

Converting Colors

YUV(24.4670, 15.0528,
-21.4576)

Have a look what the booklet for
YUV(24.4670, 15.0528, -21.4576)
contains.

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Color

**YUV(24.4670, 15.0528,
-21.4576)**

Conversions

Conversions Part 1

Format	Color
Hex	001F37
RGB	0, 31, 55
RGB Percent	0%, 12%, 22%
CMY	1.0000, 0.8784, 0.7843
CMYK	1.00, 0.44, 0.00, 0.78
HSL	206°, 100%, 11%
HSV	206°, 100%, 22%
XYZ	1.1796, 1.2558, 3.7947
YIQ	24.4670, -26.1800, 0.8920

Conversions

Conversions Part 2

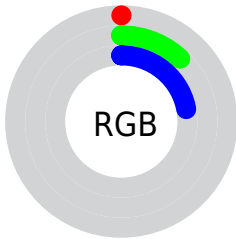
Format	Color
RYB	0, 20, 55
Decimal	7991
CIELab	10.96, -0.46, -18.84
CIElCh	11, 18.846, 268.610
Yxy	1.2558, 0.1893, 0.2016
Android (android.graphics.Color)	4278198071 (0xFF001F37)
YUV	24.4670, 15.0528, -21.4576
Hunter-Lab	11.2063, -0.8221, -12.2323

Details

The YUV color **24.4670, 15.0528, -21.4576** is a dark color, and the websafe version is hex **003366**. A complement of this color would be **30.5330, -15.0528, 21.4576**, and the grayscale version is **24.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **70.3150, 15.6207, -16.9393**, and **0.9120, 3.4944, -0.7998** is the 20% darker color. If you saturate the color by 10%, you get **24.4670, 15.0528, -21.4576**, and if you desaturate by 10%, it is **27.1360, 13.7370, -19.4133**.

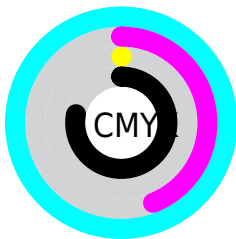
Distribution



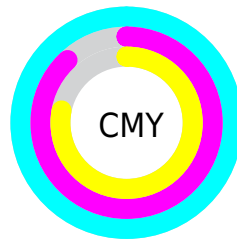
- Red (0%)
- Green (12%)
- Blue (22%)



- Red (0%)
- Yellow (8%)
- Blue (22%)



- Cyan (100%)
- Magenta (44%)
- Yellow (0%)
- Black (78%)



- Cyan (100%)
- Magenta (88%)
- Yellow (78%)

Brightness & Saturation Gradients

These gradients show how the YUV color 24.4670, 15.0528, -21.4576 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 24.4670, 15.0528, -21.4576 by changing the saturation by 10% instead.

■ 24.4670, 15.0528,
-21.4576

■ 24.4670, 15.0528,
-21.4576

■ 249.6180, 2.6533,
-11.0660

■ 7.3980, 13.1148,
-6.4880

■ 70.3150, 15.6207,
-16.9393

■ 0.9120, 3.4944,
-0.7998

■ 94.7280, 15.9101,
-16.4245

■ 0.0000, 0.0000,
0.0000

■ 119.8420, 16.3469,
-16.5244

■ 145.9560, 16.7837,
-16.6244

■ 172.1840, 17.6573,
-16.8244

■ 199.8850, 17.8047,

-17.4391

■ 226.8590, 13.8735,
-16.5393

■ 24.4670, 15.0528,
-21.4576

■ 27.1360, 13.7370,
-19.4133

■ 30.6910, 11.9843,
-17.2690

■ 33.6590, 10.5211,
-14.6099

■ 36.9150, 8.9159,
-13.0805

■ 39.8830, 7.4527,
-10.4214

■ 42.5520, 6.1369,
-8.3771

■ 46.1070, 4.3842,
-6.2328

■ 48.7760, 3.0684,
-4.1886

■ 52.3310, 1.3158,
-2.0443

Harmonies

Analogous

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



25.7720, 12.4374, -22.6020



24.4670, 15.0528, -21.4576



29.8610, 10.9145, -0.7551

Triad

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



24.4670, 15.0528, -21.4576



28.6390, -5.7380, 20.4876



24.2340, -5.0454, -15.1142

Complementary

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



24.4670, 15.0528, -21.4576



30.5330, -15.0528, 21.4576

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.



26.5580, -13.0931, -0.4894



24.4670, 15.0528, -21.4576



28.5540, -13.5841, 17.0541

Square

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



24.4670, 15.0528, -21.4576



29.6480, 0.6665, 19.6027



27.7980, -13.7044, 8.9472



24.3240, 1.8123, -21.3321

Rectangle

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



24.4670, 15.0528, -21.4576



30.7050, 7.5404, 8.1517



27.7980, -13.7044, 8.9472



25.4690, -8.1192, -9.1813

Sweetspot

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



24.4670, 15.0528, -21.4576



59.4380, 5.7001, -8.2771



35.0210, -5.4334, -30.7134



28.5910, 3.6526, -4.9033



163.0000, 0.0000, 0.0000



36.0000, 0.0000, 0.0000

Same Dimension

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



24.4670, 15.0528, -21.4576



31.5740, 19.4370, -27.6904



8.6180, 22.8663, -7.5580



26.5160, 0.7316, -1.3295



41.0120, 25.1371, -35.9675



97.7540, 59.7743, -85.7303

Inverse Universe

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



19.9790, 5.4334, 30.7134



25.7890, 7.0060, 39.6500



46.3820, -22.8663, 7.5580



26.1250, 0.4314, 1.6444



33.4360, 9.1521, 51.3606



79.6170, 21.8808, 122.2389

Previews

White Background



This preview shows how the YUV color 24.4670, 15.0528, -21.4576 looks on a white background.

Color Contrast Check

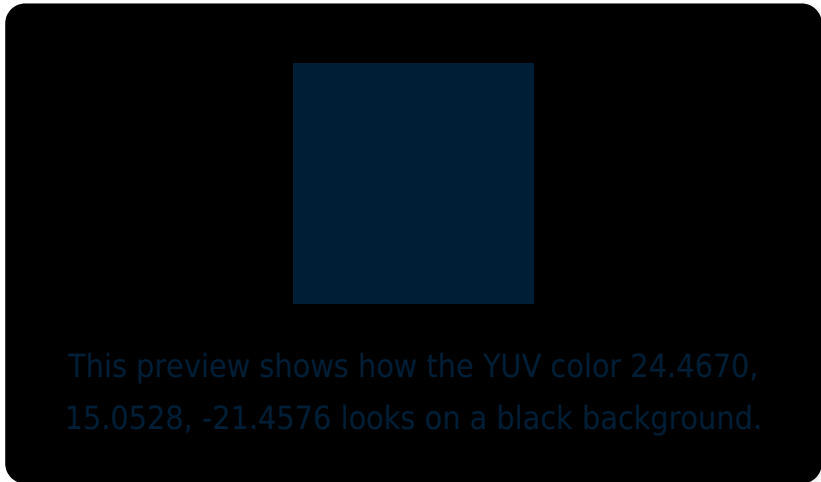
Large Text (above 18pt) WCAG AA ✓ Pass

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

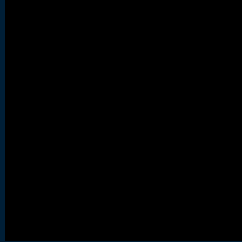
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 24.4670, 15.0528, -21.4576

Background



This preview shows how black text looks on a background with the YUV color 24.4670, 15.0528, -21.4576.



This preview shows how white text looks on a background with the YUV color 24.4670, 15.0528,

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

29.4470, 12.1046, -9.1620

Deuteranopia

24.7660, 14.9054, -20.8428

Tritanopia

24.0620, 5.8854, -21.1024

Trichromacy



Protanomaly

27.3540, 13.1365, -13.4655

Deuteranomaly

24.7660, 14.9054, -20.8428

Tritanomaly

24.2730, 9.2324, -21.2874

Monochromacy



Achromatopsia

24.0000, 0.0000, 0.0000

Achromatomaly

24.3240, 5.2633, -8.1771

CSS Examples

Text

The CSS property to change the color of the text to YUV 24.4670, 15.0528, -21.4576 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, 55)` looks like.

```
.text, #text, p{  
    color:rgb(0, 31, 55)  
}
```

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, 55) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 31, 55) }
```

Border

The CSS property to change the border of an element to YUV 24.4670, 15.0528, -21.4576 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, 55) }
```

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

```
.border{ border-color:rgb(0, 31, 55) }
```

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, 55)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 31, 55); -webkit-box-shadow:4px  
4px 4px 4px rgb(0, 31, 55); box-shadow:4px  
4px 4px 4px rgb(0, 31, 55) }
```


Background

The CSS property to change the background color of an element to YUV 24.4670, 15.0528, -21.4576 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, 55) }
```

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

```
.background{ background-color: rgb(0, 31,  
55) }
```

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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