

Converting Colors

YUV(47.4350, -3.1725, -9.1515)

Have a look what the booklet for
YUV(47.4350, -3.1725, -9.1515)
contains.

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Color

**YUV(47.4350, -3.1725,
-9.1515)**

Conversions

Conversions Part 1

Format	Color
Hex	253629
RGB	37, 54, 41
RGB Percent	15%, 21%, 16%
CMY	0.8549, 0.7882, 0.8392
CMYK	0.31, 0.00, 0.24, 0.79
HSL	134°, 19%, 18%
HSV	134°, 31%, 21%
XYZ	2.4824, 3.1917, 2.5831
YIQ	47.4350, -5.9590, -7.6470

Conversions

Conversions Part 2

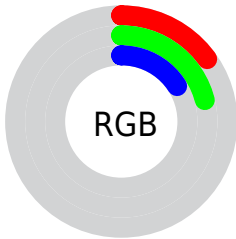
Format	Color
RYB	37, 51, 54
Decimal	2438697
CIELab	20.80, -10.26, 5.97
CIELCh	21, 11.870, 149.781
Yxy	3.1917, 0.3006, 0.3865
Android (android.graphics.Color)	4280628777 (0xFF253629)
YUV	47.4350, -3.1725, -9.1515
Hunter-Lab	17.8655, -6.4625, 3.9334

Details

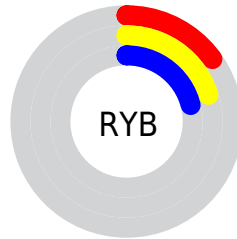
The YUV color **47.4350, -3.1725, -9.1515** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **43.5650, 3.1725, 9.1515**, and the grayscale version is **47.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **93.6090, -3.7512, -10.1811**, and **2.9350, -1.4470, -2.5740** is the 20% darker color. If you saturate the color by 10%, you get **45.4840, -4.1826, -11.8255**, and if you desaturate by 10%, it is **49.3860, -2.1623, -6.4775**.

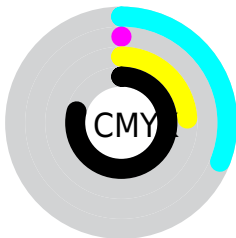
Distribution



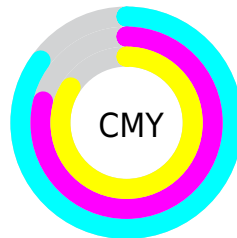
- Red (15%)
- Green (21%)
- Blue (16%)



- Red (15%)
- Yellow (20%)
- Blue (21%)



- Cyan (31%)
- Magenta (0%)
- Yellow (24%)
- Black (79%)



- Cyan (85%)
- Magenta (79%)
- Yellow (84%)

Brightness & Saturation Gradients

These gradients show how the YUV color 47.4350, -3.1725, -9.1515 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 47.4350, -3.1725, -9.1515 by changing the saturation by 10% instead.

■ 47.4350, -3.1725,
-9.1515

■ 47.4350, -3.1725,
-9.1515

255.0000, 0.0000,
0.0000

■ 26.5490, -2.7357,
-9.2515

■ 93.6090, -3.7512,
-10.1811

■ 2.9350, -1.4470,
-2.5740

■ 118.4950, -4.1880,
-10.0811

■ 0.0000, 0.0000,
0.0000

■ 144.1960, -4.0406,
-10.6959

■ 170.1960, -4.0406,
-10.6959

■ 197.7830, -4.3300,
-11.2107

■ 225.7830, -4.3300,

-11.2107

249.6740, -2.3043,
-7.6071

47.4350, -3.1725,
-9.1515

47.4350, -3.1725,
-9.1515

45.4840, -4.1826,
-11.8255

49.3860, -2.1623,
-6.4775

43.2340, -5.0454,
-15.1142

51.6360, -1.2995,
-3.1888

41.2830, -6.0555,
-17.7882

53.5870, -0.2894,
-0.5148

38.9190, -7.3551,
-20.9770

55.9510, 1.0102,
2.6740

36.9680, -8.3652,
-23.6509

57.9020, 2.0203,
5.3479

■ 35.0170, -9.3754,
-26.3249

■ 59.8530, 3.0305,
8.0219

■ 33.1800, -9.9487,
-29.0989

■ 62.1030, 3.8932,
11.3107

■ 64.0540, 4.9034,
13.9846

■ 66.3040, 5.7661,
17.2734

Harmonies

Analogous

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



48.5670, -6.6885, -1.3743



47.4350, -3.1725, -9.1515



46.3570, 1.7960, -16.0991

Triad

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



47.4350, -3.1725, -9.1515



49.2360, 8.7577, -8.9770



50.6490, -4.2640, 14.3398

Complementary

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



47.4350, -3.1725, -9.1515



43.5650, 3.1725, 9.1515

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.



