

Converting Colors

YUV(34.1640, -5.5039, -8.0368)

Have a look what the booklet for
YUV(34.1640, -5.5039, -8.0368)
contains.

YUV(34.1640, -5.5039, -8.0368)	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(34.1640, -5.5039,
-8.0368)**

Conversions

Conversions Part 1

Format	Color
Hex	192917
RGB	25, 41, 23
RGB Percent	10%, 16%, 9%
CMY	0.9020, 0.8392, 0.9098
CMYK	0.39, 0.00, 0.44, 0.84
HSL	113°, 28%, 13%
HSV	113°, 44%, 16%
XYZ	1.3485, 1.8544, 1.0975
YIQ	34.1640, -3.7580, -8.9900

Conversions

Conversions Part 2

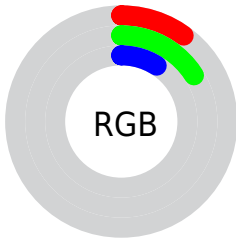
Format	Color
RYB	23, 41, 39
Decimal	1648919
CIELab	14.70, -11.30, 9.74
CIElCh	15, 14.916, 139.257
Yxy	1.8544, 0.3136, 0.4312
Android (android.graphics.Color)	4279838999 (0xFF192917)
YUV	34.1640, -5.5039, -8.0368
Hunter-Lab	13.6177, -6.1549, 4.7541

Details

The YUV color **34.1640, -5.5039, -8.0368** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **29.8360, 5.5039, 8.0368**, and the grayscale version is **34.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **78.6370, -6.2300, -8.4516**, and **0.0000, 0.0000, 0.0000** is the 20% darker color. If you saturate the color by 10%, you get **32.5120, -6.6614, -10.0960**, and if you desaturate by 10%, it is **35.8160, -4.3463, -5.9776**.

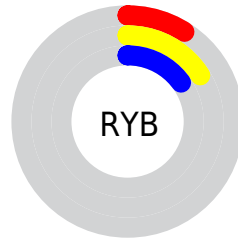
Distribution



Red (10%)

Green (16%)

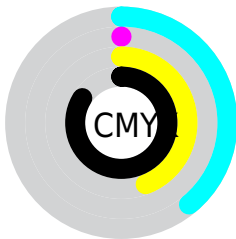
Blue (9%)



Red (9%)

Yellow (16%)

Blue (15%)

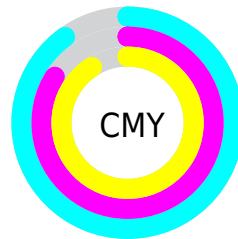


Cyan (39%)

Magenta (0%)

Yellow (44%)

Black (84%)



Cyan (90%)

Magenta (84%)

Yellow (91%)

Brightness & Saturation Gradients

These gradients show how the YUV color 34.1640, -5.5039, -8.0368 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 34.1640, -5.5039, -8.0368 by changing the saturation by 10% instead.

■ 34.1640, -5.5039,
-8.0368

■ 34.1640, -5.5039,
-8.0368

■ 254.0170, -2.4734,
-0.0149

■ 12.3270, -6.0772,
-10.8108

■ 78.6370, -6.2300,
-8.4516

■ 0.0000, 0.0000,
0.0000

■ 103.1100, -6.9562,
-8.8665

■ 127.8110, -6.8088,
-9.4812

■ 153.6970, -7.2456,
-9.3813

■ 180.6970, -7.2456,
-9.3813

■ 208.2840, -7.5350,

-9.8961

■ 236.8710, -7.8244,
-10.4109

■ 34.1640, -5.5039,
-8.0368

■ 34.1640, -5.5039,
-8.0368

■ 32.5120, -6.6614,
-10.0960

■ 35.8160, -4.3463,
-5.9776

■ 31.1590, -7.9664,
-11.5404

■ 37.1690, -3.0413,
-4.5332

■ 29.5070, -9.1240,
-13.5996

■ 38.8210, -1.8838,
-2.4740

■ 27.8550, -10.2815,
-15.6588

■ 40.4730, -0.7262,
-0.4148

■ 26.3880, -12.0233,
-17.0033

■ 41.9400, 1.0156,
0.9296

■ 25.5620, -12.6021,
-18.0329

■ 43.5920, 2.1731,
2.9888

■ 45.2440, 3.3307,
5.0480

■ 46.5970, 4.6357,
6.4924

■ 48.2490, 5.7932,
8.5516

Harmonies

Analogous

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



35.8940, -9.3147, 0.9700



34.1640, -5.5039, -8.0368



31.4060, 0.7858, -18.7731

Triad

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



34.1640, -5.5039, -8.0368



33.2780, 11.6949, -17.7838



37.6000, -3.2538, 17.0138

Complementary

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



34.1640, -5.5039, -8.0368



29.8360, 5.5039, 8.0368

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.



