

Converting Colors

YUV(33.9300, 33.0655,
-12.2166)

Have a look what the booklet for
YUV(33.9300, 33.0655, -12.2166)
contains.

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Color

**YUV(33.9300, 33.0655,
-12.2166)**

Conversions

Conversions Part 1

Format	Color
Hex	141C65
RGB	20, 28, 101
RGB Percent	8%, 11%, 40%
CMY	0.9216, 0.8902, 0.6039
CMYK	0.80, 0.72, 0.00, 0.60
HSL	234°, 67%, 24%
HSV	234°, 80%, 40%
XYZ	3.0527, 1.9188, 12.5214
YIQ	33.9300, -28.2010, 21.0070

Conversions

Conversions Part 2

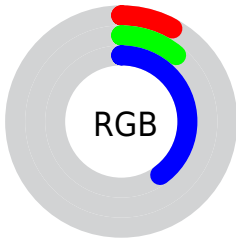
Format	Color
RYB	20, 27, 101
Decimal	1317989
CIELab	15.06, 25.08, -43.71
CIELCh	15, 50.396, 299.839
Yxy	1.9188, 0.1745, 0.1097
Android (android.graphics.Color)	4279508069 (0xFF141C65)
YUV	33.9300, 33.0655, -12.2166
Hunter-Lab	13.8521, 15.0963, -43.8977

Details

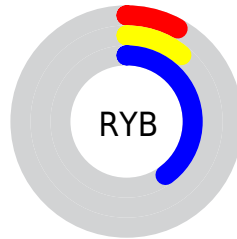
The YUV color **33.9300, 33.0655, -12.2166** is a dark color, and the websafe version is hex **330066**. A complement of this color would be **87.0700, -33.0655, 12.2166**, and the grayscale version is **34.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **83.0280, 34.4962, -4.4096**, and **7.2160, 22.5715, -6.3284** is the 20% darker color. If you saturate the color by 10%, you get **25.6570, 37.1441, -13.7312**, and if you desaturate by 10%, it is **42.2030, 28.9869, -10.7020**.

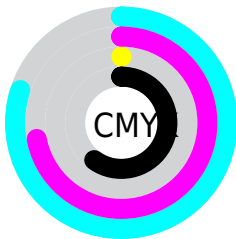
Distribution



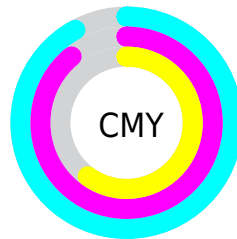
- Red (8%)
- Green (11%)
- Blue (40%)



- Red (8%)
- Yellow (11%)
- Blue (40%)



- Cyan (80%)
- Magenta (72%)
- Yellow (0%)
- Black (60%)



- Cyan (92%)
- Magenta (89%)
- Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the YUV color 33.9300, 33.0655, -12.2166 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 33.9300, 33.0655, -12.2166 by changing the saturation by 10% instead.

■ 33.9300, 33.0655,
-12.2166

■ 33.9300, 33.0655,
-12.2166

■ 255.0000, 0.0000,
0.0000

■ 12.1860, 31.4603,
-10.6871

■ 83.0280, 34.4962,
-4.4096

■ 7.2160, 22.5715,
-6.3284

■ 108.2670, 35.3644,
-2.8652

■ 4.7080, 12.9620,
-4.1289

■ 133.6200, 36.6693,
-1.4207

■ 0.2280, 0.8736,
-0.2000

■ 160.4460, 37.2481,
-0.3911

■ 0.0000, 0.0000,
0.0000

■ 186.8330, 33.6063,
1.0235

■ 211.0540, 21.6654,

4.3376

■ 236.4600, 9.1402,
8.3666

■ 33.9300, 33.0655,
-12.2166

■ 33.9300, 33.0655,
-12.2166

■ 25.6570, 37.1441,
-13.7312

■ 42.2030, 28.9869,
-10.7020

■ 17.3840, 41.2227,
-15.2458

■ 50.4760, 24.9083,
-9.1875

■ 58.7490, 20.8297,
-7.6729

■ 67.0220, 16.7512,
-6.1583

■ 76.1810, 12.2358,
-4.5437

■ 84.4540, 8.1572,
-3.0292

■ 92.7270, 4.0786,
-1.5146

■ 101.0000, 0.0000,
0.0000

■ 109.2730, -4.0786,
1.5146

Harmonies

Analogous

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



38.4820, 35.7514, -33.7487



33.9300, 33.0655, -12.2166



31.4590, 20.9727, 39.9395

Triad

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



33.9300, 33.0655, -12.2166



33.5780, -16.5540, 36.3271



34.1550, 1.4026, -29.9539

Complementary

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



33.9300, 33.0655, -12.2166



87.0700, -33.0655, 12.2166

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.



