

Converting Colors

YUV(24.8600, 8.9430, -21.8022)

Have a look what the booklet for
YUV(24.8600, 8.9430, -21.8022)
contains.

YUV(24.8600, 8.9430, -21.8022)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YUV(24.8600, 8.9430,
-21.8022)**

Conversions

Conversions Part 1

Format	Color
Hex	00222B
RGB	0, 34, 43
RGB Percent	0%, 13%, 17%
CMY	1.0000, 0.8667, 0.8314
CMYK	1.00, 0.21, 0.00, 0.83
HSL	193°, 100%, 8%
HSV	193°, 100%, 17%
XYZ	1.0081, 1.3185, 2.4869
YIQ	24.8600, -23.1530, -4.4090

Conversions

Conversions Part 2

Format	Color
RYB	0, 19, 43
Decimal	8747
CIELab	11.40, -8.27, -9.50
CIELCh	11, 12.590, 228.964
Yxy	1.3185, 0.2094, 0.2739
Android (android.graphics.Color)	4278198827 (0xFF00222B)
YUV	24.8600, 8.9430, -21.8022
Hunter-Lab	11.4825, -4.4234, -4.8032

Details

The YUV color **24.8600, 8.9430, -21.8022** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **18.1400, -8.9430, 21.8022**, and the grayscale version is **25.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **70.1700, 8.7902, -19.4431**, and **0.0000, 0.0000, 0.0000** is the 20% darker color. If you saturate the color by 10%, you get **24.8600, 8.9430, -21.8022**, and if you desaturate by 10%, it is **26.6430, 8.0640, -19.8579**.

Distribution



- Red (0%)
- Green (13%)
- Blue (17%)



- Red (0%)
- Yellow (7%)
- Blue (17%)



- Cyan (100%)
- Magenta (21%)
- Yellow (0%)
- Black (83%)



- Cyan (100%)
- Magenta (87%)
- Yellow (83%)

Brightness & Saturation Gradients

These gradients show how the YUV color 24.8600, 8.9430, -21.8022 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 24.8600, 8.9430, -21.8022 by changing the saturation by 10% instead.

■ 24.8600, 8.9430,
-21.8022

■ 24.8600, 8.9430,
-21.8022

■ 247.8240, 3.5378,
-14.7546

■ 9.0790, 6.8631,
-7.9623

■ 70.1700, 8.7902,
-19.4431

■ 0.0000, 0.0000,
0.0000

■ 94.2840, 9.2270,
-19.5431

■ 118.9850, 9.3744,
-20.1578

■ 145.0990, 9.8112,
-20.2578

■ 171.8000, 9.9586,
-20.8726

■ 199.5010, 10.1060,

-21.4874

■ 227.5010, 10.1060,
-21.4874

■ 24.8600, 8.9430,
-21.8022

■ 26.6430, 8.0640,
-19.8579

■ 28.7250, 7.0376,
-17.2988

■ 30.5080, 6.1586,
-15.3545

■ 32.2910, 5.2795,
-13.4102

■ 34.3730, 4.2531,
-10.8511

■ 35.5690, 3.6635,
-8.3920

■ 37.3520, 2.7845,
-6.4477

■ 39.1350, 1.9054,
-4.5034

■ 41.2170, 0.8790,
-1.9443

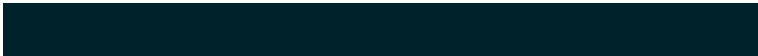
Harmonies

Analogous

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



24.6490, 5.5960, -21.6172



24.8600, 8.9430, -21.8022



27.7300, 9.5001, -13.7952

Triad

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



24.8600, 8.9430, -21.8022



31.4190, 1.2724, 11.9105



28.8340, -8.2992, 1.8996

Complementary

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



24.8600, 8.9430, -21.8022



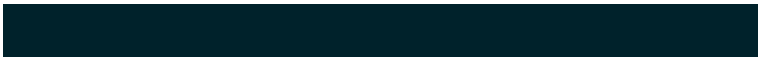
18.1400, -8.9430, 21.8022

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.



