

Converting Colors

YUV(43.2050, 2.3639, -11.5808)

Have a look what the booklet for
YUV(43.2050, 2.3639, -11.5808)
contains.

YUV(43.2050, 2.3639, -11.5808)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YUV(43.2050, 2.3639,
-11.5808)**

Conversions

Conversions Part 1

Format	Color
Hex	1E3130
RGB	30, 49, 48
RGB Percent	12%, 19%, 19%
CMY	0.8824, 0.8078, 0.8118
CMYK	0.39, 0.00, 0.02, 0.81
HSL	177°, 24%, 15%
HSV	177°, 39%, 19%
XYZ	2.1672, 2.6860, 3.2005
YIQ	43.2050, -11.0030, -4.3390

Conversions

Conversions Part 2

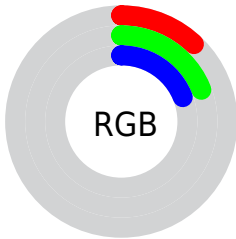
Format	Color
R_{YB}	30, 40, 49
Decimal	1978672
CIE Lab	18.74, -7.96, -1.83
CIE LCh	19, 8.165, 192.931
Yxy	2.6860, 0.2691, 0.3335
Android (android.graphics.Color)	4280168752 (0xFF1E3130)
YUV	43.2050, 2.3639, -11.5808
Hunter-Lab	16.3892, -5.0769, -0.1060

Details

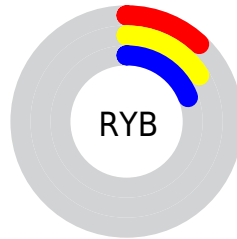
The YUV color **43.2050, 2.3639, -11.5808** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **35.7950, -2.3639, 11.5808**, and the grayscale version is **43.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **88.9060, 2.5113, -12.1956**, and **0.0000, 0.0000, 0.0000** is the 20% darker color. If you saturate the color by 10%, you get **41.7100, 3.1010, -14.6547**, and if you desaturate by 10%, it is **44.7000, 1.6269, -8.5069**.

Distribution



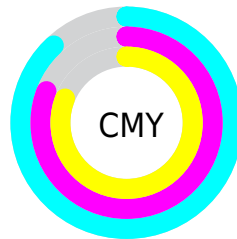
- Red (12%)
- Green (19%)
- Blue (19%)



- Red (12%)
- Yellow (16%)
- Blue (19%)



- Cyan (39%)
- Magenta (0%)
- Yellow (2%)
- Black (81%)



- Cyan (88%)
- Magenta (81%)
- Yellow (81%)

Brightness & Saturation Gradients

These gradients show how the YUV color 43.2050, 2.3639, -11.5808 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 43.2050, 2.3639, -11.5808 by changing the saturation by 10% instead.

■ 43.2050, 2.3639,
-11.5808

■ 43.2050, 2.3639,
-11.5808

■ 255.0000, 0.0000,
0.0000

■ 22.2050, 2.3639,
-11.5808

■ 88.9060, 2.5113,
-12.1956

■ 0.0000, 0.0000,
0.0000

■ 113.6070, 2.6587,
-12.8103

■ 139.1940, 2.3694,
-13.3251

■ 165.3080, 2.8062,
-13.4251

■ 192.8950, 2.5168,
-13.9399

■ 220.5960, 2.6642,

-14.5547

■ 248.4220, 3.2430,
-13.5251

■ 43.2050, 2.3639,
-11.5808

■ 43.2050, 2.3639,
-11.5808

■ 41.7100, 3.1010,
-14.6547

■ 44.7000, 1.6269,
-8.5069

■ 40.1010, 3.4012,
-17.6286

■ 46.3090, 1.3267,
-5.5330

■ 38.6060, 4.1382,
-20.7025

■ 47.8040, 0.5896,
-2.4591

■ 37.1110, 4.8753,
-23.7763

■ 49.2990, -0.1474,
0.6148

■ 35.9150, 5.4649,
-26.2355

■ 50.7940, -0.8844,
3.6887

■ 34.3060, 5.7651,
-29.2094

■ 52.1040, -1.0373,
6.0478

■ 34.0070, 5.9125,
-29.8241

■ 53.5990, -1.7743,
9.1217

■ 55.0940, -2.5113,
12.1956

■ 56.5890, -3.2484,
15.2694

Harmonies

Analogous

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



43.7170, -0.8465, -8.5218



43.2050, 2.3639, -11.5808



43.1880, 4.8373, -11.5659

Triad

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



43.2050, 2.3639, -11.5808



46.3470, 3.7729, 3.2037



45.5510, -5.6946, 6.5328

Complementary

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



43.2050, 2.3639, -11.5808



35.7950, -2.3639, 11.5808

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.



46.0290, -3.9583, 9.6216



43.2050, 2.3639, -11.5808



46.6850, 1.1413, 7.2923

Square

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



43.2050, 2.3639, -11.5808



45.4710, 5.6838, -3.0441



46.3110, -1.6323, 10.2513



44.9310, -5.3890, 1.8145

Rectangle

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



43.2050, 2.3639, -11.5808



44.4270, 5.7055, -10.0215



46.3110, -1.6323, 10.2513



45.6760, -5.2633, 8.1771

Sweetspot

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



43.2050, 2.3639, -11.5808



61.4940, 0.7425, -4.8182



41.4520, -5.6458, -9.1664



31.8040, 0.5896, -2.4591



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.