38.1420, 1.4090, 14.7845



34.1640, -5.5039, -8.0368



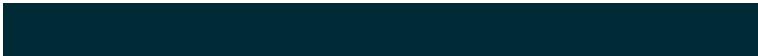
37.1980, 9.7624, -4.5586

Square

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



34.1640, -5.5039, -8.0368



30.6960, 10.9959, -26.9204



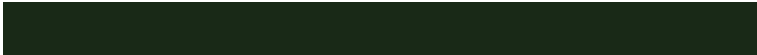
38.3520, 6.2355, 6.7073



36.8510, -7.3215, 15.0397

Rectangle

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



34.1640, -5.5039, -8.0368



29.8010, 5.0281, -26.1355



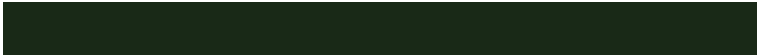
38.3520, 6.2355, 6.7073



37.9420, -1.9434, 16.7139

Sweetspot

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



34.1640, -5.5039, -8.0368



51.1090, -2.0257, -3.6036



37.7740, -7.2836, 2.8292



26.3480, -1.1576, -2.0592



156.0000, 0.0000, 0.0000



28.0000, 0.0000, 0.0000

Same Dimension

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



34.1640, -5.5039, -8.0368



42.9200, -8.8346, -13.0848



34.3640, -2.1515, -9.9662



19.4730, -0.7262, -0.4148



51.9990, -25.6355, -37.7101



131.6200, -64.8887, -94.3827

Inverse Universe

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



29.8360, 5.5039, 8.0368



35.7810, 8.9820, 12.4701



29.6360, 2.1515, 9.9662



18.8260, 0.5788, 1.0296



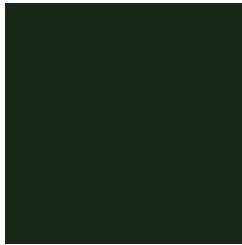
32.0010, 25.6355, 37.7101



80.3800, 64.8887, 94.3827

Previews

White Background



This preview shows how the YUV color 34.1640, -5.5039, -8.0368 looks on a white background.

Color Contrast Check

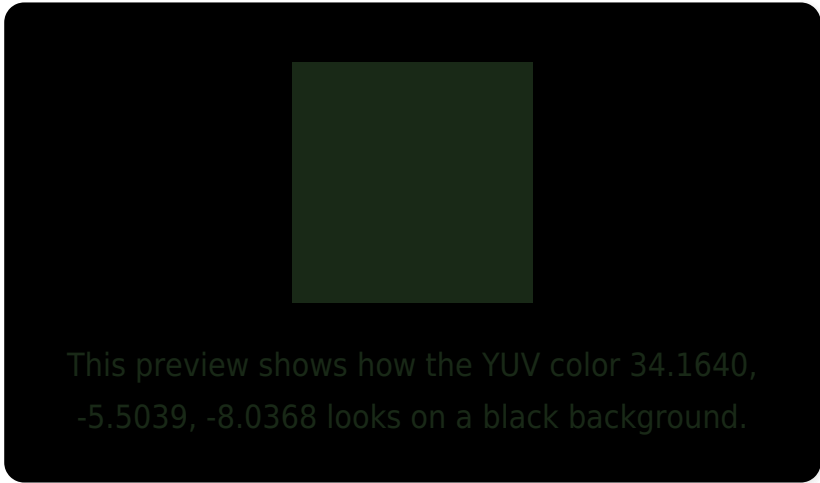
Large Text (above 18pt) WCAG AA ✓ Pass

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

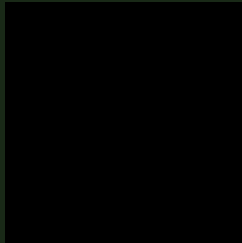
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 34.1640, -5.5039, -8.0368

Background



This preview shows how black text looks on a background with the YUV color 34.1640, -5.5039, -8.0368.



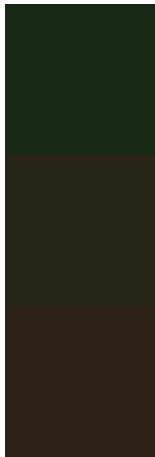
This preview shows how white text looks on a background with the YUV color 34.1640, -5.5039,

-8.0368.

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

34.1640, -5.5039, -8.0368

Protanopia

36.4860, -7.1416, 3.9588

Deuteranopia

36.7360, -6.2788, 7.2475



Tritanopia

36.3520, 2.7845, -6.4477

Trichromacy



Original Color

34.1640, -5.5039, -8.0368

Protanomaly

35.2790, -6.5465, -0.2447

Deuteranomaly

35.8170, -5.8258, 1.9145

Tritanomaly

35.8420, -0.4151, -6.8774

Monochromacy



Original Color

34.1640, -5.5039, -8.0368

Achromatopsia

34.0000, 0.0000, 0.0000

Achromatomaly

34.4080, -2.1731, -2.9888

CSS Examples

Text

The CSS property to change the color of the text to YUV 34.1640, -5.5039, -8.0368 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(25, 41, 23)` looks like.

```
.text, #text, p{  
    color:rgb(25, 41, 23)  
}
```

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(25, 41, 23) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(25, 41, 23) }
```

Border

The CSS property to change the border of an element to YUV 34.1640, -5.5039, -8.0368 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(25, 41, 23) }
```


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

```
.border{ border-color:rgb(25, 41, 23) }
```

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

Here you see how a box with a 4 pixel `rgb(25, 41, 23)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(25, 41, 23); -webkit-box-  
shadow:4px 4px 4px 4px rgb(25, 41, 23);  
box-shadow:4px 4px 4px 4px rgb(25, 41, 23)  
}
```

Background

The CSS property to change the background color of an element to YUV 34.1640, -5.5039, -8.0368 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(25, 41, 23) }
```

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

```
.background{ background-color: rgb(25, 41,  
23) }
```

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