

Converting Colors

YUV(22.5460, 5.1538, -19.7728)

Have a look what the booklet for
YUV(22.5460, 5.1538, -19.7728)
contains.

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Color

**YUV(22.5460, 5.1538,
-19.7728)**

Conversions

Conversions Part 1

Format	Color
Hex	002021
RGB	0, 32, 33
RGB Percent	0%, 13%, 13%
CMY	1.0000, 0.8745, 0.8706
CMYK	1.00, 0.03, 0.00, 0.87
HSL	182°, 100%, 6%
HSV	182°, 100%, 13%
XYZ	0.7910, 1.1428, 1.6177
YIQ	22.5460, -19.3930, -6.4730

Conversions

Conversions Part 2

Format	Color
RYB	0, 16, 33
Decimal	8225
CIELab	10.13, -11.25, -4.12
CIELCh	10, 11.985, 200.097
Yxy	1.1428, 0.2227, 0.3218
Android (android.graphics.Color)	4278198305 (0xFF002021)
YUV	22.5460, 5.1538, -19.7728
Hunter-Lab	10.6903, -5.5000, -1.4890

Details

The YUV color **22.5460, 5.1538, -19.7728** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **10.4540, -5.1538, 19.7728**, and the grayscale version is **23.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **66.8450, 5.0064, -19.1581**, and **0.0000, 0.0000, 0.0000** is the 20% darker color. If you saturate the color by 10%, you get **22.5460, 5.1538, -19.7728**, and if you desaturate by 10%, it is **23.4430, 4.7116, -17.9285**.

Distribution



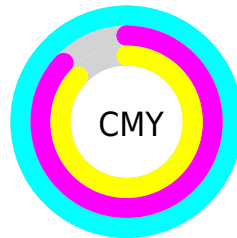
- Red (0%)
- Green (13%)
- Blue (13%)



- Red (0%)
- Yellow (6%)
- Blue (13%)



- Cyan (100%)
- Magenta (3%)
- Yellow (0%)
- Black (87%)



- Cyan (100%)
- Magenta (87%)
- Yellow (87%)

Brightness & Saturation Gradients

These gradients show how the YUV color 22.5460, 5.1538, -19.7728 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 22.5460, 5.1538, -19.7728 by changing the saturation by 10% instead.

■ 22.5460, 5.1538,
-19.7728

■ 22.5460, 5.1538,
-19.7728

■ 246.6280, 4.1274,
-17.2138

■ 1.7270, 4.0786,
-1.5146

■ 66.8450, 5.0064,
-19.1581

■ 0.0000, 0.0000,
0.0000

■ 90.5460, 5.1538,
-19.7728

■ 115.5460, 5.1538,
-19.7728

■ 141.2470, 5.3012,
-20.3876

■ 167.8340, 5.0118,
-20.9024

■ 194.9480, 5.4486,

-21.0024

■ 223.2360, 5.3067,
-22.1320

■ 22.5460, 5.1538,
-19.7728

■ 23.4430, 4.7116,
-17.9285

■ 24.6390, 4.1220,
-15.4694

■ 25.5360, 3.6798,
-13.6251

■ 26.4330, 3.2375,
-11.7807

■ 28.2160, 2.3585,
-9.8364

■ 29.1130, 1.9163,
-7.9921

■ 30.0100, 1.4741,
-6.1478

■ 30.9070, 1.0318,
-4.3034

■ 32.1030, 0.4422,
-1.8443

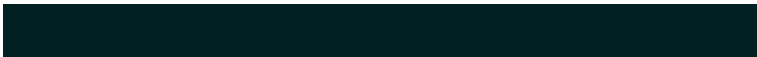
Harmonies

Analogous

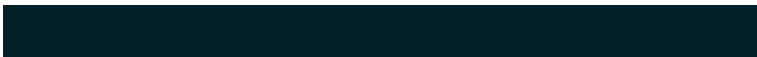
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



23.7270, 0.6276, -14.6696



22.5460, 5.1538, -19.7728



22.7570, 8.5008, -19.9579

Triad

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



22.5460, 5.1538, -19.7728



28.8850, 4.4937, 5.3629



26.9380, -9.3364, 7.9474

Complementary

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



22.5460, 5.1538, -19.7728



10.4540, -5.1538, 19.7728

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.



