

Converting Colors

YUV(21.9560, 16.7837,
-16.6244)

Have a look what the booklet for
YUV(21.9560, 16.7837, -16.6244)
contains.

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Color

**YUV(21.9560, 16.7837,
-16.6244)**

Conversions

Conversions Part 1

Format	Color
Hex	031938
RGB	3, 25, 56
RGB Percent	1%, 10%, 22%
CMY	0.9882, 0.9020, 0.7804
CMYK	0.95, 0.55, 0.00, 0.78
HSL	215°, 90%, 12%
HSV	215°, 95%, 22%
XYZ	1.0990, 1.0001, 3.8765
YIQ	21.9560, -23.0630, 4.9770

Conversions

Conversions Part 2

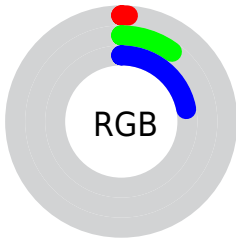
Format	Color
R _Y B	3, 19, 56
Decimal	203064
CIE Lab	8.99, 5.34, -22.70
CIE LCh	9, 23.323, 283.227
Yxy	1.0001, 0.1839, 0.1674
Android (android.graphics.Color)	4278393144 (0xFF031938)
YUV	21.9560, 16.7837, -16.6244
Hunter-Lab	10.0007, 2.1143, -15.9816

Details

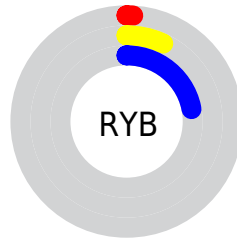
The YUV color **21.9560, 16.7837, -16.6244** is a dark color, and the websafe version is hex **000033**. A complement of this color would be **37.0440, -16.7837, 16.6244**, and the grayscale version is **22.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **67.2170, 17.6410, -11.5913**, and **1.0260, 3.9312, -0.8998** is the 20% darker color. If you saturate the color by 10%, you get **19.8850, 17.8047, -17.4391**, and if you desaturate by 10%, it is **25.5110, 15.0311, -14.4801**.

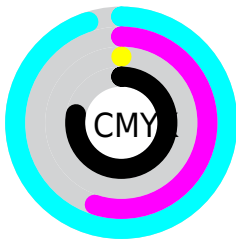
Distribution



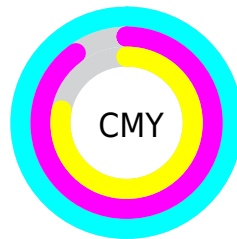
- Red (1%)
- Green (10%)
- Blue (22%)



- Red (1%)
- Yellow (7%)
- Blue (22%)



- Cyan (95%)
- Magenta (55%)
- Yellow (0%)
- Black (78%)



- Cyan (99%)
- Magenta (90%)
- Yellow (78%)

Brightness & Saturation Gradients

These gradients show how the YUV color 21.9560, 16.7837, -16.6244 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 21.9560, 16.7837, -16.6244 by changing the saturation by 10% instead.

■ 21.9560, 16.7837,
-16.6244

■ 21.9560, 16.7837,
-16.6244

■ 248.1670, 3.3687,
-7.1625

■ 4.5770, 14.9985,
-4.0140

■ 67.2170, 17.6410,
-11.5913

■ 1.0260, 3.9312,
-0.8998

■ 91.4450, 18.5146,
-11.7913

■ 0.0000, 0.0000,
0.0000

■ 115.9720, 19.2408,
-11.3764

■ 142.0860, 19.6776,
-11.4764

■ 168.4990, 19.9670,
-10.9616

■ 195.7270, 20.8406,

-11.1616

■ 222.4730, 16.0358,
-10.0618

■ 21.9560, 16.7837,
-16.6244

■ 21.9560, 16.7837,
-16.6244

■ 19.8850, 17.8047,
-17.4391

■ 25.5110, 15.0311,
-14.4801

■ 29.3540, 13.1365,
-13.4655

■ 32.9090, 11.3839,
-11.3212

■ 36.1650, 9.7787,
-9.7917

■ 39.7200, 8.0260,
-7.6474

■ 43.8620, 5.9840,
-6.0180

■ 47.1180, 4.3788,
-4.4885

■ 50.6730, 2.6262,
-2.3442

■ 53.9290, 1.0210,
-0.8147

Harmonies

Analogous

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



23.8800, 15.3422, -20.9428



21.9560, 16.7837, -16.6244



26.5030, 10.5980, 7.4519

Triad

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



21.9560, 16.7837, -16.6244



23.1680, -11.4218, 23.5317



21.0810, -2.9979, -18.4880

Complementary

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



21.9560, 16.7837, -16.6244



37.0440, -16.7837, 16.6244

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.



