

Converting Colors

YUV(21.5970, 17.9467,
-16.3096)

Have a look what the booklet for
YUV(21.5970, 17.9467, -16.3096)
contains.

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Color

**YUV(21.5970, 17.9467,
-16.3096)**

Conversions

Conversions Part 1

Format	Color
Hex	03183A
RGB	3, 24, 58
RGB Percent	1%, 9%, 23%
CMY	0.9882, 0.9059, 0.7725
CMYK	0.95, 0.59, 0.00, 0.77
HSL	217°, 90%, 12%
HSV	217°, 95%, 23%
XYZ	1.1279, 0.9781, 4.1323
YIQ	21.5970, -23.4300, 6.1220

Conversions

Conversions Part 2

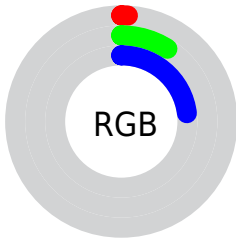
Format	Color
R_{YB}	3, 18, 58
Decimal	202810
CIE _{Lab}	8.81, 7.12, -24.44
CIE _{LCh}	9, 25.454, 286.235
Yxy	0.9781, 0.1808, 0.1568
Android (android.graphics.Color)	4278392890 (0xFF03183A)
YUV	21.5970, 17.9467, -16.3096
Hunter-Lab	9.8900, 3.0497, -17.8502

Details

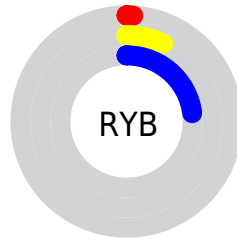
The YUV color **21.5970, 17.9467, -16.3096** is a dark color, and the websafe version is hex **000033**. A complement of this color would be **39.4030, -17.9467, 16.3096**, and the grayscale version is **21.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **67.2710, 19.0934, -10.7617**, and **1.3680, 5.2416, -1.1997** is the 20% darker color. If you saturate the color by 10%, you get **19.5260, 18.9677, -17.1243**, and if you desaturate by 10%, it is **25.7390, 15.9047, -14.6801**.

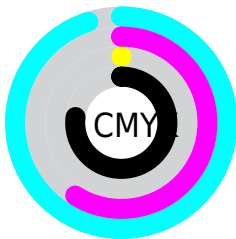
Distribution



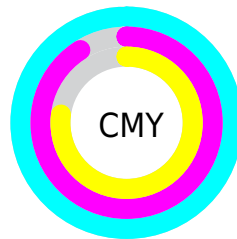
- Red (1%)
- Green (9%)
- Blue (23%)



- Red (1%)
- Yellow (7%)
- Blue (23%)



- Cyan (95%)
- Magenta (59%)
- Yellow (0%)
- Black (77%)



- Cyan (99%)
- Magenta (91%)
- Yellow (77%)

Brightness & Saturation Gradients

These gradients show how the YUV color 21.5970, 17.9467, -16.3096 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 21.5970, 17.9467, -16.3096 by changing the saturation by 10% instead.

■ 21.5970, 17.9467,
-16.3096

■ 21.5970, 17.9467,
-16.3096

■ 247.2920, 3.8000,
-5.5181

■ 4.6910, 15.4353,
-4.1140

■ 67.2710, 19.0934,
-10.7617

■ 1.3680, 5.2416,
-1.1997

■ 91.3850, 19.5302,
-10.8616

■ 0.0000, 0.0000,
0.0000

■ 115.9120, 20.2564,
-10.4468

■ 141.4390, 20.9826,
-10.0320

■ 168.5530, 21.4194,
-10.1320

■ 195.6670, 21.8562,

-10.2320

■ 222.1850, 16.1778,
-8.9322

■ 21.5970, 17.9467,
-16.3096

■ 21.5970, 17.9467,
-16.3096

■ 19.5260, 18.9677,
-17.1243

■ 25.7390, 15.9047,
-14.6801

■ 29.2940, 14.1521,
-12.5358

■ 33.1370, 12.2575,
-11.5211

■ 36.6920, 10.5048,
-9.3769

■ 40.8340, 8.4628,
-7.7474

■ 44.9760, 6.4208,
-6.1180

■ 48.5310, 4.6682,
-3.9737

■ 52.3740, 2.7736,
-2.9590

■ 55.9290, 1.0210,
-0.8147

Harmonies

Analogous

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



23.6350, 16.9419, -20.7279



21.5970, 17.9467, -16.3096



26.0410, 11.3188, 9.6110

Triad

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



21.5970, 17.9467, -16.3096



22.8800, -11.2798, 24.6612



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.



21.5970, 17.9467, -16.3096



39.4030, -17.9467, 16.3096

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.



18.7950, -9.2659, -14.7292



21.5970, 17.9467, -16.3096



23.9880, -11.8261, 13.1655

Square

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



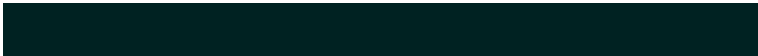
21.5970, 17.9467, -16.3096



21.6770, -3.2918, 29.2243



23.0250, -11.3513, 0.8551



23.8340, 5.0118, -20.9024

Rectangle

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



21.5970, 17.9467, -16.3096



24.6680, 7.0657, 20.4622



23.0250, -11.3513, 0.8551



20.0550, -6.9291, -17.5882

Sweetspot

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



21.5970, 17.9467, -16.3096



62.2040, 7.2944, -6.3179



39.1610, -1.0654, -31.7132



29.4170, 4.2314, -3.8737



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.



21.5970, 17.9467, -16.3096



25.8010, 25.2411, -22.6275



11.0640, 23.1394, -1.8101



25.9290, 1.0210, -0.8147



31.0330, 30.0567, -27.2159



74.2740, 71.3499, -65.1383

Inverse Universe

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



21.8390, 1.0654, 31.7132



26.3290, 1.3168, 44.4385



49.9360, -23.1394, 1.8101



26.0110, -0.0054, 1.7444



31.4980, 1.7265, 53.0603



75.0570, 4.4089, 126.2380

Previews

White Background



This preview shows how the YUV color 21.5970, 17.9467, -16.3096 looks on a white background.

Color Contrast Check

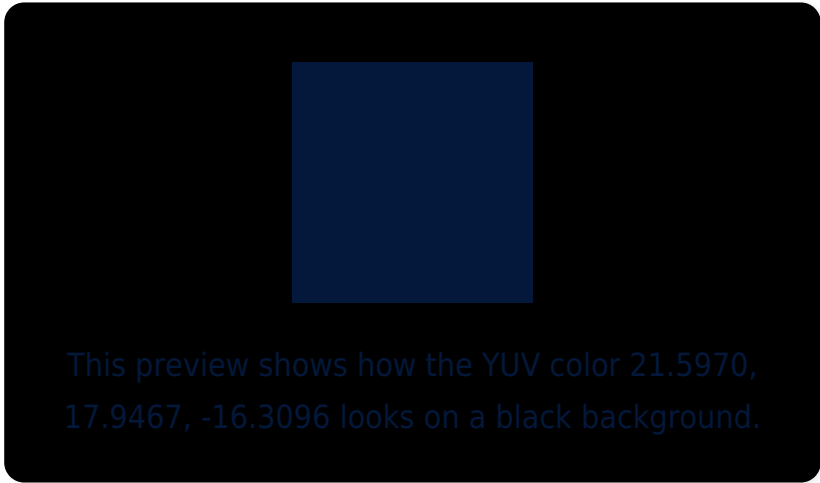
Large Text (above 18pt) WCAG AA ✓ Pass

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

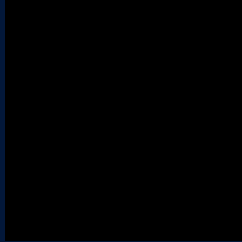
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 21.5970, 17.9467, -16.3096

Background



This preview shows how black text looks on a background with the YUV color 21.5970, 17.9467, -16.3096.



This preview shows how white text looks on a background with the YUV color 21.5970, 17.9467,

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

21.5970, 17.9467, -16.3096

Protanopia

20.8310, 16.3523, -18.2688

Deuteranopia

21.0930, 12.2792, -18.4986



Tritanopia

20.5570, 5.1484, -18.0285

Trichromacy



Original Color

21.5970, 17.9467, -16.3096

Protanomaly

21.2440, 16.6417, -17.7540

Deuteranomaly

21.2610, 14.1683, -17.7689

Tritanomaly

20.8220, 9.9478, -17.3839

Monochromacy



Original Color

21.5970, 17.9467, -16.3096

Achromatopsia

22.0000, 0.0000, 0.0000

Achromatomaly

21.9760, 6.4208, -6.1180

CSS Examples

Text

The CSS property to change the color of the text to YUV 21.5970, 17.9467, -16.3096 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, 24, 58)` looks like.

```
.text, #text, p{  
    color:rgb(3, 24, 58)  
}
```

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, 24, 58) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(3, 24, 58) }
```

Border

The CSS property to change the border of an element to YUV 21.5970, 17.9467, -16.3096 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, 24, 58) }
```


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

```
.border{ border-color:rgb(3, 24, 58) }
```

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

Here you see how a box with a 4 pixel `rgb(3, 24, 58)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(3, 24, 58); -webkit-box-shadow:4px  
4px 4px 4px rgb(3, 24, 58); box-shadow:4px  
4px 4px 4px rgb(3, 24, 58) }
```

Background

The CSS property to change the background color of an element to YUV 21.5970, 17.9467, -16.3096 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(3, 24, 58) }
```

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

```
.background{ background-color: rgb(3, 24,  
58) }
```

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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