

Converting Colors

YUV(24.9230, 16.8000,
-21.8575)

Have a look what the booklet for
YUV(24.9230, 16.8000, -21.8575)
contains.

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Color

**YUV(24.9230, 16.8000,
-21.8575)**

Conversions

Conversions Part 1

Format	Color
Hex	001F3B
RGB	0, 31, 59
RGB Percent	0%, 12%, 23%
CMY	1.0000, 0.8784, 0.7686
CMYK	1.00, 0.47, 0.00, 0.77
HSL	208°, 100%, 12%
HSV	208°, 100%, 23%
XYZ	1.2794, 1.2957, 4.3203
YIQ	24.9230, -27.4640, 2.1360

Conversions

Conversions Part 2

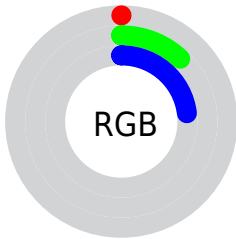
Format	Color
RYB	0, 20, 59
Decimal	7995
CIELab	11.25, 1.50, -21.24
CIELCh	11, 21.293, 274.043
Yxy	1.2957, 0.1855, 0.1879
Android (android.graphics.Color)	4278198075 (0xFF001F3B)
YUV	24.9230, 16.8000, -21.8575
Hunter-Lab	11.3831, 0.1422, -14.5349

Details

The YUV color **24.9230, 16.8000, -21.8575** is a dark color, and the websafe version is hex **003366**. A complement of this color would be **34.0770, -16.8000, 21.8575**, and the grayscale version is **25.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **71.4830, 17.5099, -16.2096**, and **2.1830, 5.8258, -1.9145** is the 20% darker color. If you saturate the color by 10%, you get **24.9230, 16.8000, -21.8575**, and if you desaturate by 10%, it is **28.4780, 15.0473, -19.7132**.

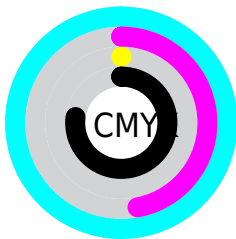
Distribution



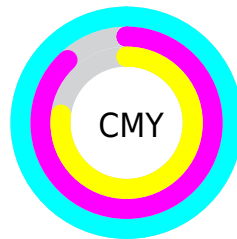
- Red (0%)
- Green (12%)
- Blue (23%)



- Red (0%)
- Yellow (8%)
- Blue (23%)



- Cyan (100%)
- Magenta (47%)
- Yellow (0%)
- Black (77%)



- Cyan (100%)
- Magenta (88%)
- Yellow (77%)

Brightness & Saturation Gradients

These gradients show how the YUV color 24.9230, 16.8000, -21.8575 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 24.9230, 16.8000, -21.8575 by changing the saturation by 10% instead.

■ 24.9230, 16.8000,
-21.8575

■ 24.9230, 16.8000,
-21.8575

■ 250.2160, 2.3585,
-9.8364

■ 7.7400, 14.4252,
-6.7880

■ 71.4830, 17.5099,
-16.2096

■ 2.1830, 5.8258,
-1.9145

■ 95.5970, 17.9467,
-16.3096

■ 0.0000, 0.0000,
0.0000

■ 121.0100, 18.2361,
-15.7948

■ 147.1240, 18.6729,
-15.8947

■ 173.3520, 19.5465,
-16.0947

■ 201.3520, 19.5465,

-16.0947

■ 227.7560, 13.4313,
-14.6950

■ 24.9230, 16.8000,
-21.8575

■ 28.4780, 15.0473,
-19.7132

■ 32.0330, 13.2947,
-17.5689

■ 35.0010, 11.8315,
-14.9099

■ 38.5560, 10.0789,
-12.7656

■ 41.8120, 8.4737,
-11.2361

■ 45.3670, 6.7211,
-9.0919

■ 48.9220, 4.9685,
-6.9476

■ 51.8900, 3.5052,
-4.2885

■ 55.4450, 1.7526,
-2.1443

Harmonies

Analogous

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



26.9290, 14.3320, -23.6167



24.9230, 16.8000, -21.8575



30.6980, 11.4879, 2.0189

Triad

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



24.9230, 16.8000, -21.8575



29.0800, -7.9274, 22.7318



22.9560, -3.4293, -20.1324

Complementary

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



24.9230, 16.8000, -21.8575



34.0770, -16.8000, 21.8575

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.



