

Converting Colors

YUV(20.8440, -3.3741, 8.9068)

Have a look what the booklet for
YUV(20.8440, -3.3741, 8.9068)
contains.

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Color

**YUV(20.8440, -3.3741,
8.9068)**

Conversions

Conversions Part 1

Format	Color
Hex	1F110E
RGB	31, 17, 14
RGB Percent	12%, 7%, 5%
CMY	0.8784, 0.9333, 0.9451
CMYK	0.00, 0.45, 0.55, 0.88
HSL	11°, 38%, 9%
HSV	11°, 55%, 12%
XYZ	0.8448, 0.7239, 0.5107
YIQ	20.8440, 9.3070, 2.0350

Conversions

Conversions Part 2

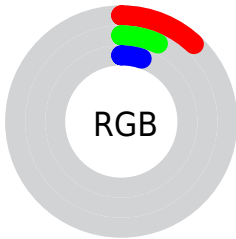
Format	Color
RYB	31, 18, 14
Decimal	2035982
CIELab	6.54, 6.42, 3.97
CIELCh	7, 7.549, 31.729
Yxy	0.7239, 0.4063, 0.3481
Android (android.graphics.Color)	4280226062 (0xFF1F110E)
YUV	20.8440, -3.3741, 8.9068
Hunter-Lab	8.5083, 2.8338, 2.3972

Details

The YUV color **20.8440, -3.3741, 8.9068** is a dark color, and the websafe version is hex **000000**. A complement of this color would be **24.1560, 3.3741, -8.9068**, and the grayscale version is **21.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **63.5560, -3.2321, 10.0364**, and **0.0000, 0.0000, 0.0000** is the 20% darker color. If you saturate the color by 10%, you get **18.7410, -3.8163, 10.7511**, and if you desaturate by 10%, it is **22.9470, -2.9319, 7.0625**.

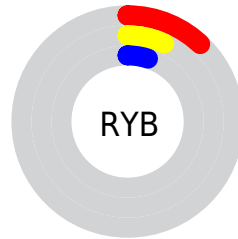
Distribution



Red (12%)

Green (7%)

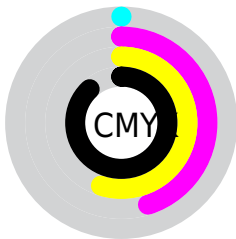
Blue (5%)



Red (12%)

Yellow (7%)

Blue (5%)

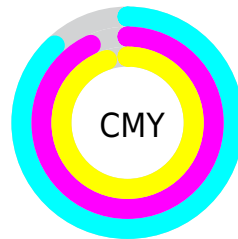


Cyan (0%)

Magenta (45%)

Yellow (55%)

Black (88%)



Cyan (88%)

Magenta (93%)

Yellow (95%)

Brightness & Saturation Gradients

These gradients show how the YUV color 20.8440, -3.3741, 8.9068 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 20.8440, -3.3741, 8.9068 by changing the saturation by 10% instead.

■ 20.8440, -3.3741,
8.9068

■ 20.8440, -3.3741,
8.9068

■ 244.8440, -3.3741,
8.9068

■ 0.0000, 0.0000,
0.0000

■ 63.5560, -3.2321,
10.0364

■ 86.8550, -3.3795,
10.6512

■ 111.1540, -3.5269,
11.2659

■ 137.0400, -3.9637,
11.3659

■ 163.3390, -4.1111,
11.9807

■ 190.3390, -4.1111,

11.9807

■ 217.6380, -4.2585,
12.5955

■ 20.8440, -3.3741,
8.9068

■ 20.8440, -3.3741,
8.9068

■ 18.7410, -3.8163,
10.7511

■ 22.9470, -2.9319,
7.0625

■ 17.2250, -4.5479,
12.0807

■ 24.4630, -2.2003,
5.7329

■ 15.1220, -4.9901,
13.9250

■ 26.5660, -1.7580,
3.8886

■ 13.6060, -5.7218,
15.2545

■ 28.0820, -1.0264,
2.5591

■ 12.2040, -6.0166,
16.4841

■ 30.2990, -0.1474,
0.6148

■ 31.8150, 0.5842,
-0.7148

■ 33.9180, 1.0264,
-2.5591

■ 35.4340, 1.7580,
-3.8886

■ 37.5370, 2.2003,
-5.7329

Harmonies

Analogous

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



21.2290, -0.6059, 7.6922



20.8440, -3.3741, 8.9068



20.1490, -5.9895, 7.7623

Triad

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



20.8440, -3.3741, 8.9068



18.3860, -2.1623, -6.4775



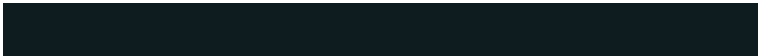
19.9330, 4.9630, -5.2032

Complementary

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



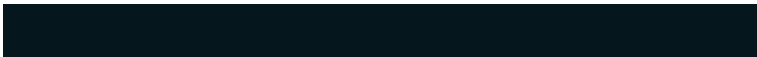
20.8440, -3.3741, 8.9068



24.1560, 3.3741, -8.9068

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.