51.5610, -0.7696, 13.5400



47.4350, -3.1725, -9.1515



50.8350, 6.9833, 0.1447

Square

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



47.4350, -3.1725, -9.1515



46.8930, 8.9268, -16.5692



51.3800, 3.7567, 8.4367



50.7150, -7.7475, 11.6509

Rectangle

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



47.4350, -3.1725, -9.1515



45.8450, 5.0064, -19.1581



51.3800, 3.7567, 8.4367



51.2900, -3.1010, 14.6547

Sweetspot

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



47.4350, -3.1725, -9.1515



68.6360, -1.2995, -3.1888



50.8660, -6.8359, -0.7595



34.4620, -0.7208, -2.1592



163.0000, 0.0000, 0.0000



36.0000, 0.0000, 0.0000

Same Dimension

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



47.4350, -3.1725, -9.1515



60.6470, -4.7560, -14.5994



48.3470, 0.3219, -9.9513



26.8750, -0.4314, -1.6444



56.5120, -17.0144, -49.5610



134.4810, -40.6631, -117.9398

Inverse Universe

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



43.5650, 3.1725, 9.1515



54.4670, 5.1928, 14.4994



42.6530, -0.3219, 9.9513



26.1250, 0.4314, 1.6444



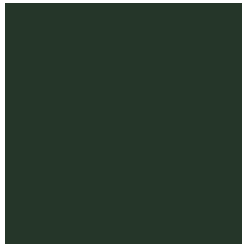
35.4880, 17.0144, 49.5610



84.6330, 41.0999, 117.8399

Previews

White Background



This preview shows how the YUV color 47.4350, -3.1725, -9.1515 looks on a white background.

Color Contrast Check

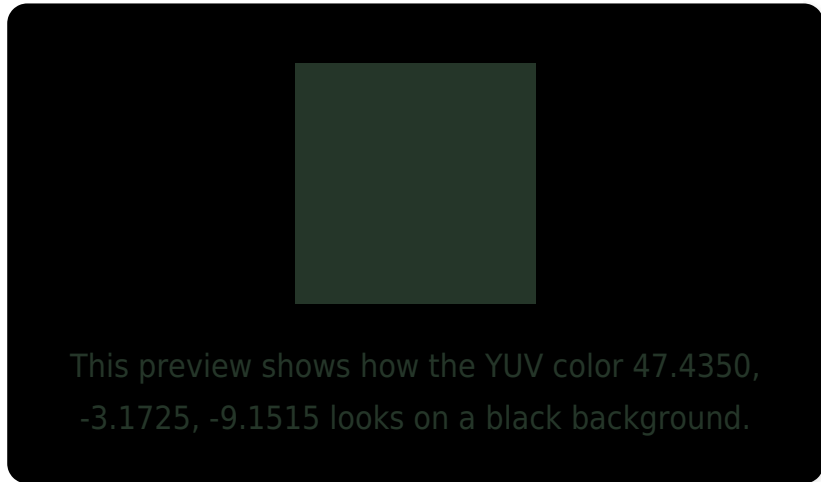
Large Text (above 18pt) WCAG AA ✓ Pass

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 47.4350, -3.1725, -9.1515

Background



This preview shows how black text looks on a background with the YUV color 47.4350, -3.1725, -9.1515.



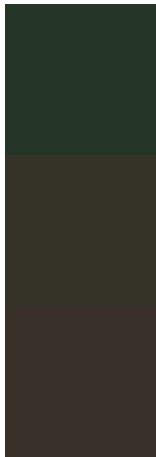
This preview shows how white text looks on a background with the YUV color 47.4350, -3.1725, -9.1515.

-9.1515.

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

47.4350, -3.1725, -9.1515

Protanopia

49.6430, -5.2470, 2.9441

Deuteranopia

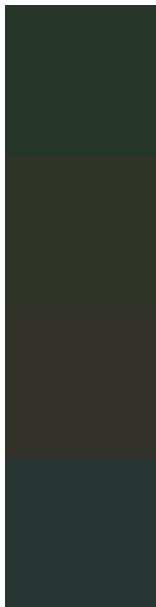
50.0070, -3.9475, 6.1329



Tritanopia

48.8680, 3.5161, -7.7772

Trichromacy



Original Color

47.4350, -3.1725, -9.1515

Protanomaly

48.5500, -4.2151, -1.3593

Deuteranomaly

49.0880, -3.4944, 0.7998

Tritanomaly

48.5860, 1.1901, -8.4069

Monochromacy



Original Color

47.4350, -3.1725, -9.1515

Achromatopsia

47.0000, 0.0000, 0.0000

Achromatomaly

47.3370, -1.1521, -3.8035

CSS Examples

Text

The CSS property to change the color of the text to YUV 47.4350, -3.1725, -9.1515 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(37, 54, 41)` looks like.

```
.text, #text, p{  
    color:rgb(37, 54, 41)  
}
```

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(37, 54, 41) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(37, 54, 41) }
```

Border

The CSS property to change the border of an element to YUV 47.4350, -3.1725, -9.1515 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(37, 54, 41) }
```


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

```
.border{ border-color:rgb(37, 54, 41) }
```

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

Here you see how a box with a 4 pixel `rgb(37, 54, 41)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(37, 54, 41); -webkit-box-  
shadow:4px 4px 4px 4px rgb(37, 54, 41);  
box-shadow:4px 4px 4px 4px rgb(37, 54, 41)  
}
```

Background

The CSS property to change the background color of an element to YUV 47.4350, -3.1725, -9.1515 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(37, 54, 41) }
```

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

```
.background{ background-color: rgb(37, 54,  
41) }
```

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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