20.8880, -10.2978, -10.4258



21.9560, 16.7837, -16.6244



24.2870, -11.9735, 13.7803

Square

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



21.9560, 16.7837, -16.6244



23.2960, -2.1179, 26.0504



23.9220, -11.7935, 2.6994



23.6060, 4.1382, -20.7025

Rectangle

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



21.9560, 16.7837, -16.6244



25.6460, 7.0765, 16.9735



23.9220, -11.7935, 2.6994



19.4680, -6.6397, -17.0734

Sweetspot

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



21.9560, 16.7837, -16.6244



60.6770, 6.5682, -6.7327



37.6450, -1.7970, -30.3837



30.0040, 3.9420, -4.3885



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.



21.9560, 16.7837, -16.6244



26.6330, 23.3519, -23.3571



10.2380, 22.5607, -2.8397



25.9290, 1.0210, -0.8147



32.7940, 29.1886, -28.7603



78.3830, 69.3242, -68.7419

Inverse Universe

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



21.3550, 1.7970, 30.3837



25.6600, 2.6326, 42.3942



48.7620, -22.5607, 2.8397



26.0110, -0.0054, 1.7444



31.8400, 3.0369, 52.7603



75.8550, 7.4665, 125.5382

Previews

White Background



This preview shows how the YUV color 21.9560, 16.7837, -16.6244 looks on a white background.

Color Contrast Check

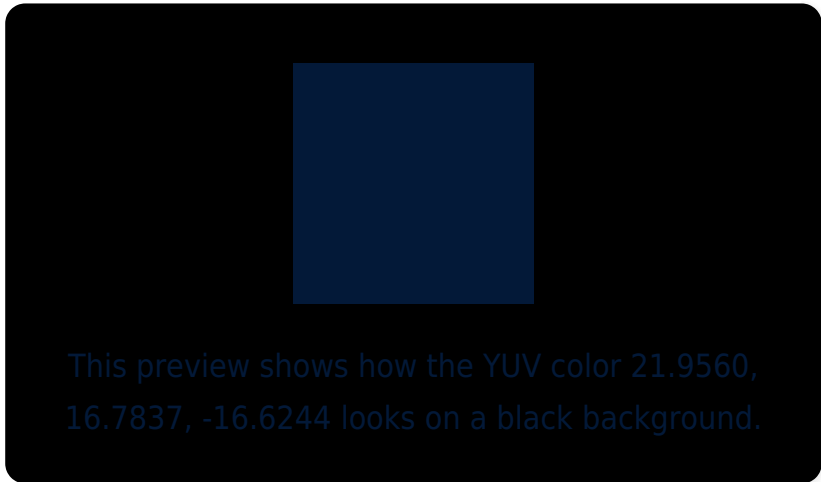
Large Text (above 18pt) WCAG AA ✓ Pass

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

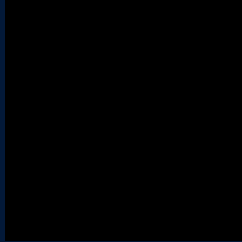
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 21.9560, 16.7837, -16.6244

Background



This preview shows how black text looks on a background with the YUV color 21.9560, 16.7837, -16.6244.



This preview shows how white text looks on a background with the YUV color 21.9560, 16.7837,

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

21.9560, 16.7837, -16.6244

Protanopia

20.8310, 16.3523, -18.2688

Deuteranopia

21.2070, 12.7159, -18.5985



Tritanopia

20.5570, 5.1484, -18.0285

Trichromacy



Original Color

21.9560, 16.7837, -16.6244

Protanomaly

21.2440, 16.6417, -17.7540

Deuteranomaly

21.2610, 14.1683, -17.7689

Tritanomaly

21.2950, 9.2216, -17.7987

Monochromacy



Original Color

21.9560, 16.7837, -16.6244

Achromatopsia

22.0000, 0.0000, 0.0000

Achromatomaly

21.8620, 5.9840, -6.0180

CSS Examples

Text

The CSS property to change the color of the text to YUV 21.9560, 16.7837, -16.6244 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(3, 25, 56)` looks like.

```
.text, #text, p{  
    color:rgb(3, 25, 56)  
}
```

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(3, 25, 56) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(3, 25, 56) }
```

Border

The CSS property to change the border of an element to YUV 21.9560, 16.7837, -16.6244 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(3, 25, 56) }
```


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

```
.border{ border-color:rgb(3, 25, 56) }
```

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

Here you see how a box with a 4 pixel `rgb(3, 25, 56)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(3, 25, 56); -webkit-box-shadow:4px  
4px 4px 4px rgb(3, 25, 56); box-shadow:4px  
4px 4px 4px rgb(3, 25, 56) }
```

Background

The CSS property to change the background color of an element to YUV 21.9560, 16.7837, -16.6244 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(3, 25, 56) }
```

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

```
.background{ background-color: rgb(3, 25,  
56) }
```

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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