

Converting Colors

YUV(24.9600, 3.9637, -11.3659)

Have a look what the booklet for
YUV(24.9600, 3.9637, -11.3659)
contains.

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Color

**YUV(24.9600, 3.9637,
-11.3659)**

Conversions

Conversions Part 1

Format	Color
Hex	0C1E21
RGB	12, 30, 33
RGB Percent	5%, 12%, 13%
CMY	0.9529, 0.8824, 0.8706
CMYK	0.64, 0.09, 0.00, 0.87
HSL	189°, 47%, 9%
HSV	189°, 64%, 13%
XYZ	0.8904, 1.1165, 1.6074
YIQ	24.9600, -11.6910, -2.8830

Conversions

Conversions Part 2

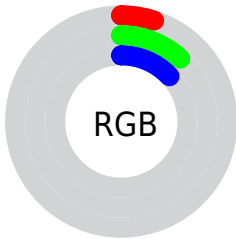
Format	Color
R_{YB}	12, 22, 33
Decimal	794145
CIE Lab	9.93, -6.35, -4.36
CIE LCh	10, 7.703, 214.487
Yxy	1.1165, 0.2464, 0.3089
Android (android.graphics.Color)	4278984225 (0xFF0C1E21)
YUV	24.9600, 3.9637, -11.3659
Hunter-Lab	10.5665, -3.4498, -1.6229

Details

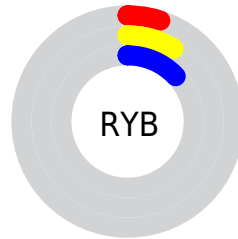
The YUV color **24.9600, 3.9637, -11.3659** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **20.0400, -3.9637, 11.3659**, and the grayscale version is **25.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **68.6610, 4.1111, -11.9807**, and **0.0000, 0.0000, 0.0000** is the 20% darker color. If you saturate the color by 10%, you get **24.0630, 4.4059, -13.2103**, and if you desaturate by 10%, it is **25.8570, 3.5215, -9.5216**.

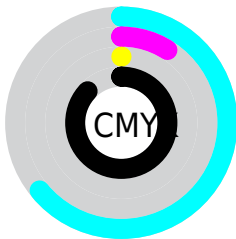
Distribution



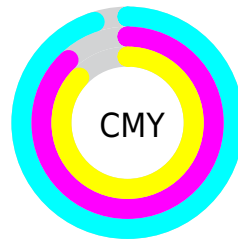
- Red (5%)
- Green (12%)
- Blue (13%)



- Red (5%)
- Yellow (9%)
- Blue (13%)



- Cyan (64%)
- Magenta (9%)
- Yellow (0%)
- Black (87%)



- Cyan (95%)
- Magenta (88%)
- Yellow (87%)

Brightness & Saturation Gradients

These gradients show how the YUV color 24.9600, 3.9637, -11.3659 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 24.9600, 3.9637, -11.3659 by changing the saturation by 10% instead.

■ 24.9600, 3.9637,
-11.3659

■ 24.9600, 3.9637,
-11.3659

■ 249.6180, 2.6533,
-11.0660

■ 1.1400, 4.3680,
-0.9998

■ 68.6610, 4.1111,
-11.9807

■ 0.0000, 0.0000,
0.0000

■ 91.7750, 4.5479,
-12.0807

■ 116.7750, 4.5479,
-12.0807

■ 142.4760, 4.6953,
-12.6955

■ 169.0630, 4.4059,
-13.2103

■ 196.1770, 4.8427,

-13.3102

■ 224.1770, 4.8427,
-13.3102

■ 24.9600, 3.9637,
-11.3659

■ 24.9600, 3.9637,
-11.3659

■ 24.0630, 4.4059,
-13.2103

■ 25.8570, 3.5215,
-9.5216

■ 22.2800, 5.2850,
-15.1546

■ 27.6400, 2.6425,
-7.5773

■ 21.3830, 5.7272,
-16.9989

■ 28.5370, 2.2003,
-5.7329

■ 20.1980, 6.3114,
-17.7136

■ 30.0210, 1.4686,
-4.4034

■ 31.2170, 0.8790,
-1.9443

■ 32.7010, 0.1474,
-0.6148

■ 33.5980, -0.2948,
1.2296

■ 35.0820, -1.0264,
2.5591

■ 36.2780, -1.6161,
5.0182

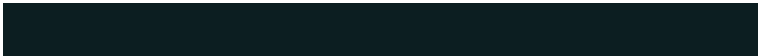
Harmonies

Analogous

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



24.9880, 1.4849, -9.6365



24.9600, 3.9637, -11.3659



25.7260, 5.5581, -9.4067

Triad

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



24.9600, 3.9637, -11.3659



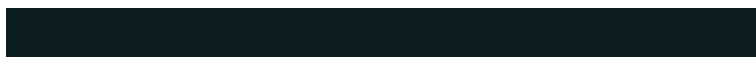
28.2010, 1.8729, 5.9627



26.9420, -5.3944, 3.5589

Complementary

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



24.9600, 3.9637, -11.3659



20.0400, -3.9637, 11.3659

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.



