

Converting Colors

YUV(22.1360, 13.7370,
-19.4133)

Have a look what the booklet for
YUV(22.1360, 13.7370, -19.4133)
contains.

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Color

**YUV(22.1360, 13.7370,
-19.4133)**

Conversions

Conversions Part 1

Format	Color
Hex	001C32
RGB	0, 28, 50
RGB Percent	0%, 11%, 20%
CMY	1.0000, 0.8902, 0.8039
CMYK	1.00, 0.44, 0.00, 0.80
HSL	206°, 100%, 10%
HSV	206°, 100%, 20%
XYZ	0.9910, 1.0608, 3.1701
YIQ	22.1360, -23.7500, 0.9060

Conversions

Conversions Part 2

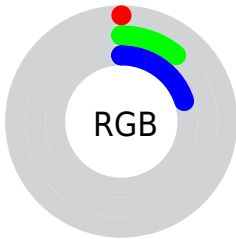
Format	Color
R_{YB}	0, 18, 50
Decimal	7218
CIE _{Lab}	9.49, -0.63, -17.58
CIE _{LCh}	9, 17.594, 267.944
Yxy	1.0608, 0.1898, 0.2031
Android (android.graphics.Color)	4278197298 (0xFF001C32)
YUV	22.1360, 13.7370, -19.4133
Hunter-Lab	10.2995, -0.8496, -11.0395

Details

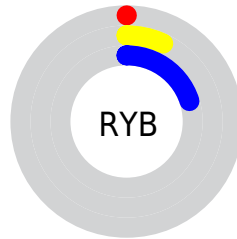
The YUV color **22.1360, 13.7370, -19.4133** is a dark color, and the websafe version is hex **000000**. A complement of this color would be **27.8640, -13.7370, 19.4133**, and the grayscale version is **22.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **67.2720, 14.1629, -16.0245**, and **0.0000, 0.0000, 0.0000** is the 20% darker color. If you saturate the color by 10%, you get **22.1360, 13.7370, -19.4133**, and if you desaturate by 10%, it is **24.8050, 12.4211, -17.3690**.

Distribution



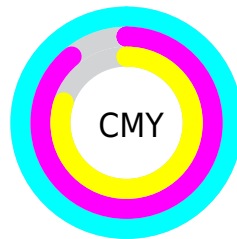
- Red (0%)
- Green (11%)
- Blue (20%)



- Red (0%)
- Yellow (7%)
- Blue (20%)



- Cyan (100%)
- Magenta (44%)
- Yellow (0%)
- Black (80%)



- Cyan (100%)
- Magenta (89%)
- Yellow (80%)

Brightness & Saturation Gradients

These gradients show how the YUV color 22.1360, 13.7370, -19.4133 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 22.1360, 13.7370, -19.4133 by changing the saturation by 10% instead.

■ 22.1360, 13.7370,
-19.4133

■ 22.1360, 13.7370,
-19.4133

■ 248.7210, 3.0955,
-12.9103

■ 4.4800, 12.0884,
-3.9290

■ 67.2720, 14.1629,
-16.0245

■ 0.0000, 0.0000,
0.0000

■ 91.6850, 14.4523,
-15.5097

■ 115.9130, 15.3259,
-15.7097

■ 142.0270, 15.7627,
-15.8097

■ 168.1410, 16.1995,
-15.9097

■ 195.8420, 16.3469,

-16.5244

■ 223.6140, 15.4733,
-16.3245

■ 22.1360, 13.7370,
-19.4133

■ 24.8050, 12.4211,
-17.3690

■ 27.4740, 11.1053,
-15.3247

■ 30.7300, 9.5001,
-13.7952

■ 33.3990, 8.1843,
-11.7509

■ 36.0680, 6.8685,
-9.7066

■ 38.7370, 5.5527,
-7.6623

■ 41.4060, 4.2368,
-5.6181

■ 44.6620, 2.6316,
-4.0886

■ 47.3310, 1.3158,
-2.0443

Harmonies

Analogous

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



23.4410, 11.1216, -20.5578



22.1360, 13.7370, -19.4133



26.9210, 9.8989, -1.6847

Triad

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



22.1360, 13.7370, -19.4133



26.0410, -5.4432, 19.2580



21.2450, -5.0508, -13.3699

Complementary

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



22.1360, 13.7370, -19.4133



27.8640, -13.7370, 19.4133

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.



