, 12.4049,
-12.1359

■ 155.9520, 12.8417,
-12.2359

■ 183.0660, 13.2785,
-12.3359

■ 210.1800, 13.7153,

-12.4359

■ 237.5130, 8.6211,
-11.8509

■ 35.0830, 10.8051,
-12.3508

■ 35.0830, 10.8051,
-12.3508

■ 31.5280, 12.5577,
-14.4951

■ 38.6380, 9.0525,
-10.2065

■ 28.2720, 14.1629,
-16.0245

■ 41.8940, 7.4473,
-8.6770

■ 24.7170, 15.9155,
-18.1688

■ 45.4490, 5.6946,
-6.5328

■ 22.3470, 17.0839,
-19.5983

■ 49.0040, 3.9420,
-4.3885

■ 52.5590, 2.1894,
-2.2442

■ 55.8150, 0.5842,
-0.7148

■ 59.3700, -1.1684,
1.4295

■ 62.9250, -2.9210,
3.5738

■ 66.1810, -4.5262,
5.1033

Harmonies

Analogous

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



30.8210, 11.4272, -25.2760



35.0830, 10.8051, -12.3508



37.5900, 8.5831, 0.3596

Triad

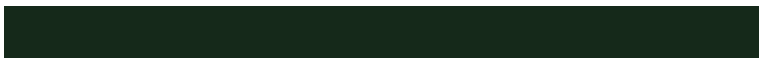
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



35.0830, 10.8051, -12.3508



37.5460, -4.7062, 16.1842



33.3100, -3.6038, -10.7959

Complementary

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



35.0830, 10.8051, -12.3508



42.9170, -10.8051, 12.3508

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.



34.9260, -7.8515, -1.6891



35.0830, 10.8051, -12.3508



37.1990, -8.4791, 12.9805

Square

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



35.0830, 10.8051, -12.3508



38.0990, -0.0488, 15.6992



36.1120, -9.9152, 6.9178



30.5520, 2.6859, -21.5321

Rectangle

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



35.0830, 10.8051, -12.3508



38.2380, 5.7987, 6.8073



36.1120, -9.9152, 6.9178



34.1640, -5.5039, -8.0368

Sweetspot

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



35.0830, 10.8051, -12.3508



65.7050, 4.0894, -5.0033



44.2980, -2.1189, -20.4323



32.9610, 2.4842, -3.4738



166.0000, 0.0000, 0.0000



38.0000, 0.0000, 0.0000

Same Dimension

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



35.0830, 10.8051, -12.3508



39.6460, 16.9365, -18.9835



25.4030, 15.5773, -2.9844



26.5160, 0.7316, -1.3295



35.7290, 27.7416, -31.3343



86.0140, 65.5621, -75.4343

Inverse Universe

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



33.7020, 2.1189, 20.4323



37.7080, 3.1020, 31.8281



52.5970, -15.5773, 2.9844



26.1250, 0.4314, 1.6444



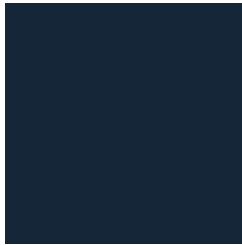
32.4100, 5.2209, 52.2604



77.3370, 13.1449, 124.2385

Previews

White Background



This preview shows how the YUV color 35.0830, 10.8051, -12.3508 looks on a white background.

Color Contrast Check

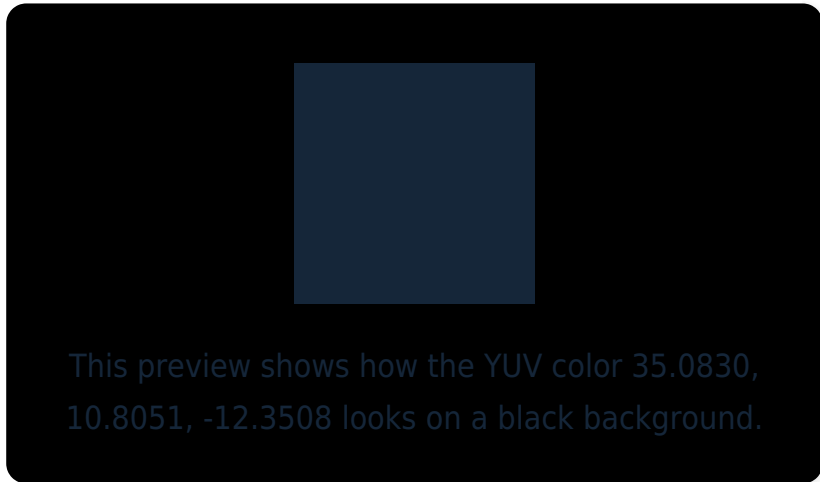
Large Text (above 18pt) WCAG AA ✓ Pass

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

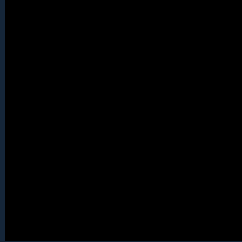
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

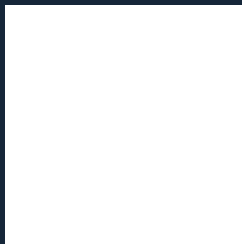
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 35.0830, 10.8051, -12.3508

Background



This preview shows how black text looks on a background with the YUV color 35.0830, 10.8051, -12.3508.



This preview shows how white text looks on a background with the YUV color 35.0830, 10.8051,

-12.3508.

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

35.0830, 10.8051, -12.3508

Protanopia

36.4860, 9.6204, -5.6882

Deuteranopia

36.2900, 10.2100, -8.1473



Tritanopia

33.2690, 5.2904, -16.8989

Trichromacy



Original Color

35.0830, 10.8051, -12.3508

Protanomaly

36.1760, 9.7732, -8.0474

Deuteranomaly

35.6920, 10.5048, -9.3769

Tritanomaly

34.1490, 7.3215, -15.0397

Monochromacy



Original Color

35.0830, 10.8051, -12.3508

Achromatopsia

35.0000, 0.0000, 0.0000

Achromatomaly

35.0040, 3.9420, -4.3885

CSS Examples

Text

The CSS property to change the color of the text to YUV 35.0830, 10.8051, -12.3508 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(21, 38, 57)` looks like.

```
.text, #text, p{  
    color:rgb(21, 38, 57)  
}
```

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(21, 38, 57) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(21, 38, 57) }
```

Border

The CSS property to change the border of an element to YUV 35.0830, 10.8051, -12.3508 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(21, 38, 57) }
```


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

```
.border{ border-color:rgb(21, 38, 57) }
```

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

Here you see how a box with a 4 pixel `rgb(21, 38, 57)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(21, 38, 57); -webkit-box-  
shadow:4px 4px 4px 4px rgb(21, 38, 57);  
box-shadow:4px 4px 4px 4px rgb(21, 38, 57)  
}
```

Background

The CSS property to change the background color of an element to YUV 35.0830, 10.8051, -12.3508 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(21, 38, 57) }
```

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

```
.background{ background-color: rgb(21, 38,  
57) }
```

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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