18.0140, 5.4161, -10.5363



20.8440, -3.3741, 8.9068



17.6780, 1.6377, -11.9956

Square

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



20.8440, -3.3741, 8.9068



19.5070, -5.6730, -0.4446



17.6500, 4.1166, -13.7250



21.0370, 3.9258, 0.8446

Rectangle

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



20.8440, -3.3741, 8.9068



20.4970, -7.1470, 5.7031



17.6500, 4.1166, -13.7250



19.3350, 5.2578, -6.4328

Sweetspot

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



20.8440, -3.3741, 8.9068



36.6800, -1.3212, 3.7886



20.6790, 3.6093, 9.0515



17.8970, -0.4422, 1.8443



148.0000, 0.0000, 0.0000



20.0000, 0.0000, 0.0000

Same Dimension

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



20.8440, -3.3741, 8.9068



25.0080, -5.4269, 14.0250



25.5400, -5.6892, 4.7884



14.2990, -0.1474, 0.6148



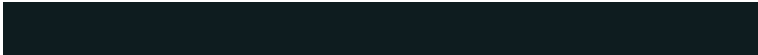
31.8390, -15.6966, 41.3602



83.0250, -40.9313, 108.7261

Inverse Universe

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



24.1560, 3.3741, -8.9068



29.9920, 5.4269, -14.0250



19.4600, 5.6892, -4.7884



14.7010, 0.1474, -0.6148



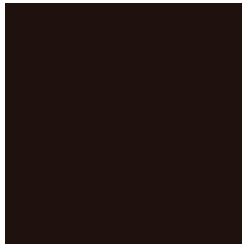
47.1610, 15.6966, -41.3602



123.3880, 41.2207, -108.2113

Previews

White Background



This preview shows how the YUV color 20.8440, -3.3741, 8.9068 looks on a white background.

Color Contrast Check

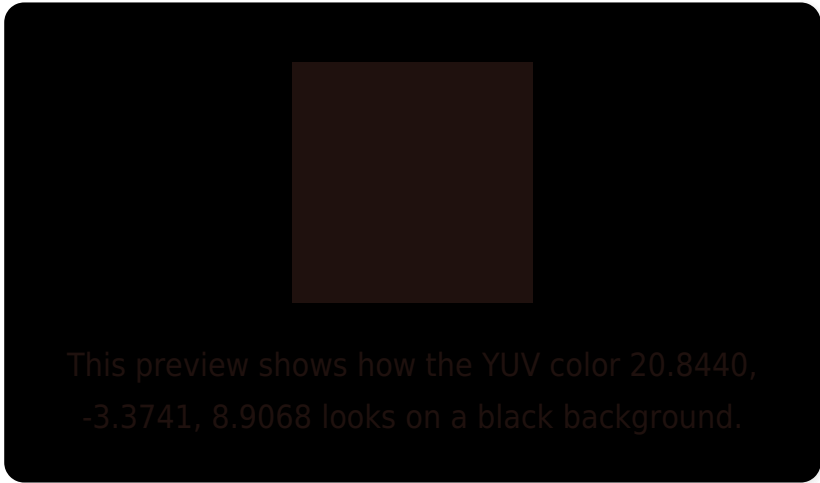
Large Text (above 18pt) WCAG AA ✓ Pass

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 20.8440, -3.3741, 8.9068

Background



This preview shows how black text looks on a background with the YUV color 20.8440, -3.3741, 8.9068.



This preview shows how white text looks on a background with the YUV color 20.8440, -3.3741,

8.9068.

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

20.8440, -3.3741, 8.9068

Protanopia

20.7290, -2.3314, 1.1147

Deuteranopia

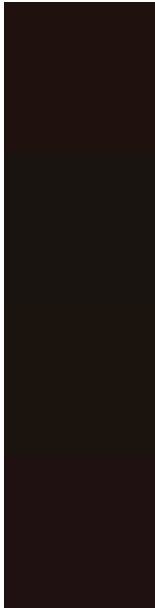
20.6970, -3.7946, 3.7737



Tritanopia

20.7130, -1.3375, 9.0217

Trichromacy



Original Color

20.8440, -3.3741, 8.9068

Protanomaly

20.9250, -2.9210, 3.5738

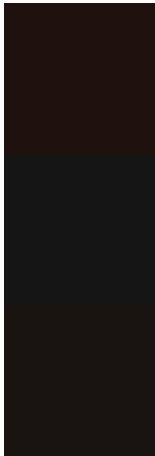
Deuteranomaly

20.7080, -3.8000, 5.5181

Tritanomaly

20.5990, -1.7743, 9.1217

Monochromacy



Original Color

20.8440, -3.3741, 8.9068

Achromatopsia

21.0000, 0.0000, 0.0000

Achromatomaly

21.2670, -1.6106, 3.2738

CSS Examples

Text

The CSS property to change the color of the text to YUV 20.8440, -3.3741, 8.9068 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(31, 17, 14)` looks like.

```
.text, #text, p{  
    color:rgb(31, 17, 14)  
}
```

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(31, 17, 14) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(31, 17, 14) }
```

Border

The CSS property to change the border of an element to YUV 20.8440, -3.3741, 8.9068 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(31, 17, 14) }
```


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

```
.border{ border-color:rgb(31, 17, 14) }
```

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

Here you see how a box with a 4 pixel `rgb(31, 17, 14)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(31, 17, 14); -webkit-box-  
shadow:4px 4px 4px 4px rgb(31, 17, 14);  
box-shadow:4px 4px 4px 4px rgb(31, 17, 14)  
}
```

Background

The CSS property to change the background color of an element to YUV 20.8440, -3.3741, 8.9068 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(31, 17, 14) }
```

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

```
.background{ background-color: rgb(31, 17,  
14) }
```

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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