

Converting Colors

YUV(38.9620, -2.4463, -8.7367)

Have a look what the booklet for
YUV(38.9620, -2.4463, -8.7367)
contains.

YUV(38.9620, -2.4463, -8.7367)	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(38.9620, -2.4463,
-8.7367)**

Conversions

Conversions Part 1

Format	Color
Hex	1D2D22
RGB	29, 45, 34
RGB Percent	11%, 18%, 13%
CMY	0.8863, 0.8235, 0.8667
CMYK	0.36, 0.00, 0.24, 0.82
HSL	139°, 22%, 15%
HSV	139°, 36%, 18%
XYZ	1.7338, 2.2535, 1.8570
YIQ	38.9620, -6.0050, -6.8130

Conversions

Conversions Part 2

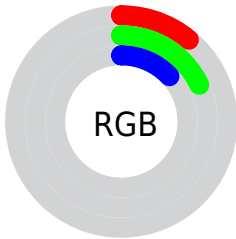
Format	Color
RYB	29, 41, 45
Decimal	1912098
CIELab	16.76, -9.61, 5.01
CIElCh	17, 10.835, 152.456
Yxy	2.2535, 0.2967, 0.3856
Android (android.graphics.Color)	4280102178 (0xFF1D2D22)
YUV	38.9620, -2.4463, -8.7367
Hunter-Lab	15.0116, -5.6538, 3.1738

Details

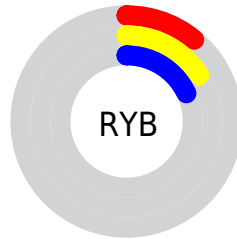
The YUV color **38.9620, -2.4463, -8.7367** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **35.0380, 2.4463, 8.7367**, and the grayscale version is **39.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **84.1360, -3.0250, -9.7663**, and **0.0000, 0.0000, 0.0000** is the 20% darker color. If you saturate the color by 10%, you get **37.1250, -3.0196, -11.5106**, and if you desaturate by 10%, it is **40.7990, -1.8729, -5.9627**.

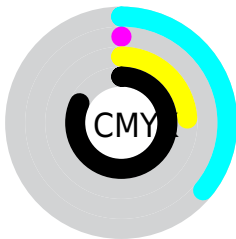
Distribution



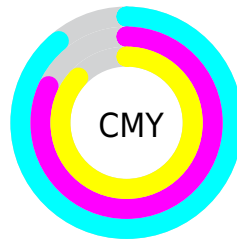
- Red (11%)
- Green (18%)
- Blue (13%)



- Red (11%)
- Yellow (16%)
- Blue (18%)



- Cyan (36%)
- Magenta (0%)
- Yellow (24%)
- Black (82%)



- Cyan (89%)
- Magenta (82%)
- Yellow (87%)

Brightness & Saturation Gradients

These gradients show how the YUV color 38.9620, -2.4463, -8.7367 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 38.9620, -2.4463, -8.7367 by changing the saturation by 10% instead.

■ 38.9620, -2.4463,
-8.7367

■ 38.9620, -2.4463,
-8.7367

255.0000, 0.0000,
0.0000

■ 17.5380, -2.7302,
-10.9958

■ 84.1360, -3.0250,
-9.7663

■ 0.0000, 0.0000,
0.0000

■ 108.1360, -3.0250,
-9.7663

■ 133.7230, -3.3144,
-10.2811

■ 159.7230, -3.3144,
-10.2811

■ 186.4240, -3.1670,
-10.8958

■ 214.3100, -3.6038,

-10.7959

■ 243.0110, -3.4564,
-11.4106

■ 38.9620, -2.4463,
-8.7367

■ 38.9620, -2.4463,
-8.7367

■ 37.1250, -3.0196,
-11.5106

■ 40.7990, -1.8729,
-5.9627

■ 35.5870, -3.7404,
-13.6698

■ 42.3370, -1.1521,
-3.8035

■ 33.7500, -4.3137,
-16.4438

■ 44.1740, -0.5788,
-1.0296

■ 32.2120, -5.0345,
-18.6029

■ 45.7120, 0.1420,
1.1296

■ 30.3750, -5.6079,
-21.3769

■ 47.5490, 0.7153,
3.9035

■ 28.7230, -6.7654,
-23.4361

■ 49.2010, 1.8729,
5.9627

■ 28.0110, -6.9074,
-24.5656

■ 51.0380, 2.4463,
8.7367

■ 52.5760, 3.1670,
10.8958

■ 54.4130, 3.7404,
13.6698

Harmonies

Analogous

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



39.7950, -5.8149, -1.5742



38.9620, -2.4463, -8.7367



38.0690, 1.9380, -14.9695

Triad

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



38.9620, -2.4463, -8.7367



40.7200, 8.0260, -7.6474



41.9370, -4.4059, 13.2103

Complementary

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



38.9620, -2.4463, -8.7367



35.0380, 2.4463, 8.7367

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.



42.5500, -0.7641, 11.7957



38.9620, -2.4463, -8.7367



41.9060, 5.9623, 0.9594

Square

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



38.9620, -2.4463, -8.7367



38.6760, 8.0477, -14.6249



42.8530, 3.0305, 8.0219



41.3450, -6.5791, 10.2214

Rectangle

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



38.9620, -2.4463, -8.7367



37.7420, 4.5642, -17.3137



42.8530, 3.0305, 8.0219



42.2790, -3.0955, 12.9103

Sweetspot

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



38.9620, -2.4463, -8.7367



56.3370, -1.1521, -3.8035



41.6810, -6.2517, -1.4742



29.4620, -0.7208, -2.1592



158.0000, 0.0000, 0.0000



31.0000, 0.0000, 0.0000

Same Dimension

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



38.9620, -2.4463, -8.7367



49.1740, -4.0298, -14.1846



39.8740, 1.0481, -9.5365



22.1740, -0.5788, -1.0296



54.1470, -13.3835, -47.4869



133.2560, -32.6642, -116.8655

Inverse Universe

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



35.0380, 2.4463, 8.7367



42.8260, 4.0298, 14.1846



34.1260, -1.0481, 9.5365



21.7120, 0.1420, 1.1296



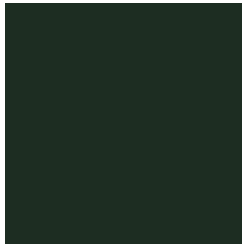
32.8530, 13.3835, 47.4869



80.7440, 32.6642, 116.8655

Previews

White Background



This preview shows how the YUV color 38.9620, -2.4463, -8.7367 looks on a white background.

Color Contrast Check

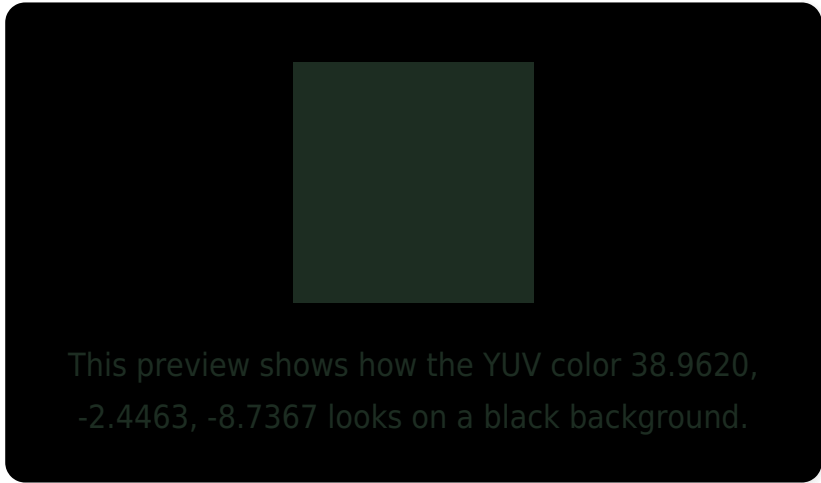
Large Text (above 18pt) WCAG AA ✓ Pass

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

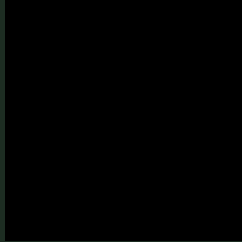
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 38.9620, -2.4463, -8.7367

Background



This preview shows how black text looks on a background with the YUV color 38.9620, -2.4463, -8.7367.



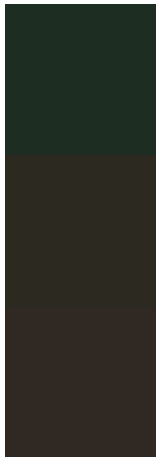
This preview shows how white text looks on a background with the YUV color 38.9620, -2.4463, -8.7367.

-8.7367.

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

38.9620, -2.4463, -8.7367

Protanopia

40.8710, -4.3734, 2.7441

Deuteranopia

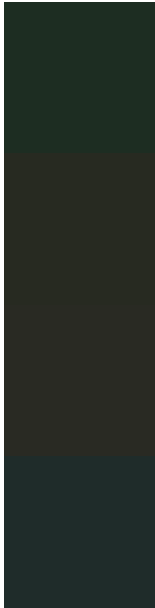
41.8220, -3.3632, 5.4181



Tritanopia

40.1670, 3.3687, -7.1625

Trichromacy



Original Color

38.9620, -2.4463, -8.7367

Protanomaly

40.0770, -3.4890, -0.9445

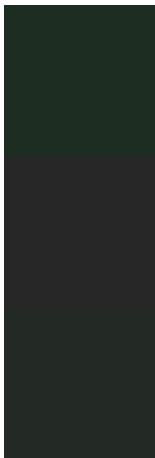
Deuteranomaly

40.9030, -2.9102, 0.0851

Tritanomaly

39.8850, 1.0427, -7.7921

Monochromacy



Original Color

38.9620, -2.4463, -8.7367

Achromatopsia

39.0000, 0.0000, 0.0000

Achromatomaly

38.7500, -0.8628, -3.2887

CSS Examples

Text

The CSS property to change the color of the text to YUV 38.9620, -2.4463, -8.7367 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(29, 45, 34)` looks like.

```
.text, #text, p{  
    color:rgb(29, 45, 34)  
}
```

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(29, 45, 34) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(29, 45, 34) }
```

Border

The CSS property to change the border of an element to YUV 38.9620, -2.4463, -8.7367 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(29, 45, 34) }
```


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

```
.border{ border-color:rgb(29, 45, 34) }
```

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

Here you see how a box with a 4 pixel `rgb(29, 45, 34)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(29, 45, 34); -webkit-box-  
shadow:4px 4px 4px 4px rgb(29, 45, 34);  
box-shadow:4px 4px 4px 4px rgb(29, 45, 34)  
}
```

Background

The CSS property to change the background color of an element to YUV 38.9620, -2.4463, -8.7367 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(29, 45, 34) }
```

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

```
.background{ background-color: rgb(29, 45,  
34) }
```

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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