24.1990, -11.9301, -0.1745



22.1360, 13.7370, -19.4133



25.4830, -12.5631, 16.2394

Square

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



22.1360, 13.7370, -19.4133



26.6370, 0.6720, 17.8584



25.1400, -12.3940, 8.6472



22.2210, 1.3700, -19.4878

Rectangle

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



22.1360, 13.7370, -19.4133



27.2920, 7.2510, 7.6369



25.1400, -12.3940, 8.6472



22.6540, -8.7034, -8.4666

Sweetspot

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



22.1360, 13.7370, -19.4133



53.0360, 5.4053, -7.0476



31.8580, -4.8600, -27.9395



26.4770, 3.2158, -4.8033



161.0000, 0.0000, 0.0000



33.0000, 0.0000, 0.0000

Same Dimension

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



22.1360, 13.7370, -19.4133



28.4280, 17.5370, -24.9314



7.4610, 20.9717, -6.5433



23.9290, 1.0210, -0.8147



39.4960, 24.4055, -34.6380



95.7650, 59.7689, -83.9859

Inverse Universe

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



18.1420, 4.8600, 27.9395



23.2400, 6.2907, 35.7465



42.5390, -20.9717, 6.5433



24.0110, -0.0054, 1.7444



32.3110, 8.7207, 49.7163



78.6770, 20.8652, 121.3093

Previews

White Background



This preview shows how the YUV color 22.1360, 13.7370, -19.4133 looks on a white background.

Color Contrast Check

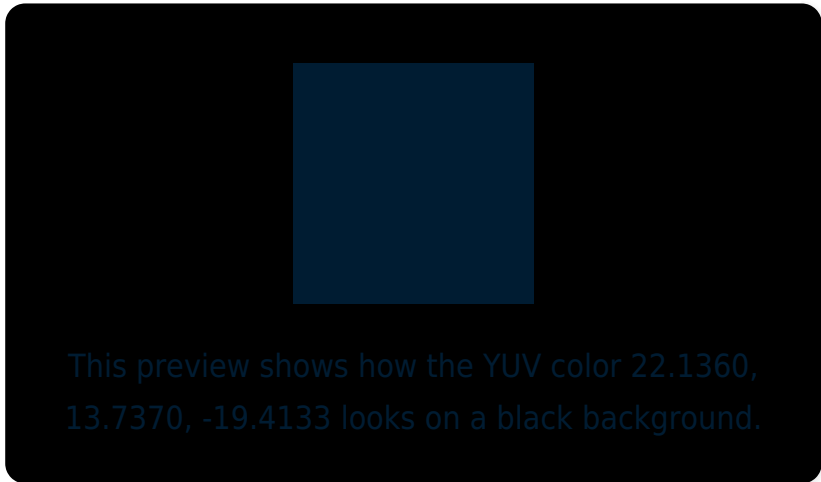
Large Text (above 18pt) WCAG AA ✓ Pass

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

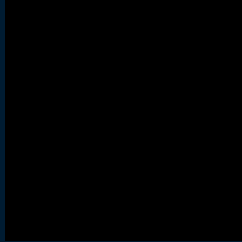
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 22.1360, 13.7370, -19.4133

Background



This preview shows how black text looks on a background with the YUV color 22.1360, 13.7370, -19.4133.



This preview shows how white text looks on a background with the YUV color 22.1360, 13.7370,

-19.4133.

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

26.5180, 11.0836, -8.3473

Deuteranopia

22.1360, 13.7370, -19.4133

Tritanopia

21.9590, 5.4432, -19.2580

Trichromacy



Protanomaly

24.7240, 11.9681, -12.0359

Deuteranomaly

22.1360, 13.7370, -19.4133

Tritanomaly

22.0560, 8.3534, -19.3431

Monochromacy



Achromatopsia

22.0000, 0.0000, 0.0000

Achromatomaly

21.9220, 4.9685, -6.9476

CSS Examples

Text

The CSS property to change the color of the text to YUV 22.1360, 13.7370, -19.4133 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, 28, 50)` looks like.

```
.text, #text, p{  
    color:rgb(0, 28, 50)  
}
```

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, 28, 50) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 28, 50) }
```

Border

The CSS property to change the border of an element to YUV 22.1360, 13.7370, -19.4133 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, 28, 50) }
```

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

```
.border{ border-color:rgb(0, 28, 50) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 28, 50)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 28, 50); -webkit-box-shadow:4px  
4px 4px 4px rgb(0, 28, 50); box-shadow:4px  
4px 4px 4px rgb(0, 28, 50) }
```


Background

The CSS property to change the background color of an element to YUV 22.1360, 13.7370, -19.4133 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 28, 50) }
```

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

```
.background{ background-color: rgb(0, 28,  
50) }
```

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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