26.8350, -13.2297, -3.3633



24.9230, 16.8000, -21.8575



28.7390, -14.1683, 17.7689

Square

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



24.9230, 16.8000, -21.8575



29.4420, -0.2179, 23.2914



28.6730, -14.1358, 7.3028



25.3670, 3.2701, -22.2469

Rectangle

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



24.9230, 16.8000, -21.8575



31.1400, 7.8190, 12.1552



28.6730, -14.1358, 7.3028



23.9630, -7.3768, -13.9996

Sweetspot

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



24.9230, 16.8000, -21.8575



63.6660, 6.5737, -8.4771



37.8250, -4.8437, -33.1725



30.2920, 3.8000, -5.5181



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.



24.9230, 16.8000, -21.8575



32.2580, 22.0578, -28.2903



7.9000, 25.1923, -6.9283



28.9290, 1.0210, -0.8147



40.0660, 26.5895, -35.1379



93.9870, 63.1104, -82.4266

Inverse Universe

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



21.1750, 4.8437, 33.1725



27.5830, 6.1216, 43.3387



51.1000, -25.1923, 6.9283



29.0110, -0.0054, 1.7444



33.8060, 7.9836, 52.7901



79.7160, 18.3810, 124.7831

Previews

White Background



This preview shows how the YUV color 24.9230, 16.8000, -21.8575 looks on a white background.

Color Contrast Check

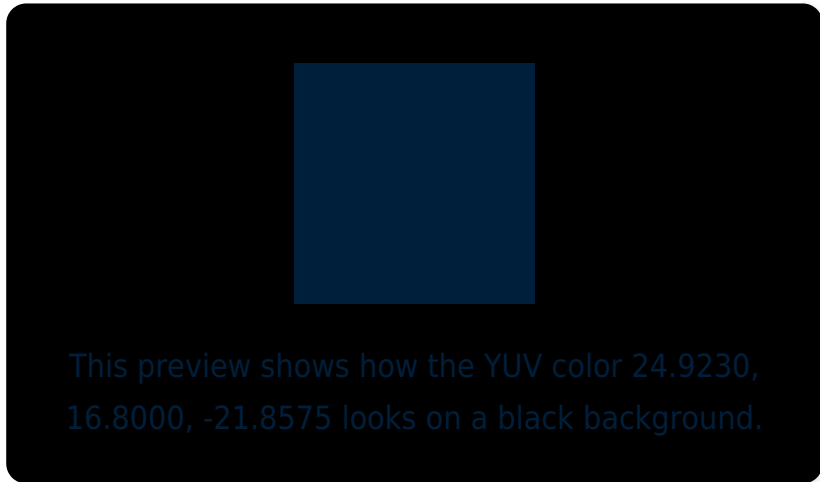
Large Text (above 18pt) WCAG AA ✓ Pass

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

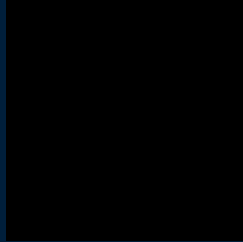
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 24.9230, 16.8000, -21.8575

Background



This preview shows how black text looks on a background with the YUV color 24.9230, 16.8000, -21.8575.



This preview shows how white text looks on a background with the YUV color 24.9230, 16.8000,

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



Protanopia

29.0060, 14.2940, -11.4063

Deuteranopia

25.1680, 15.2002, -22.0723

Tritanopia

24.7630, 6.0328, -21.7172

Trichromacy



Protanomaly

27.2120, 15.1785, -15.0949

Deuteranomaly

25.2820, 15.6370, -22.1723

Tritanomaly

25.0880, 9.8166, -22.0022

Monochromacy



Achromatopsia

25.0000, 0.0000, 0.0000

Achromatomaly

24.8510, 5.9895, -7.7623

CSS Examples

Text

The CSS property to change the color of the text to YUV 24.9230, 16.8000, -21.8575 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, 31, 59)` looks like.

```
.text, #text, p{  
    color:rgb(0, 31, 59)  
}
```

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, 31, 59) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 31, 59) }
```

Border

The CSS property to change the border of an element to YUV 24.9230, 16.8000, -21.8575 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, 31, 59) }
```

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

```
.border{ border-color:rgb(0, 31, 59) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 31, 59)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 31, 59); -webkit-box-shadow:4px  
4px 4px 4px rgb(0, 31, 59); box-shadow:4px  
4px 4px 4px rgb(0, 31, 59) }
```


Background

The CSS property to change the background color of an element to YUV 24.9230, 16.8000, -21.8575 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 31, 59) }
```

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

```
.background{ background-color: rgb(0, 31,  
59) }
```

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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