

Converting Colors

YUV(41.9150, -7.8461, -3.4335)

Have a look what the booklet for
YUV(41.9150, -7.8461, -3.4335)
contains.

YUV(41.9150, -7.8461, -3.4335)	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(41.9150, -7.8461,
-3.4335)**

Conversions

Conversions Part 1

Format	Color
Hex	262F1A
RGB	38, 47, 26
RGB Percent	15%, 18%, 10%
CMY	0.8510, 0.8157, 0.8980
CMYK	0.19, 0.00, 0.45, 0.82
HSL	86°, 29%, 14%
HSV	86°, 45%, 18%
XYZ	2.0023, 2.5197, 1.3581
YIQ	41.9150, 1.3770, -8.4390

Conversions

Conversions Part 2

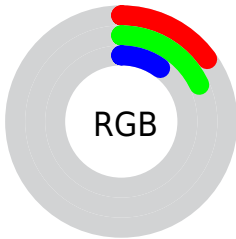
Format	Color
R_{YB}	26, 47, 35
Decimal	2502426
CIE Lab	18.01, -8.49, 12.25
CIE LCh	18, 14.906, 124.729
Yxy	2.5197, 0.3405, 0.4285
Android (android.graphics.Color)	4280692506 (0xFF262F1A)
YUV	41.9150, -7.8461, -3.4335
Hunter-Lab	15.8735, -5.2625, 6.0388

Details

The YUV color **41.9150, -7.8461, -3.4335** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **31.0850, 7.8461, 3.4335**, and the grayscale version is **42.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **87.2740, -9.0091, -3.7483**, and **0.0000, 0.0000, 0.0000** is the 20% darker color. If you saturate the color by 10%, you get **40.7470, -9.7353, -4.1631**, and if you desaturate by 10%, it is **43.0830, -5.9569, -2.7038**.

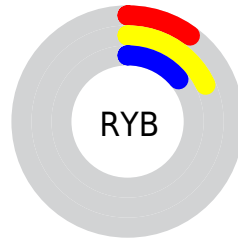
Distribution



Red (15%)

Green (18%)

Blue (10%)



Red (10%)

Yellow (18%)

Blue (14%)

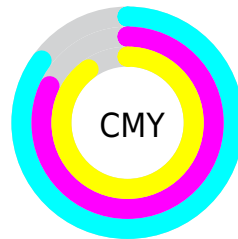


Cyan (19%)

Magenta (0%)

Yellow (45%)

Black (82%)



Cyan (85%)

Magenta (82%)

Yellow (90%)

Brightness & Saturation Gradients

These gradients show how the YUV color 41.9150, -7.8461, -3.4335 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 41.9150, -7.8461, -3.4335 by changing the saturation by 10% instead.

■ 41.9150, -7.8461,
-3.4335

■ 41.9150, -7.8461,
-3.4335

■ 254.8860, -0.4368,
0.1000

■ 20.9430, -10.3249,
-1.7040

■ 87.2740, -9.0091,
-3.7483

■ 0.0000, 0.0000,
0.0000

■ 112.1600, -9.4459,
-3.6483


■ 137.1600, -9.4459,
-3.6483


■ 163.6330,
-10.1721, -4.0631


■ 190.6330,
-10.1721, -4.0631


■ 218.5190,


-10.6089, -3.9632


 246.5190,
-10.6089, -3.9632


 41.9150, -7.8461,
-3.4335


 41.9150, -7.8461,
-3.4335


 40.7470, -9.7353,
-4.1631


 43.0830, -5.9569,
-2.7038


 39.6930, -11.1876,
-4.9928


 44.1370, -4.5045,
-1.8741


 38.5250, -13.0768,
-5.7224

 45.3050, -2.6154,
-1.1445

 37.3570, -14.9660,
-6.4521

 46.4730, -0.7262,
-0.4148

 36.1890, -16.8552,
-7.1818

 47.6410, 1.1630,
0.3148

■ 35.6620, -17.5814,
-7.5966

■ 48.6950, 2.6154,
1.1445

■ 49.8630, 4.5045,
1.8741

■ 51.0310, 6.3937,
2.6038

■ 52.0850, 7.8461,
3.4335

Harmonies

Analogous

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



42.9870, -10.3466, 5.2734



41.9150, -7.8461, -3.4335



40.2280, -2.5774, -13.3550

Triad

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



41.9150, -7.8461, -3.4335



38.9460, 11.8586, -23.6316



45.4690, -1.2172, 17.1287

Complementary

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



41.9150, -7.8461, -3.4335



31.0850, 7.8461, 3.4335

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.



45.4020, 3.7458, 11.9254



41.9150, -7.8461, -3.4335



43.0940, 10.7997, -10.6064

Square

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



41.9150, -7.8461, -3.4335



35.7450, 9.9857, -29.5944



45.4870, 8.1409, 2.2039



44.5030, -6.1640, 17.0989

Rectangle

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



41.9150, -7.8461, -3.4335



38.6230, 1.6649, -20.7174



45.4870, 8.1409, 2.2039



45.2130, 0.3880, 15.5992

Sweetspot

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



41.9150, -7.8461, -3.4335



59.1910, -3.0522, -1.0445



37.5620, -5.7001, 8.2771



29.8320, -1.8892, -0.7297



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.