28.7630, -14.1802, -25.2252



33.9300, 33.0655, -12.2166



36.0710, -17.7830, 10.4617

Square

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



33.9300, 33.0655, -12.2166



27.5080, -13.5614, 56.5595



28.5080, -14.0544, -18.8625



38.8460, 16.8379, -34.0679

Rectangle

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



33.9300, 33.0655, -12.2166



33.3220, 8.7153, 51.4606



28.5080, -14.0544, -18.8625



32.6730, -4.2758, -28.6542

Sweetspot

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



33.9300, 33.0655, -12.2166



104.2950, 12.6726, -4.6437



75.8690, 8.4456, -48.9971



50.3400, 7.7204, -2.9292



194.0000, 0.0000, 0.0000



66.0000, 0.0000, 0.0000

Same Dimension

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



33.9300, 33.0655, -12.2166



26.8810, 50.8377, -19.1896



38.8020, 30.6636, 11.5746



46.5700, 2.1840, -0.4999



19.5670, 47.0485, -17.1603



41.6760, 98.7597, -36.5499

Inverse Universe

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



45.1310, -8.4456, 48.9971



43.8570, -12.7475, 75.5474



82.1980, -30.6636, -11.5746



47.4950, -0.7370, 3.0739



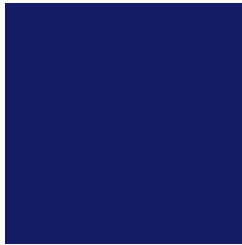
35.6390, -12.1470, 69.5996



75.0940, -25.1893, 146.3766

Previews

White Background



This preview shows how the YUV color 33.9300, 33.0655, -12.2166 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 33.9300, 33.0655, -12.2166 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

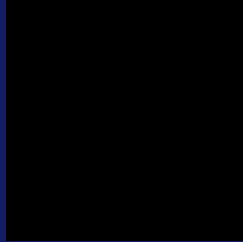
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 33.9300, 33.0655, -12.2166

Background



This preview shows how black text looks on a background with the YUV color 33.9300, 33.0655, -12.2166.



This preview shows how white text looks on a background with the YUV color 33.9300, 33.0655,

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

33.9300, 33.0655, -12.2166

Protanopia

30.6110, 23.3628, -26.8458

Deuteranopia

31.1180, 17.6898, -27.2905



Tritanopia

30.3710, 7.2121, -26.6354

Trichromacy



Original Color

33.9300, 33.0655, -12.2166

Protanomaly

31.8550, 26.6935, -21.7978

Deuteranomaly

32.2310, 23.0571, -22.1276

Tritanomaly

31.8090, 16.3632, -21.7575

Monochromacy



Original Color

33.9300, 33.0655, -12.2166

Achromatopsia

34.0000, 0.0000, 0.0000

Achromatomaly

34.0670, 11.7990, -4.4438

CSS Examples

Text

The CSS property to change the color of the text to YUV 33.9300, 33.0655, -12.2166 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(20, 28, 101)` looks like.

```
.text, #text, p{  
    color:rgb(20, 28, 101)  
}
```

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(20, 28, 101) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(20, 28, 101) }
```

Border

The CSS property to change the border of an element to YUV 33.9300, 33.0655, -12.2166 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(20, 28, 101) }
```


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

```
.border{ border-color:rgb(20, 28, 101) }
```

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

Here you see how a box with a 4 pixel `rgb(20, 28, 101)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(20, 28, 101); -webkit-box-  
shadow:4px 4px 4px 4px rgb(20, 28, 101);  
box-shadow:4px 4px 4px 4px rgb(20, 28,  
101) }
```

Background

The CSS property to change the background color of an element to YUV 33.9300, 33.0655, -12.2166 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(20, 28, 101) }
```

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

```
.background{ background-color: rgb(20, 28,  
101) }
```

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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