27.1920, -4.5317, 6.8476



24.9600, 3.9637, -11.3659



28.5280, -0.7533, 8.3069

Square

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



24.9600, 3.9637, -11.3659



28.0370, 3.9258, 0.8446



27.9580, -2.9373, 8.8068



26.5500, -4.2151, -1.3593

Rectangle

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



24.9600, 3.9637, -11.3659



26.7480, 5.5472, -5.9180



27.9580, -2.9373, 8.8068



27.2410, -5.5418, 4.1736

Sweetspot

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



24.9600, 3.9637, -11.3659



40.0210, 1.4686, -4.4034



24.6690, -4.7668, -11.1107



20.9180, 1.0264, -2.5591



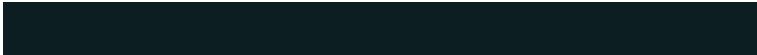
150.0000, 0.0000, 0.0000



23.0000, 0.0000, 0.0000

Same Dimension

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



24.9600, 3.9637, -11.3659



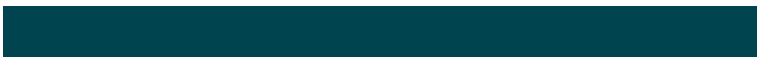
30.7850, 6.0220, -18.2284



19.0900, 6.8576, -6.2179



14.7010, 0.1474, -0.6148



48.9220, 14.8285, -42.9046



127.4970, 39.1950, -111.8149

Inverse Universe

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



20.3310, 4.7668, 11.1107



23.1730, 7.8027, 17.3883



25.9100, -6.8576, 6.2179



14.4130, 0.2894, 0.5148



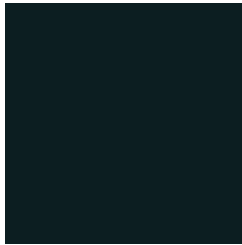
31.3730, 18.0571, 41.7689



82.0710, 46.8000, 109.5627

Previews

White Background



This preview shows how the YUV color 24.9600, 3.9637, -11.3659 looks on a white background.

Color Contrast Check

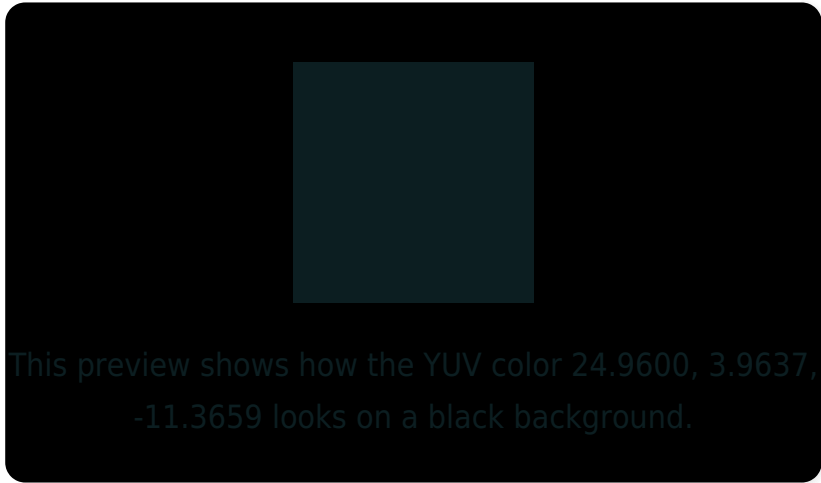
Large Text (above 18pt) WCAG AA ✓ Pass

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

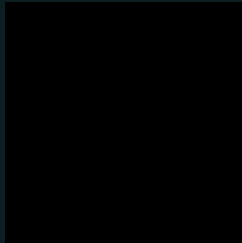
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

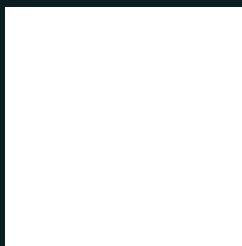
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 24.9600, 3.9637, -11.3659

Background



This preview shows how black text looks on a background with the YUV color 24.9600, 3.9637, -11.3659.



This preview shows how white text looks on a background with the YUV color 24.9600, 3.9637, -11.3659.

-11.3659.

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

24.9600, 3.9637, -11.3659

Protanopia

27.4560, 1.7472, -0.3999

Deuteranopia

27.7980, 3.0576, -0.6998



Tritanopia

24.9600, 3.9637, -11.3659

Trichromacy



Original Color

24.9600, 3.9637, -11.3659

Protanomaly

26.6620, 2.6316, -4.0886

Deuteranomaly

26.8900, 3.5052, -4.2885

Tritanomaly

24.9600, 3.9637, -11.3659

Monochromacy



Original Color

24.9600, 3.9637, -11.3659

Achromatopsia

25.0000, 0.0000, 0.0000

Achromatomaly

25.0210, 1.4686, -4.4034

CSS Examples

Text

The CSS property to change the color of the text to YUV 24.9600, 3.9637, -11.3659 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(12, 30, 33)` looks like.

```
.text, #text, p{  
    color:rgb(12, 30, 33)  
}
```

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(12, 30, 33) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(12, 30, 33) }
```

Border

The CSS property to change the border of an element to YUV 24.9600, 3.9637, -11.3659 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(12, 30, 33) }
```


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

```
.border{ border-color:rgb(12, 30, 33) }
```

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

Here you see how a box with a 4 pixel `rgb(12, 30, 33)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(12, 30, 33); -webkit-box-  
shadow:4px 4px 4px 4px rgb(12, 30, 33);  
box-shadow:4px 4px 4px 4px rgb(12, 30, 33)  
}
```

Background

The CSS property to change the background color of an element to YUV 24.9600, 3.9637, -11.3659 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(12, 30, 33) }
```

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

```
.background{ background-color: rgb(12, 30,  
33) }
```

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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