

Converting Colors

YUV(33.5490, -2.7357, -9.2515)

Have a look what the booklet for
YUV(33.5490, -2.7357, -9.2515)
contains.

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Color

**YUV(33.5490, -2.7357,
-9.2515)**

Conversions

Conversions Part 1

Format	Color
Hex	17281C
RGB	23, 40, 28
RGB Percent	9%, 16%, 11%
CMY	0.9098, 0.8431, 0.8902
CMYK	0.42, 0.00, 0.30, 0.84
HSL	138°, 27%, 12%
HSV	138°, 42%, 16%
XYZ	1.3217, 1.7836, 1.3732
YIQ	33.5490, -6.2800, -7.3360

Conversions

Conversions Part 2

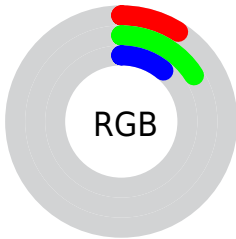
Format	Color
R_{YB}	23, 36, 40
Decimal	1517596
CIE Lab	14.31, -10.40, 5.70
CIE LCh	14, 11.860, 151.269
Yxy	1.7836, 0.2951, 0.3983
Android (android.graphics.Color)	4279707676 (0xFF17281C)
YUV	33.5490, -2.7357, -9.2515
Hunter-Lab	13.3551, -5.7054, 3.2522

Details

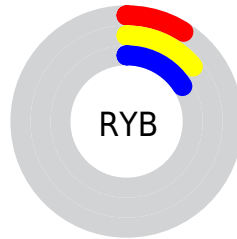
The YUV color **33.5490, -2.7357, -9.2515** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **29.4510, 2.7357, 9.2515**, and the grayscale version is **34.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **77.7230, -3.3144, -10.2811**, and **0.0000, 0.0000, 0.0000** is the 20% darker color. If you saturate the color by 10%, you get **32.0110, -3.4564, -11.4106**, and if you desaturate by 10%, it is **35.0870, -2.0149, -7.0923**.

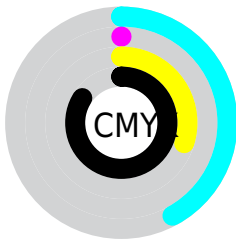
Distribution



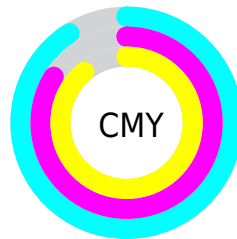
- Red (9%)
- Green (16%)
- Blue (11%)



- Red (9%)
- Yellow (14%)
- Blue (16%)



- Cyan (42%)
- Magenta (0%)
- Yellow (30%)
- Black (84%)



- Cyan (91%)
- Magenta (84%)
- Yellow (89%)

Brightness & Saturation Gradients

These gradients show how the YUV color 33.5490, -2.7357, -9.2515 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 33.5490, -2.7357, -9.2515 by changing the saturation by 10% instead.

■ 33.5490, -2.7357,
-9.2515

■ 33.5490, -2.7357,
-9.2515

■ 253.8040, 0.5896,
-2.4591

■ 11.8540, -5.3510,
-10.3960

■ 77.7230, -3.3144,
-10.2811

■ 0.0000, 0.0000,
0.0000

■ 102.3100, -3.6038,
-10.7959

■ 127.3100, -3.6038,
-10.7959

■ 152.8970, -3.8932,
-11.3107

■ 179.8970, -3.8932,
-11.3107

■ 207.4840, -4.1826,

-11.8255

■ 235.4840, -4.1826,
-11.8255

■ 33.5490, -2.7357,
-9.2515

■ 33.5490, -2.7357,
-9.2515

■ 32.0110, -3.4564,
-11.4106

■ 35.0870, -2.0149,
-7.0923

■ 30.4730, -4.1772,
-13.5698

■ 36.6250, -1.2941,
-4.9331

■ 29.0490, -4.4612,
-15.8290

■ 38.0490, -1.0102,
-2.6740

■ 27.5110, -5.1819,
-17.9881

■ 39.5870, -0.2894,
-0.5148

■ 25.9730, -5.9027,
-20.1473

■ 41.1250, 0.4314,
1.6444

■ 24.8480, -6.3341,
-21.7917

■ 42.6630, 1.1521,
3.8035

■ 44.2010, 1.8729,
5.9627

■ 45.7390, 2.5937,
8.1219

■ 47.1630, 2.8776,
10.3810

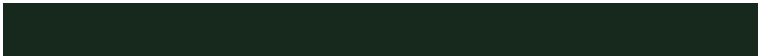
Harmonies

Analogous

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



34.6810, -6.2517, -1.4742



33.5490, -2.7357, -9.2515



32.0580, 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.



33.5490, -2.7357, -9.2515



35.2360, 8.7577, -8.9770



36.9370, -4.4059, 13.2103

Complementary

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



33.5490, -2.7357, -9.2515



29.4510, 2.7357, 9.2515

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.



37.2620, -0.6222, 12.9252



33.5490, -2.7357, -9.2515



37.0200, 6.3991, 0.8595

Square

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



33.5490, -2.7357, -9.2515



32.5940, 9.0742, -17.1839



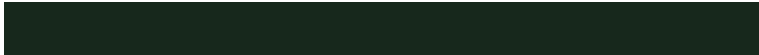
37.2660, 3.3199, 8.5367



36.2310, -7.0159, 10.3214

Rectangle

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



33.5490, -2.7357, -9.2515



31.2470, 5.3012, -20.3876



37.2660, 3.3199, 8.5367



36.9910, -2.9536, 14.0399

Sweetspot

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



33.5490, -2.7357, -9.2515



48.3370, -1.1521, -3.8035



36.5670, -6.6885, -1.3743



24.1630, -0.5734, -2.7740



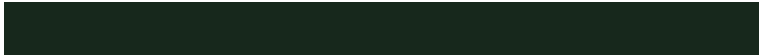
153.0000, 0.0000, 0.0000



26.0000, 0.0000, 0.0000

Same Dimension

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



33.5490, -2.7357, -9.2515



41.1740, -4.0298, -14.1846



34.4610, 0.7587, -10.0513



19.2880, -0.1420, -1.1296



52.1580, -13.3889, -45.7426



131.5120, -34.2694, -115.3360

Inverse Universe

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



29.4510, 2.7357, 9.2515



34.8260, 4.0298, 14.1846



28.5390, -0.7587, 10.0513



18.8260, 0.5788, 1.0296



31.8420, 13.3889, 45.7426



80.3740, 33.8326, 115.4360

Previews

White Background



This preview shows how the YUV color 33.5490, -2.7357, -9.2515 looks on a white background.

Color Contrast Check

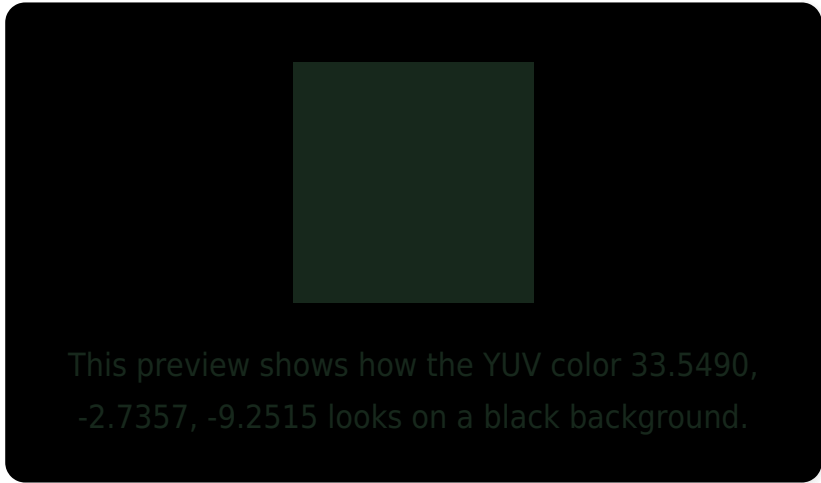
Large Text (above 18pt) WCAG AA ✓ Pass

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

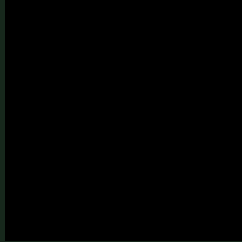
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 33.5490, -2.7357, -9.2515

Background



This preview shows how black text looks on a background with the YUV color 33.5490, -2.7357, -9.2515.



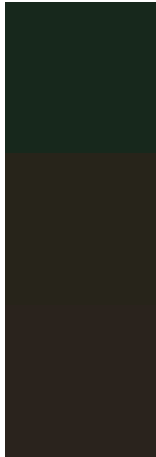
This preview shows how white text looks on a background with the YUV color 33.5490, -2.7357, -9.2515.

-9.2515.

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

33.5490, -2.7357, -9.2515

Protanopia

35.7570, -4.8102, 2.8441

Deuteranopia

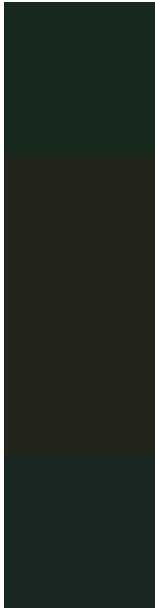
36.4090, -3.6526, 4.9033



Tritanopia

34.7540, 3.0793, -7.6773

Trichromacy



Original Color

33.5490, -2.7357, -9.2515

Protanomaly

34.6640, -3.7784, -1.4593

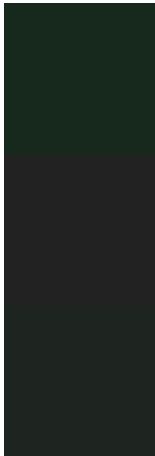
Deuteranomaly

35.4900, -3.1996, -0.4297

Tritanomaly

34.4720, 0.7533, -8.3069

Monochromacy



Original Color

33.5490, -2.7357, -9.2515

Achromatopsia

34.0000, 0.0000, 0.0000

Achromatomaly

33.7500, -0.8628, -3.2887

CSS Examples

Text

The CSS property to change the color of the text to YUV 33.5490, -2.7357, -9.2515 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(23, 40, 28)` looks like.

```
.text, #text, p{  
    color:rgb(23, 40, 28)  
}
```

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(23, 40, 28) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(23, 40, 28) }
```

Border

The CSS property to change the border of an element to YUV 33.5490, -2.7357, -9.2515 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(23, 40, 28) }
```


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

```
.border{ border-color:rgb(23, 40, 28) }
```

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

Here you see how a box with a 4 pixel `rgb(23, 40, 28)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(23, 40, 28); -webkit-box-  
shadow:4px 4px 4px 4px rgb(23, 40, 28);  
box-shadow:4px 4px 4px 4px rgb(23, 40, 28)  
}
```

Background

The CSS property to change the background color of an element to YUV 33.5490, -2.7357, -9.2515 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(23, 40, 28) }
```

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

```
.background{ background-color: rgb(23, 40,  
28) }
```

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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