

Converting Colors

YUV(37.4350, -3.1725, -9.1515)

Have a look what the booklet for
YUV(37.4350, -3.1725, -9.1515)
contains.

YUV(37.4350, -3.1725, -9.1515)	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(37.4350, -3.1725,
-9.1515)**

Conversions

Conversions Part 1

Format	Color
Hex	1B2C1F
RGB	27, 44, 31
RGB Percent	11%, 17%, 12%
CMY	0.8941, 0.8275, 0.8784
CMYK	0.39, 0.00, 0.30, 0.83
HSL	134°, 24%, 14%
HSV	134°, 39%, 17%
XYZ	1.6000, 2.1333, 1.6238
YIQ	37.4350, -5.9590, -7.6470

Conversions

Conversions Part 2

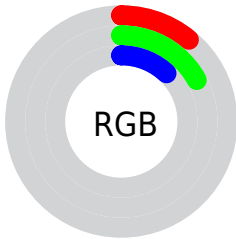
Format	Color
R_{YB}	27, 41, 44
Decimal	1780767
CIE Lab	16.17, -10.53, 6.24
CIE LCh	16, 12.238, 149.344
Yxy	2.1333, 0.2987, 0.3982
Android (android.graphics.Color)	4279970847 (0xFF1B2C1F)
YUV	37.4350, -3.1725, -9.1515
Hunter-Lab	14.6058, -6.0064, 3.6327

Details

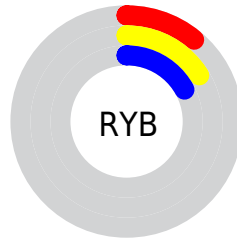
The YUV color **37.4350, -3.1725, -9.1515** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **33.5650, 3.1725, 9.1515**, and the grayscale version is **37.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **82.6090, -3.7512, -10.1811**, and **0.0000, 0.0000, 0.0000** is the 20% darker color. If you saturate the color by 10%, you get **35.8970, -3.8932, -11.3107**, and if you desaturate by 10%, it is **38.9730, -2.4517, -6.9923**.

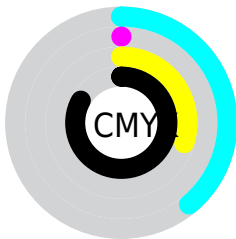
Distribution



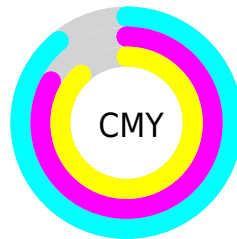
- Red (11%)
- Green (17%)
- Blue (12%)



- Red (11%)
- Yellow (16%)
- Blue (17%)



- Cyan (39%)
- Magenta (0%)
- Yellow (30%)
- Black (83%)



- Cyan (89%)
- Magenta (83%)
- Yellow (88%)

Brightness & Saturation Gradients

These gradients show how the YUV color 37.4350, -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 37.4350, -3.1725, -9.1515 by changing the saturation by 10% instead.

■ 37.4350, -3.1725,
-9.1515

■ 37.4350, -3.1725,
-9.1515

■ 255.0000, 0.0000,
0.0000

■ 15.4840, -4.1826,
-11.8255

■ 82.6090, -3.7512,
-10.1811

■ 0.0000, 0.0000,
0.0000

■ 106.6090, -3.7512,
-10.1811

■ 132.1960, -4.0406,
-10.6959

■ 157.7830, -4.3300,
-11.2107

■ 184.7830, -4.3300,
-11.2107

■ 212.3700, -4.6194,

-11.7255

■ 241.3700, -4.6194,
-11.7255

■ 37.4350, -3.1725,
-9.1515

■ 37.4350, -3.1725,
-9.1515

■ 35.8970, -3.8932,
-11.3107

■ 38.9730, -2.4517,
-6.9923

■ 33.9460, -4.9034,
-13.9846

■ 40.9240, -1.4415,
-4.3183

■ 32.4080, -5.6241,
-16.1438

■ 42.4620, -0.7208,
-2.1592

■ 30.5710, -6.1975,
-18.9178

■ 44.2990, -0.1474,
0.6148

■ 28.9190, -7.3551,
-20.9770

■ 45.9510, 1.0102,
2.6740

■ 27.3810, -8.0758,
-23.1361

■ 47.4890, 1.7309,
4.8331

■ 26.9680, -8.3652,
-23.6509

■ 49.4400, 2.7411,
7.5071

■ 50.9780, 3.4618,
9.6663

■ 52.8150, 4.0352,
12.4402

Harmonies

Analogous

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



38.5670, -6.6885, -1.3743



37.4350, -3.1725, -9.1515



36.0580, 1.9434, -16.7139

Triad

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



37.4350, -3.1725, -9.1515



38.9370, 8.9051, -9.5917



40.6490, -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.



37.4350, -3.1725, -9.1515



33.5650, 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.



41.3760, -0.1854, 12.8252



37.4350, -3.1725, -9.1515



40.8350, 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.



37.4350, -3.1725, -9.1515



35.9960, 9.3690, -18.4135



41.3800, 3.7567, 8.4367



40.4160, -7.6001, 11.0362

Rectangle

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



37.4350, -3.1725, -9.1515



35.2470, 5.3012, -20.3876



41.3800, 3.7567, 8.4367



40.9910, -2.9536, 14.0399

Sweetspot

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



37.4350, -3.1725, -9.1515



53.3370, -1.1521, -3.8035



40.8660, -6.8359, -0.7595



26.4620, -0.7208, -2.1592



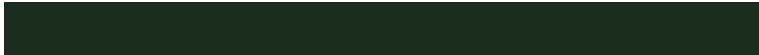
156.0000, 0.0000, 0.0000



28.0000, 0.0000, 0.0000

Same Dimension

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



37.4350, -3.1725, -9.1515



45.9460, -4.9034, -13.9846



38.3470, 0.3219, -9.9513



22.1740, -0.5788, -1.0296



53.3490, -16.4411, -46.7871



131.3180, -40.0898, -115.1659

Inverse Universe

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



33.5650, 3.1725, 9.1515



40.0540, 4.9034, 13.9846



32.6530, -0.3219, 9.9513



21.7120, 0.1420, 1.1296



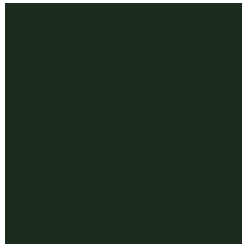
33.5370, 16.0043, 46.8871



82.6820, 40.0898, 115.1659

Previews

White Background



This preview shows how the YUV color 37.4350, -3.1725, -9.1515 looks on a white background.

Color Contrast Check

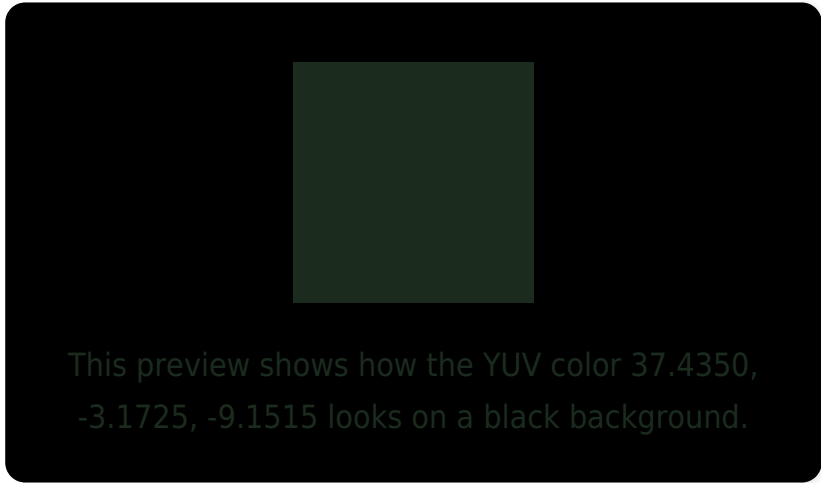
Large Text (above 18pt) WCAG AA ✓ Pass

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

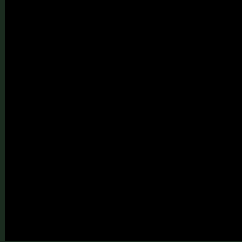
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

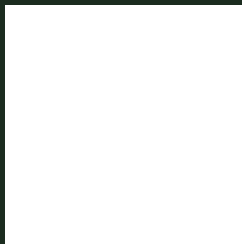
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 37.4350, -3.1725, -9.1515

Background



This preview shows how black text looks on a background with the YUV color 37.4350, -3.1725, -9.1515.



This preview shows how white text looks on a background with the YUV color 37.4350, -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

37.4350, -3.1725, -9.1515

Protanopia

39.6430, -5.2470, 2.9441

Deuteranopia

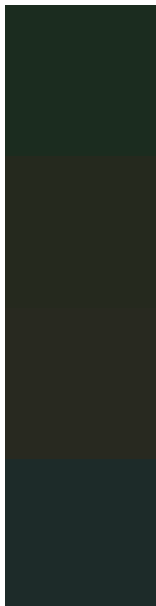
40.5940, -4.2368, 5.6181



Tritanopia

38.8680, 3.5161, -7.7772

Trichromacy



Original Color

37.4350, -3.1725, -9.1515

Protanomaly

38.5500, -4.2151, -1.3593

Deuteranomaly

39.6750, -3.7838, 0.2850

Tritanomaly

38.5860, 1.1901, -8.4069

Monochromacy



Original Color

37.4350, -3.1725, -9.1515

Achromatopsia

37.0000, 0.0000, 0.0000

Achromatomaly

37.3370, -1.1521, -3.8035

CSS Examples

Text

The CSS property to change the color of the text to YUV 37.4350, -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(27, 44, 31)` looks like.

```
.text, #text, p{  
    color:rgb(27, 44, 31)  
}
```

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(27, 44, 31) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(27, 44, 31) }
```

Border

The CSS property to change the border of an element to YUV 37.4350, -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(27, 44, 31) }
```


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

```
.border{ border-color:rgb(27, 44, 31) }
```

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

Here you see how a box with a 4 pixel `rgb(27, 44, 31)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(27, 44, 31); -webkit-box-  
shadow:4px 4px 4px 4px rgb(27, 44, 31);  
box-shadow:4px 4px 4px 4px rgb(27, 44, 31)  
}
```

Background

The CSS property to change the background color of an element to YUV 37.4350, -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(27, 44, 31) }
```

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

```
.background{ background-color: rgb(27, 44,  
31) }
```

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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