29.9380, -9.3364, 7.9474



24.8600, 8.9430, -21.8022



30.9910, -2.9536, 14.0399

Square

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



24.8600, 8.9430, -21.8022



31.4120, 5.2199, 5.7777



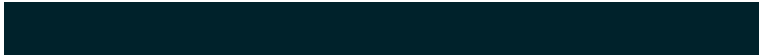
30.6550, -6.7319, 12.5806



28.2890, -5.0725, -6.3925

Rectangle

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



24.8600, 8.9430, -21.8022



29.5460, 8.6048, -6.6178



30.6550, -6.7319, 12.5806



29.6170, -9.1782, 3.8439

Sweetspot

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



24.8600, 8.9430, -21.8022



49.1560, 3.3741, -8.9068



26.2670, -8.5126, -23.0362



23.8360, 2.0529, -5.1182



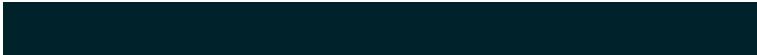
156.0000, 0.0000, 0.0000



28.0000, 0.0000, 0.0000

Same Dimension

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



24.8600, 8.9430, -21.8022



32.2120, 11.7275, -28.2499



12.5330, 15.0202, -10.9914



19.4020, 0.2948, -1.2296



48.9050, 17.3018, -42.8897



122.1970, 44.2729, -107.1668

Inverse Universe

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



16.7330, 8.5126, 23.0362



21.7600, 10.9643, 30.0285



30.4670, -15.0202, 10.9914



18.8260, 0.5788, 1.0296



32.7540, 16.8833, 44.9427



82.4260, 41.6950, 113.6364

Previews

White Background



This preview shows how the YUV color 24.8600, 8.9430, -21.8022 looks on a white background.

Color Contrast Check

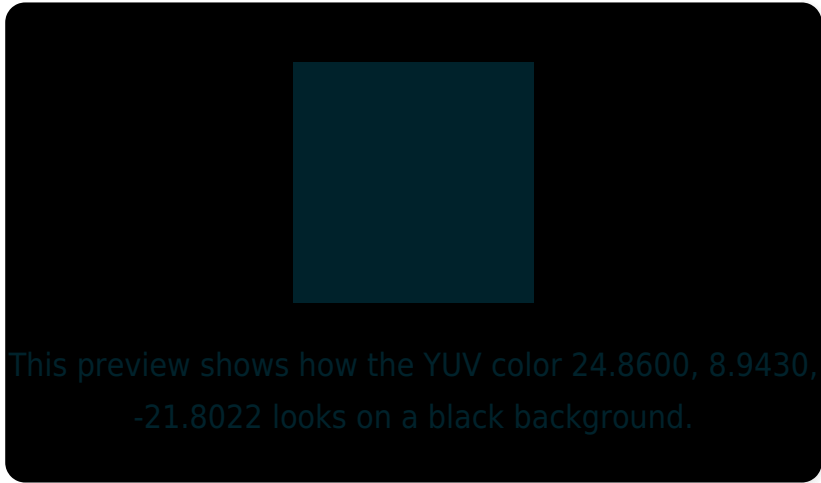
Large Text (above 18pt) WCAG AA ✓ Pass

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

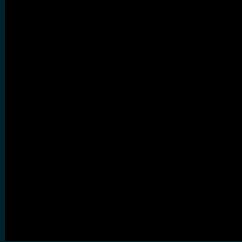
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

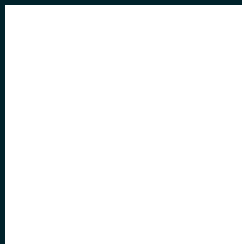
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 24.8600, 8.9430, -21.8022

Background



This preview shows how black text looks on a background with the YUV color 24.8600, 8.9430, -21.8022.



This preview shows how white text looks on a background with the YUV color 24.8600, 8.9430,

-21.8022.

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

24.8600, 8.9430, -21.8022

Protanopia

31.5420, 4.6628, -2.2293

Deuteranopia

31.2860, 6.2680, -3.7588



Tritanopia

24.7630, 6.0328, -21.7172

Trichromacy



Original Color

24.8600, 8.9430, -21.8022

Protanomaly

28.9540, 6.4317, -9.6067

Deuteranomaly

28.8830, 7.4527, -10.4214

Tritanomaly

24.9910, 6.9064, -21.9171

Monochromacy



Original Color

24.8600, 8.9430, -21.8022

Achromatopsia

25.0000, 0.0000, 0.0000

Achromatomaly

24.8680, 3.5161, -7.7772

CSS Examples

Text

The CSS property to change the color of the text to YUV 24.8600, 8.9430, -21.8022 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(0, 34, 43)` looks like.

```
.text, #text, p{  
    color:rgb(0, 34, 43)  
}
```

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(0, 34, 43) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 34, 43) }
```

Border

The CSS property to change the border of an element to YUV 24.8600, 8.9430, -21.8022 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(0, 34, 43) }
```


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

```
.border{ border-color:rgb(0, 34, 43) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 34, 43)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 34, 43); -webkit-box-shadow:4px  
4px 4px 4px rgb(0, 34, 43); box-shadow:4px  
4px 4px 4px rgb(0, 34, 43) }
```

Background

The CSS property to change the background color of an element to YUV 24.8600, 8.9430, -21.8022 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 34, 43) }
```

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

```
.background{ background-color: rgb(0, 34,  
43) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor