

Converting Colors

YUV(34.4160, -7.6001, 11.0362)

Have a look what the booklet for
YUV(34.4160, -7.6001, 11.0362)
contains.

YUV(34.4160, -7.6001, 11.0362)	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(34.4160, -7.6001,
11.0362)**

Conversions

Conversions Part 1

Format	Color
Hex	2F1F13
RGB	47, 31, 19
RGB Percent	18%, 12%, 7%
CMY	0.8157, 0.8784, 0.9255
CMYK	0.00, 0.34, 0.60, 0.82
HSL	26°, 42%, 13%
HSV	26°, 60%, 18%
XYZ	1.7798, 1.6313, 0.8372
YIQ	34.4160, 13.3880, -0.3400

Conversions

Conversions Part 2

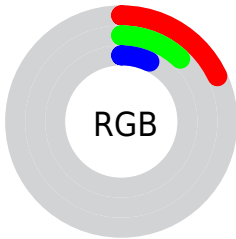
Format	Color
RYB	47, 40, 19
Decimal	3088147
CIELab	13.42, 5.97, 11.16
CIElCh	13, 12.657, 61.879
Yxy	1.6313, 0.4189, 0.3840
Android (android.graphics.Color)	4281278227 (0xFF2F1F13)
YUV	34.4160, -7.6001, 11.0362
Hunter-Lab	12.7723, 2.5223, 5.0545

Details

The YUV color **34.4160, -7.6001, 11.0362** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **31.5840, 7.6001, -11.0362**, and the grayscale version is **34.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **79.0850, -8.9159, 13.0805**, and **0.0000, 0.0000, 0.0000** is the 20% darker color. If you saturate the color by 10%, you get **32.0850, -8.9159, 13.0805**, and if you desaturate by 10%, it is **36.7470, -6.2843, 8.9919**.

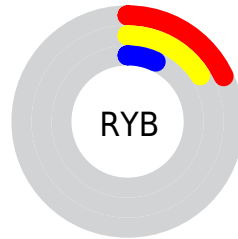
Distribution



Red (18%)

Green (12%)

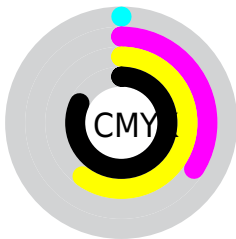
Blue (7%)



Red (18%)

Yellow (16%)

Blue (7%)

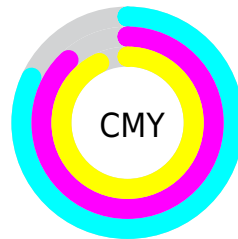


Cyan (0%)

Magenta (34%)

Yellow (60%)

Black (82%)



Cyan (82%)

Magenta (88%)

Yellow (93%)

Brightness & Saturation Gradients

These gradients show how the YUV color 34.4160, -7.6001, 11.0362 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 34.4160, -7.6001, 11.0362 by changing the saturation by 10% instead.

■ 34.4160, -7.6001,
11.0362

■ 34.4160, -7.6001,
11.0362

■ 253.6320, -5.2416,
1.1997

■ 11.8830, -5.8583,
12.3806

■ 79.0850, -8.9159,
13.0805

■ 0.0000, 0.0000,
0.0000

■ 103.2700, -9.5001,
13.7952


■ 128.5690, -9.6475,
14.4100


■ 154.1670, -9.9423,
15.6395


■ 181.3520,
-10.5265, 16.3543


■ 208.6510,


-10.6739, 16.9691


 236.9390,
-10.8159, 15.8395


 34.4160, -7.6001,
11.0362


 34.4160, -7.6001,
11.0362


 32.0850, -8.9159,
13.0805


 36.7470, -6.2843,
8.9919


 30.4550, -10.0843,
14.5100


 38.3770, -5.1159,
7.5624

 28.1240, -11.4001,
16.5543

 40.7080, -3.8000,
5.5181

 25.7930, -12.7159,
18.5985

 43.0390, -2.4842,
3.4738

 44.7830, -0.8790,
1.9443

■ 47.0000, 0.0000,
0.0000

■ 49.3310, 1.3158,
-2.0443

■ 51.0750, 2.9210,
-3.5738

■ 53.2920, 3.8000,
-5.5181

Harmonies

Analogous

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



34.6490, -4.2640, 14.3398



34.4160, -7.6001, 11.0362



33.7420, -8.7468, 5.4883

Triad

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



34.4160, -7.6001, 11.0362



29.2750, 2.8224, -18.6582



35.1340, 6.8359, 0.7595

Complementary

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



34.4160, -7.6001, 11.0362



31.5840, 7.6001, -11.0362

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.



33.3500, 9.1945, -9.0769



34.4160, -7.6001, 11.0362



28.3930, 7.2013, -23.1467

Square

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



34.4160, -7.6001, 11.0362



31.2500, -2.5882, -9.8662



29.8110, 9.9532, -19.1282



35.6790, 3.6093, 9.0515

Rectangle

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



34.4160, -7.6001, 11.0362



33.3500, -7.5676, 0.5700



29.8110, 9.9532, -19.1282



34.7530, 8.0098, -2.4144

Sweetspot

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



34.4160, -7.6001, 11.0362



56.2240, -3.0684, 4.1886



29.1960, 2.8614, 15.6141



27.8540, -1.9000, 2.7590



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.



34.4160, -7.6001, 11.0362



41.4230, -11.5475, 17.1690



42.6340, -11.6516, 3.8290



22.1850, -0.5842, 0.7148



47.7320, -23.5319, 34.4380



117.9900, -58.1691, 84.2008

Inverse Universe

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



31.5840, 7.6001, -11.0362



37.5770, 11.5475, -17.1690



23.3660, 11.6516, -3.8290



21.8150, 0.5842, -0.7148



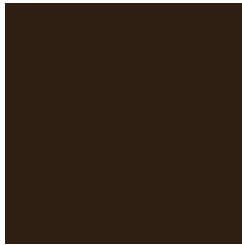
39.2680, 23.5319, -34.4380



96.0100, 58.1691, -84.2008

Previews

White Background



This preview shows how the YUV color 34.4160, -7.6001, 11.0362 looks on a white background.

Color Contrast Check

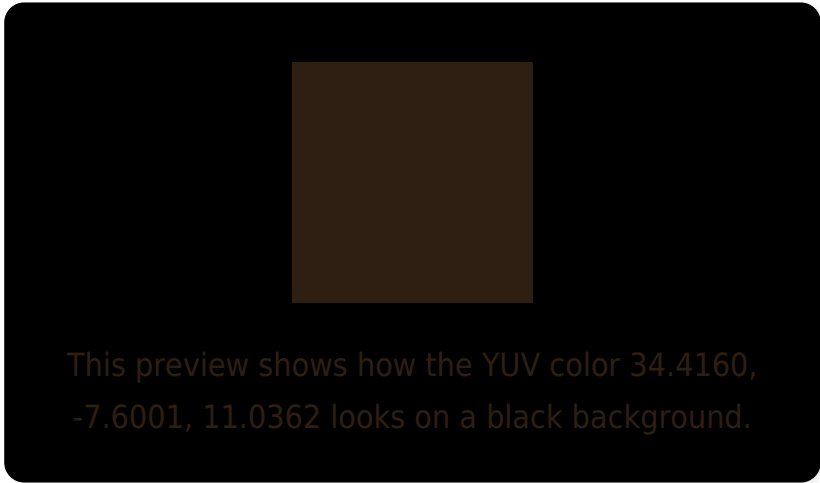
Large Text (above 18pt) WCAG AA ✓ Pass

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

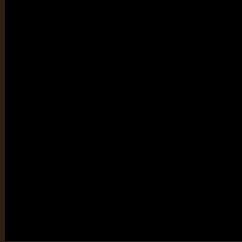
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 34.4160, -7.6001, 11.0362

Background



This preview shows how black text looks on a background with the YUV color 34.4160, -7.6001, 11.0362.



This preview shows how white text looks on a background with the YUV color 34.4160, -7.6001,

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

34.4160, -7.6001, 11.0362

Protanopia

34.1870, -6.9942, 3.3440

Deuteranopia

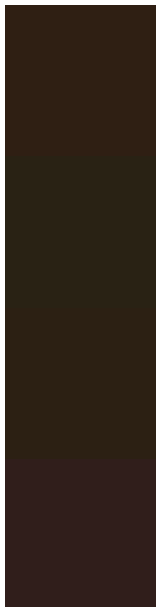
34.3940, -7.5892, 7.5475



Tritanopia

35.0230, -1.4903, 11.3808

Trichromacy



Original Color

34.4160, -7.6001, 11.0362

Protanomaly

34.4970, -7.1470, 5.7031

Deuteranomaly

34.1060, -7.4473, 8.6770

Tritanomaly

35.0400, -3.9637, 11.3659

Monochromacy



Original Color

34.4160, -7.6001, 11.0362

Achromatopsia

34.0000, 0.0000, 0.0000

Achromatomaly

34.3380, -2.6316, 4.0886

CSS Examples

Text

The CSS property to change the color of the text to YUV 34.4160, -7.6001, 11.0362 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(47, 31, 19)` looks like.

```
.text, #text, p{  
    color:rgb(47, 31, 19)  
}
```

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(47, 31, 19) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(47, 31, 19) }
```

Border

The CSS property to change the border of an element to YUV 34.4160, -7.6001, 11.0362 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(47, 31, 19) }
```


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

```
.border{ border-color:rgb(47, 31, 19) }
```

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

Here you see how a box with a 4 pixel rgb(47, 31, 19) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(47, 31, 19); -webkit-box-  
shadow:4px 4px 4px 4px rgb(47, 31, 19);  
box-shadow:4px 4px 4px 4px rgb(47, 31, 19)  
}
```

Background

The CSS property to change the background color of an element to YUV 34.4160, -7.6001, 11.0362 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(47, 31, 19) }
```

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

```
.background{ background-color: rgb(47, 31,  
19) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor