

Converting Colors

YUV(27.6370, 13.9830, -4.9436)

Have a look what the booklet for
YUV(27.6370, 13.9830, -4.9436)
contains.

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Color

**YUV(27.6370, 13.9830,
-4.9436)**

Conversions

Conversions Part 1

Format	Color
Hex	161938
RGB	22, 25, 56
RGB Percent	9%, 10%, 22%
CMY	0.9137, 0.9020, 0.7804
CMYK	0.61, 0.55, 0.00, 0.78
HSL	235°, 44%, 15%
HSV	235°, 61%, 22%
XYZ	1.3923, 1.1514, 3.8902
YIQ	27.6370, -11.7390, 9.0050

Conversions

Conversions Part 2

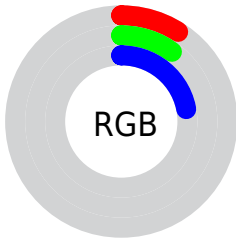
Format	Color
R_{YB}	22, 25, 56
Decimal	1448248
CIE _{Lab}	10.19, 9.44, -20.71
CIE _{LCh}	10, 22.760, 294.497
Yxy	1.1514, 0.2164, 0.1790
Android (android.graphics.Color)	4279638328 (0xFF161938)
YUV	27.6370, 13.9830, -4.9436
Hunter-Lab	10.7301, 4.3840, -13.9846

Details

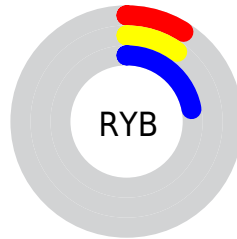
The YUV color **27.6370, 13.9830, -4.9436** is a dark color, and the websafe version is hex **000033**. A complement of this color would be **50.3630, -13.9830, 4.9436**, and the grayscale version is **28.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **71.9900, 15.2879, -3.4992**, and **1.0260, 3.9312, -0.8998** is the 20% darker color. If you saturate the color by 10%, you get **22.9080, 16.3144, -6.0583**, and if you desaturate by 10%, it is **32.3660, 11.6516, -3.8290**.

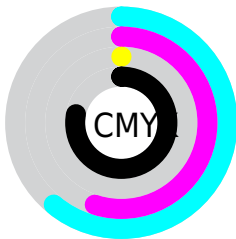
Distribution



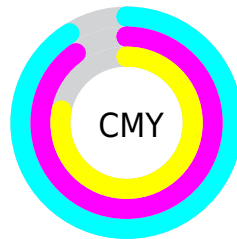
- Red (9%)
- Green (10%)
- Blue (22%)



- Red (9%)
- Yellow (10%)
- Blue (22%)



- Cyan (61%)
- Magenta (55%)
- Yellow (0%)
- Black (78%)



- Cyan (91%)
- Magenta (90%)
- Yellow (78%)

Brightness & Saturation Gradients

These gradients show how the YUV color 27.6370, 13.9830, -4.9436 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 27.6370, 13.9830, -4.9436 by changing the saturation by 10% instead.

■ 27.6370, 13.9830,
-4.9436

■ 27.6370, 13.9830,
-4.9436

■ 252.6520, 1.1576,
2.0592

■ 3.9900, 15.2879,
-3.4992

■ 71.9900, 15.2879,
-3.4992

■ 1.0260, 3.9312,
-0.8998

■ 95.5170, 16.0141,
-3.0844

■ 0.0000, 0.0000,
0.0000

■ 120.7450, 16.8877,
-3.2844

■ 146.1580, 17.1771,
-2.7696

■ 173.2720, 17.6139,
-2.8695

■ 200.6850, 17.9033,

-2.3547

■ 227.5450, 13.5353,
-1.3550

■ 27.6370, 13.9830,
-4.9436

■ 27.6370, 13.9830,
-4.9436

■ 22.9080, 16.3144,
-6.0583

■ 32.3660, 11.6516,
-3.8290

■ 18.4780, 18.4983,
-6.5582

■ 36.7960, 9.4676,
-3.3291

■ 13.7490, 20.8297,
-7.6729

■ 41.5250, 7.1362,
-2.2144

■ 9.3190, 23.0137,
-8.1728

■ 45.9550, 4.9522,
-1.7145

■ 51.2710, 2.3314,
-1.1147

■ 56.0000, 0.0000,
0.0000

■ 60.4300, -2.1840,
0.4999

■ 65.1590, -4.5154,
1.6146

■ 69.5890, -6.6994,
2.1144

Harmonies

Analogous

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



24.9230, 16.8000, -21.8575



27.6370, 13.9830, -4.9436



28.9660, 8.3978, 13.1848

Triad

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



27.6370, 13.9830, -4.9436



26.6900, -13.1582, 20.4429



23.2810, 0.3545, -20.4174

Complementary

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



27.6370, 13.9830, -4.9436



50.3630, -13.9830, 4.9436

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.



