

Converting Colors

YUV(42.4590, -9.5933, -3.0335)

Have a look what the booklet for
YUV(42.4590, -9.5933, -3.0335)
contains.

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Color

**YUV(42.4590, -9.5933,
-3.0335)**

Conversions

Conversions Part 1

Format	Color
Hex	273017
RGB	39, 48, 23
RGB Percent	15%, 19%, 9%
CMY	0.8471, 0.8118, 0.9098
CMYK	0.19, 0.00, 0.52, 0.81
HSL	82°, 35%, 14%
HSV	82°, 52%, 19%
XYZ	2.0483, 2.6071, 1.2059
YIQ	42.4590, 2.6610, -9.6830

Conversions

Conversions Part 2

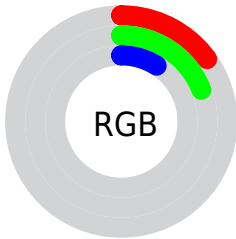
Format	Color
RYB	23, 48, 32
Decimal	2568215
CIE Lab	18.40, -9.12, 14.72
CIE LCh	18, 17.318, 121.770
Yxy	2.6071, 0.3495, 0.4448
Android (android.graphics.Color)	4280758295 (0xFF273017)
YUV	42.4590, -9.5933, -3.0335
Hunter-Lab	16.1465, -5.6123, 6.8746

Details

The YUV color **42.4590, -9.5933, -3.0335** is a dark color, and the websafe version is hex **333300**. A complement of this color would be **28.5410, 9.5933, 3.0335**, and the grayscale version is **43.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **88.1170, -10.9037, -2.7336**, and **0.0000, 0.0000, 0.0000** is the 20% darker color. If you saturate the color by 10%, you get **41.2910, -11.4825, -3.7632**, and if you desaturate by 10%, it is **43.6270, -7.7041, -2.3039**.

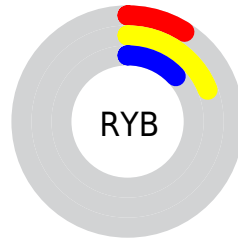
Distribution



Red (15%)

Green (19%)

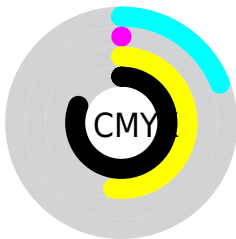
Blue (9%)



Red (9%)

Yellow (19%)

Blue (13%)

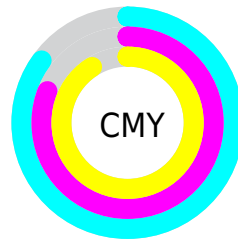


Cyan (19%)

Magenta (0%)

Yellow (52%)

Black (81%)



Cyan (85%)

Magenta (81%)

Yellow (91%)

Brightness & Saturation Gradients

These gradients show how the YUV color 42.4590, -9.5933, -3.0335 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 42.4590, -9.5933, -3.0335 by changing the saturation by 10% instead.

■ 42.4590, -9.5933,
-3.0335

■ 42.4590, -9.5933,
-3.0335

■ 254.4300, -2.1840,
0.4999

■ 21.8290, -10.7617,
-1.6040

■ 88.1170, -10.9037,
-2.7336

■ 0.0000, 0.0000,
0.0000

■ 112.7040,
-11.1931, -3.2484

■ 137.5900,
-11.6299, -3.1484


■ 164.4760,
-12.0667, -3.0485


■ 191.3620,
-12.5035, -2.9485


■ 219.3620,


-12.5035, -2.9485


 247.9490,
-12.7929, -3.4633


 42.4590, -9.5933,
-3.0335


 42.4590, -9.5933,
-3.0335


 41.2910, -11.4825,
-3.7632


 43.6270, -7.7041,
-2.3039


 40.4220, -13.5190,
-3.8781


 44.4960, -5.6675,
-2.1890


 39.3680, -14.9714,
-4.7077

 45.5500, -4.2151,
-1.3593

 38.2000, -16.8606,
-5.4374

 46.7180, -2.3260,
-0.6297

 37.4450, -18.4604,
-5.6523

 47.8860, -0.4368,
0.1000

■ 48.7550, 1.5998,
0.2149

■ 49.9230, 3.4890,
0.9445

■ 50.9770, 4.9413,
1.7742

■ 52.1450, 6.8305,
2.5038

Harmonies

Analogous

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



43.5420, -12.0992, 7.4177



42.4590, -9.5933, -3.0335



39.9890, -3.4456, -14.8994

Triad

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



42.4590, -9.5933, -3.0335



36.4010, 15.0853, -31.9237



46.0070, -0.4965, 19.2879

Complementary

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



42.4590, -9.5933, -3.0335



28.5410, 9.5933, 3.0335

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.



46.4560, 5.1982, 12.7551



42.4590, -9.5933, -3.0335



42.7560, 13.4313, -14.6950

Square

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



42.4590, -9.5933, -3.0335



36.5490, 10.5753, -32.0535



45.6440, 10.0355, 1.1892



45.1120, -6.4642, 20.0728

Rectangle

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



42.4590, -9.5933, -3.0335



37.6010, 1.6757, -24.2061



45.6440, 10.0355, 1.1892



46.1640, 1.3981, 18.2732

Sweetspot

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



42.4590, -9.5933, -3.0335



58.9630, -3.9258, -0.8446



35.7580, -6.2897, 10.7362



29.7180, -2.3260, -0.6297



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.



42.4590, -9.5933, -3.0335



52.4820, -14.5346, -4.8077



38.8710, -7.8244, -10.4109



22.4730, -0.7262, -0.4148



67.5140, -33.2844, -10.9748



166.5810, -82.1244, -25.9425

Inverse Universe

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



28.5410, 9.5933, 3.0335



31.5180, 14.5346, 4.8077



32.1290, 7.8244, 10.4109



21.2280, 0.8736, -0.2000



19.1870, 33.4318, 10.3600



47.4190, 82.1244, 25.9425

Previews

White Background



This preview shows how the YUV color 42.4590, -9.5933, -3.0335 looks on a white background.

Color Contrast Check

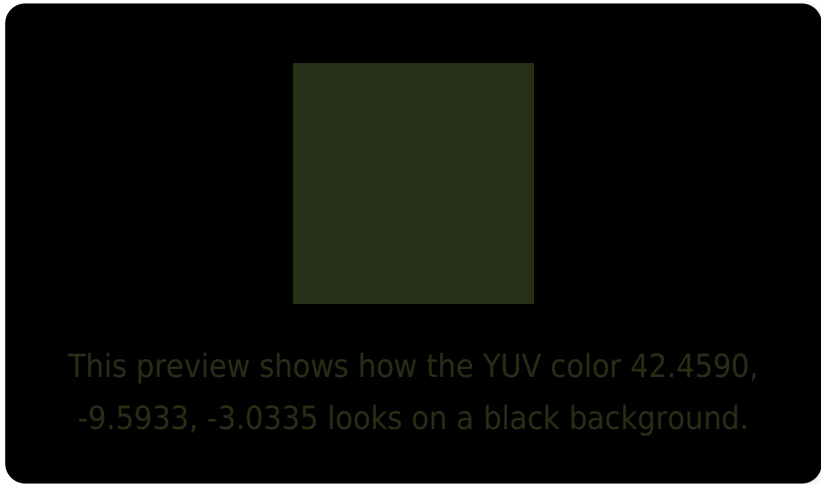
Large Text (above 18pt) WCAG AA ✓ Pass

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

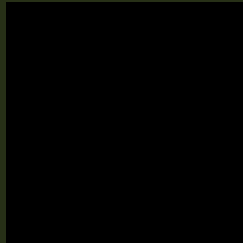
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

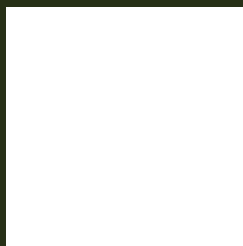
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 42.4590, -9.5933, -3.0335

Background



This preview shows how black text looks on a background with the YUV color 42.4590, -9.5933, -3.0335.



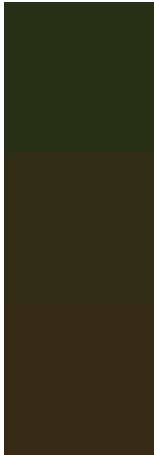
This preview shows how white text looks on a background with the YUV color 42.4590, -9.5933, -3.0335.

-3.0335.

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

42.4590, -9.5933, -3.0335

Protanopia

43.8730, -10.7834, 5.3734

Deuteranopia

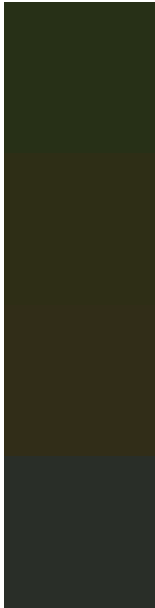
44.4220, -10.0680, 9.2769



Tritanopia

44.5590, 2.1894, -2.2442

Trichromacy



Original Color

42.4590, -9.5933, -3.0335

Protanomaly

43.2640, -10.4832, 2.3995

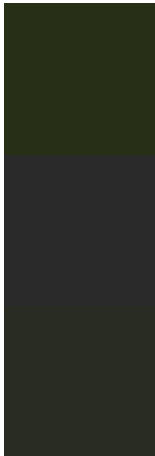
Deuteranomaly

43.8020, -9.7624, 4.5586

Tritanomaly

43.8210, -1.8838, -2.4740

Monochromacy



Original Color

42.4590, -9.5933, -3.0335

Achromatopsia

42.0000, 0.0000, 0.0000

Achromatomaly

42.0770, -3.4890, -0.9445

CSS Examples

Text

The CSS property to change the color of the text to YUV 42.4590, -9.5933, -3.0335 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(39, 48, 23)` looks like.

```
.text, #text, p{  
    color:rgb(39, 48, 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(39, 48, 23) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(39, 48, 23) }
```

Border

The CSS property to change the border of an element to YUV 42.4590, -9.5933, -3.0335 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(39, 48, 23) }
```


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

```
.border{ border-color:rgb(39, 48, 23) }
```

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

Here you see how a box with a 4 pixel `rgb(39, 48, 23)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(39, 48, 23); -webkit-box-  
shadow:4px 4px 4px 4px rgb(39, 48, 23);  
box-shadow:4px 4px 4px 4px rgb(39, 48, 23)  
}
```

Background

The CSS property to change the background color of an element to YUV 42.4590, -9.5933, -3.0335 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(39, 48, 23) }
```

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

```
.background{ background-color: rgb(39, 48,  
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](#).

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