27.3560, -6.5845, 11.9658



22.5460, 5.1538, -19.7728



29.0060, 0.9830, 11.3957

Square

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



22.5460, 5.1538, -19.7728



28.2260, 7.2836, -2.8292



28.3930, -2.6587, 12.8103



26.4210, -8.5886, 1.3848

Rectangle

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



22.5460, 5.1538, -19.7728



24.3060, 9.2161, -16.0544



28.3930, -2.6587, 12.8103



27.1770, -8.4683, 9.4918

Sweetspot

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



22.5460, 5.1538, -19.7728



39.1130, 1.9163, -7.9921



19.4850, -9.1131, -17.0883



20.6080, 1.1793, -4.9182



150.0000, 0.0000, 0.0000



23.0000, 0.0000, 0.0000

Same Dimension

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



22.5460, 5.1538, -19.7728



29.5560, 6.6279, -25.9206



13.1540, 9.7841, -11.5361



14.7010, 0.1474, -0.6148



54.2050, 12.2239, -47.5378



140.9980, 32.5390, -123.6552

Inverse Universe

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



13.5150, 9.1131, 17.0883



17.6450, 12.0070, 22.2363



19.8460, -9.7841, 11.5361



14.4130, 0.2894, 0.5148



32.3990, 21.9883, 40.8691



84.6930, 56.8464, 107.2632

Previews

White Background



This preview shows how the YUV color 22.5460, 5.1538, -19.7728 looks on a white background.

Color Contrast Check

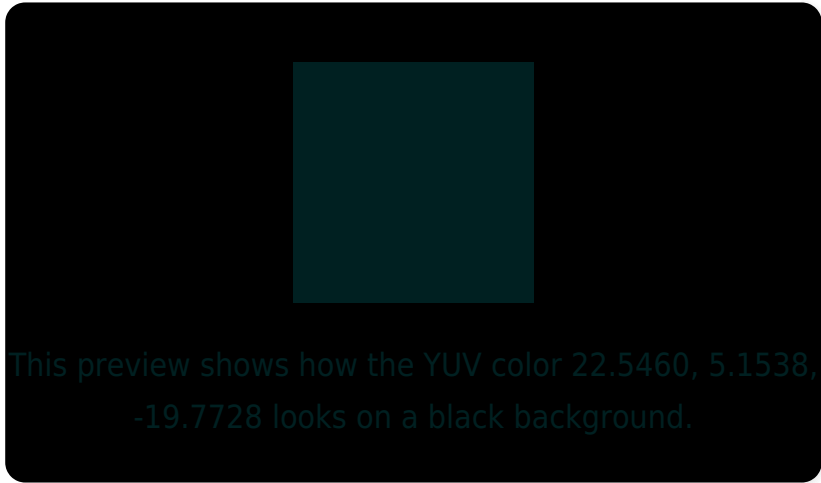
Large Text (above 18pt) WCAG AA ✓ Pass

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

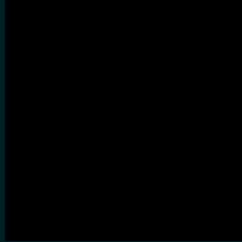
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

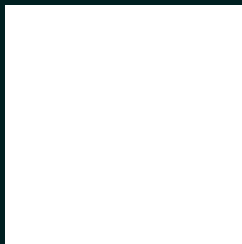
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 22.5460, 5.1538, -19.7728

Background



This preview shows how black text looks on a background with the YUV color 22.5460, 5.1538, -19.7728.



This preview shows how white text looks on a background with the YUV color 22.5460, 5.1538, -19.7728.

-19.7728.

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

22.5460, 5.1538, -19.7728

Protanopia

28.6410, 1.1630, 0.3148

Deuteranopia

28.9830, 2.4734, 0.0149



Tritanopia

24.1550, 4.8536, -16.7989

Trichromacy



Original Color

22.5460, 5.1538, -19.7728

Protanomaly

26.0530, 2.9319, -7.0625

Deuteranomaly

26.2810, 3.8055, -7.2624

Tritanomaly

23.5570, 5.1484, -18.0285

Monochromacy



Original Color

22.5460, 5.1538, -19.7728

Achromatopsia

23.0000, 0.0000, 0.0000

Achromatomaly

22.8250, 2.0583, -6.8625

CSS Examples

Text

The CSS property to change the color of the text to YUV 22.5460, 5.1538, -19.7728 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, 32, 33)` looks like.

```
.text, #text, p{  
    color:rgb(0, 32, 33)  
}
```

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, 32, 33) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 32, 33) }
```

Border

The CSS property to change the border of an element to YUV 22.5460, 5.1538, -19.7728 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, 32, 33) }
```


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

```
.border{ border-color:rgb(0, 32, 33) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 32, 33)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 32, 33); -webkit-box-shadow:4px  
4px 4px 4px rgb(0, 32, 33); box-shadow:4px  
4px 4px 4px rgb(0, 32, 33) }
```

Background

The CSS property to change the background color of an element to YUV 22.5460, 5.1538, -19.7728 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 32, 33) }
```

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

```
.background{ background-color: rgb(0, 32,  
33) }
```

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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