41.9150, -7.8461, -3.4335



53.0520, -12.3506, -5.3076



38.9250, -6.3720, -9.5812



22.4730, -0.7262, -0.4148



66.0190, -32.5474, -14.0487



162.0960, -79.9133, -35.1642

Inverse Universe

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



31.0850, 7.8461, 3.4335



35.9480, 12.3506, 5.3076



34.0750, 6.3720, 9.5812



21.5270, 0.7262, 0.4148



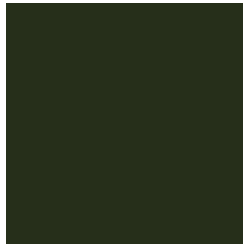
20.9810, 32.5474, 14.0487



51.9040, 79.9133, 35.1642

Previews

White Background



This preview shows how the YUV color 41.9150, -7.8461, -3.4335 looks on a white background.

Color Contrast Check

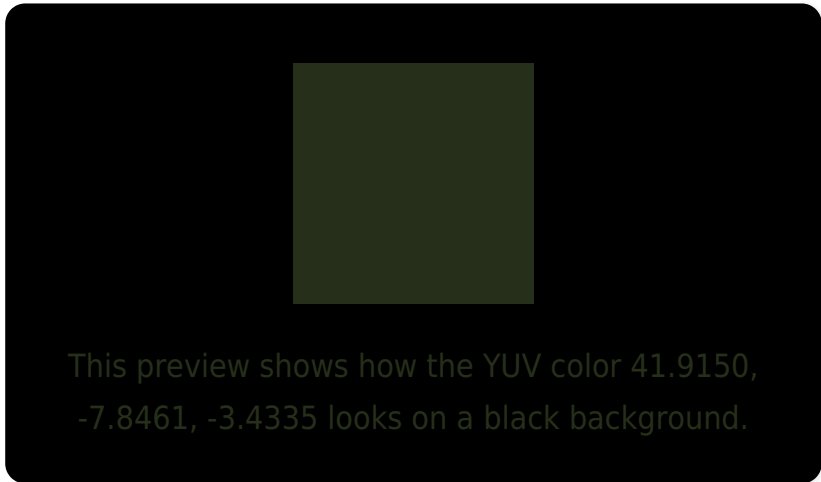
Large Text (above 18pt) WCAG AA ✓ Pass

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

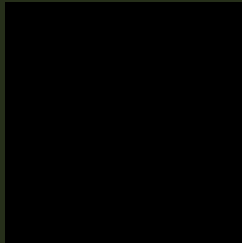
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

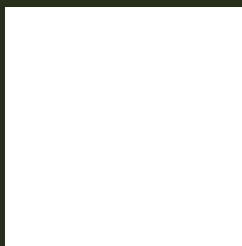
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 41.9150, -7.8461, -3.4335

Background



This preview shows how black text looks on a background with the YUV color 41.9150, -7.8461, -3.4335.



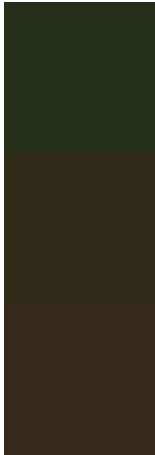
This preview shows how white text looks on a background with the YUV color 41.9150, -7.8461, -3.4335.

-3.4335.

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

41.9150, -7.8461, -3.4335

Protanopia

43.0300, -8.8888, 4.3587

Deuteranopia

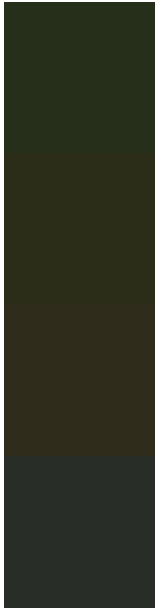
43.5790, -8.1734, 8.2622



Tritanopia

43.5590, 2.1894, -2.2442

Trichromacy



Original Color

41.9150, -7.8461, -3.4335

Protanomaly

42.4210, -8.5886, 1.3848

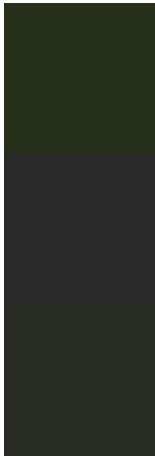
Deuteranomaly

43.2580, -8.0152, 4.1587

Tritanomaly

42.9350, -1.4470, -2.5740

Monochromacy



Original Color

41.9150, -7.8461, -3.4335

Achromatopsia

42.0000, 0.0000, 0.0000

Achromatomaly

42.1910, -3.0522, -1.0445

CSS Examples

Text

The CSS property to change the color of the text to YUV 41.9150, -7.8461, -3.4335 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(38, 47, 26)` looks like.

```
.text, #text, p{  
    color:rgb(38, 47, 26)  
}
```

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(38, 47, 26) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(38, 47, 26) }
```

Border

The CSS property to change the border of an element to YUV 41.9150, -7.8461, -3.4335 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(38, 47, 26) }
```


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

```
.border{ border-color:rgb(38, 47, 26) }
```

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

Here you see how a box with a 4 pixel rgb(38, 47, 26) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(38, 47, 26); -webkit-box-  
shadow:4px 4px 4px 4px rgb(38, 47, 26);  
box-shadow:4px 4px 4px 4px rgb(38, 47, 26)  
}
```

Background

The CSS property to change the background color of an element to YUV 41.9150, -7.8461, -3.4335 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(38, 47, 26) }
```

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

```
.background{ background-color: rgb(38, 47,  
26) }
```

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