21.3110, -8.5343, -16.0587



27.6370, 13.9830, -4.9436



26.9230, -13.2730, 10.5915

Square

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



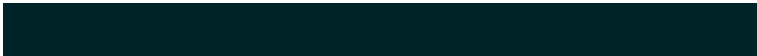
27.6370, 13.9830, -4.9436



26.3730, -5.6069, 25.1059



25.6720, -12.6563, -0.5893



25.1050, 7.3432, -22.0171

Rectangle

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



27.6370, 13.9830, -4.9436



27.5710, 4.1555, 20.5472



25.6720, -12.6563, -0.5893



22.7110, -1.8295, -19.9175

Sweetspot

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



27.6370, 13.9830, -4.9436



63.0690, 5.3890, -1.8145



45.4920, 3.7014, -20.6025



31.4990, 3.2050, -1.3146



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.



27.6370, 13.9830, -4.9436



29.0910, 22.1401, -7.9728



30.0620, 12.7874, 5.2076



25.3420, 1.3104, -0.2999



15.1840, 37.8703, -13.3164



36.1190, 90.1603, -31.6764

Inverse Universe

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



32.5080, -3.7014, 20.6025



36.7160, -5.7760, 32.6981



47.9380, -12.7874, -5.2076



25.8970, -0.4422, 1.8443



28.4200, -10.0671, 55.7597



67.6470, -23.9830, 132.7366

Previews

White Background



This preview shows how the YUV color 27.6370, 13.9830, -4.9436 looks on a white background.

Color Contrast Check

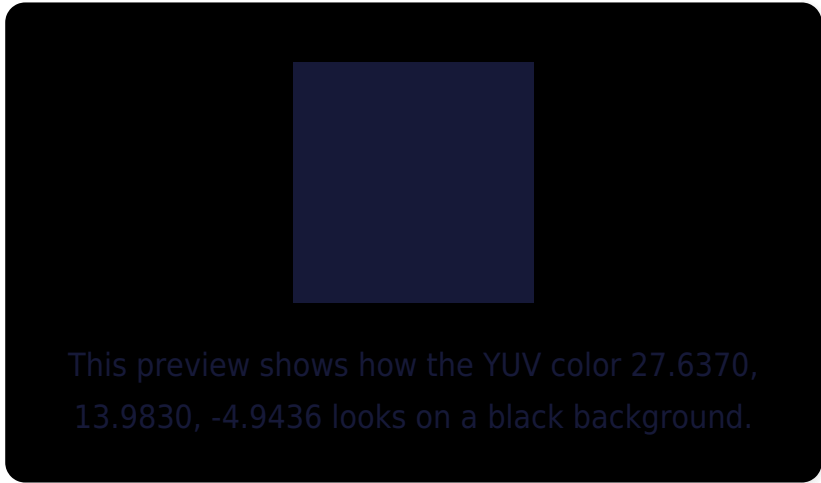
Large Text (above 18pt) WCAG AA ✓ Pass

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

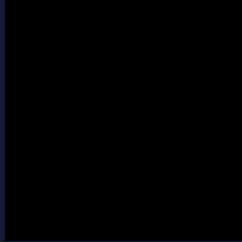
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 27.6370, 13.9830, -4.9436

Background



This preview shows how black text looks on a background with the YUV color 27.6370, 13.9830, -4.9436.



This preview shows how white text looks on a background with the YUV color 27.6370, 13.9830,

-4.9436.

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

27.6370, 13.9830, -4.9436

Protanopia

22.4610, 17.5207, -19.6983

Deuteranopia

22.7230, 13.4476, -19.9281



Tritanopia

25.2480, 3.8217, -12.4955

Trichromacy



Original Color

27.6370, 13.9830, -4.9436

Protanomaly

24.1520, 16.1941, -14.1653

Deuteranomaly

24.7560, 13.4313, -14.6950

Tritanomaly

26.1820, 7.3053, -9.8066

Monochromacy



Original Color

27.6370, 13.9830, -4.9436

Achromatopsia

28.0000, 0.0000, 0.0000

Achromatomaly

27.9550, 4.9522, -1.7145

CSS Examples

Text

The CSS property to change the color of the text to YUV 27.6370, 13.9830, -4.9436 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(22, 25, 56)` looks like.

```
.text, #text, p{  
    color:rgb(22, 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(22, 25, 56) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(22, 25, 56) }
```

Border

The CSS property to change the border of an element to YUV 27.6370, 13.9830, -4.9436 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(22, 25, 56) }
```


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

```
.border{ border-color:rgb(22, 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(22, 25, 56)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(22, 25, 56); -webkit-box-  
shadow:4px 4px 4px 4px rgb(22, 25, 56);  
box-shadow:4px 4px 4px 4px rgb(22, 25, 56)  
}
```

Background

The CSS property to change the background color of an element to YUV 27.6370, 13.9830, -4.9436 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(22, 25, 56) }
```

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

```
.background{ background-color: rgb(22, 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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