43.2050, 2.3639, -11.5808



54.8020, 3.5486, -18.2434



38.6230, 5.1159, -7.5624



24.9890, 0.0054, -1.7444



61.9330, 11.3720, -54.3152



150.7490, 26.7457, -132.2069

Inverse Universe

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



35.7950, -2.3639, 11.5808



43.0840, -3.9854, 18.3433



40.3770, -5.1159, 7.5624



23.8970, -0.4422, 1.8443



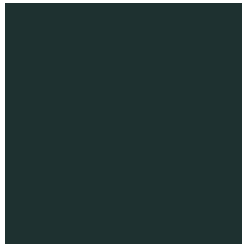
27.1810, -10.9352, 54.2153



66.1370, -27.1825, 132.3069

Previews

White Background



This preview shows how the YUV color 43.2050, 2.3639, -11.5808 looks on a white background.

Color Contrast Check

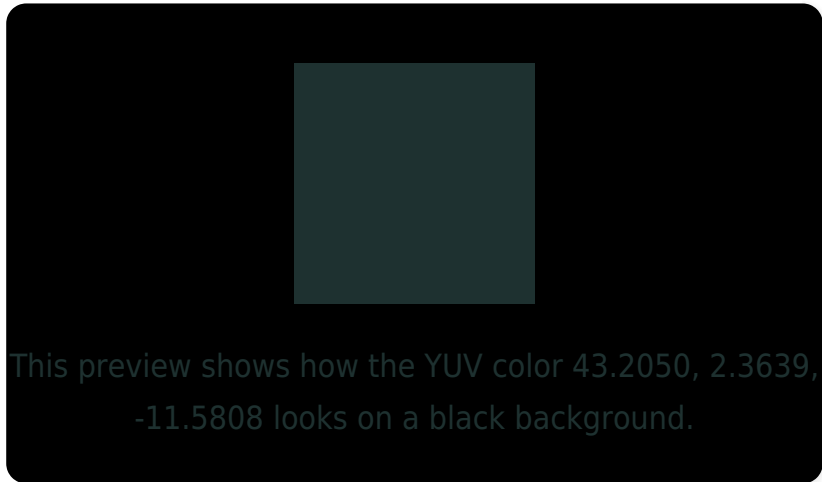
Large Text (above 18pt) WCAG AA ✓ Pass

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

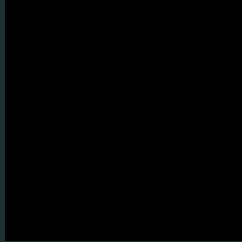
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 43.2050, 2.3639, -11.5808

Background



This preview shows how black text looks on a background with the YUV color 43.2050, 2.3639, -11.5808.



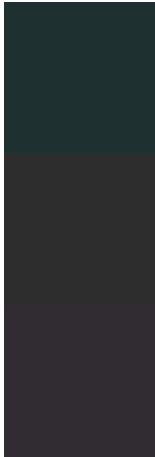
This preview shows how white text looks on a background with the YUV color 43.2050, 2.3639, -11.5808.

-11.5808.

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

43.2050, 2.3639, -11.5808

Protanopia

45.4130, 0.2894, 0.5148

Deuteranopia

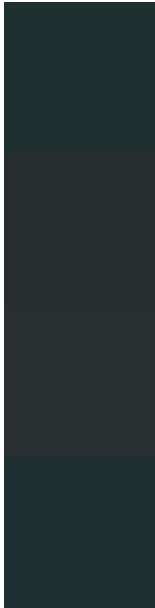
45.7660, 1.5944, 1.9592



Tritanopia

43.3730, 4.2531, -10.8511

Trichromacy



Original Color

43.2050, 2.3639, -11.5808

Protanomaly

44.3200, 1.3212, -3.7886

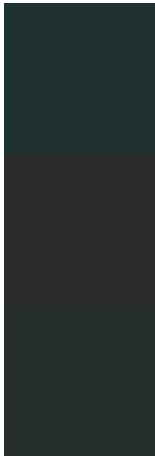
Deuteranomaly

44.8470, 2.0474, -3.3738

Tritanomaly

43.2590, 3.8163, -10.7511

Monochromacy



Original Color

43.2050, 2.3639, -11.5808

Achromatopsia

43.0000, 0.0000, 0.0000

Achromatomaly

42.9070, 1.0318, -4.3034

CSS Examples

Text

The CSS property to change the color of the text to YUV 43.2050, 2.3639, -11.5808 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(30, 49, 48)` looks like.

```
.text, #text, p{  
    color:rgb(30, 49, 48)  
}
```

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(30, 49, 48) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(30, 49, 48) }
```

Border

The CSS property to change the border of an element to YUV 43.2050, 2.3639, -11.5808 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(30, 49, 48) }
```


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

```
.border{ border-color:rgb(30, 49, 48) }
```

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

Here you see how a box with a 4 pixel rgb(30, 49, 48) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(30, 49, 48); -webkit-box-  
shadow:4px 4px 4px 4px rgb(30, 49, 48);  
box-shadow:4px 4px 4px 4px rgb(30, 49, 48)  
}
```

Background

The CSS property to change the background color of an element to YUV 43.2050, 2.3639, -11.5808 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(30, 49, 48) }
```

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

```
.background{ background-color: rgb(30, 49,  
48) }
```

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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