

Converting Colors

YUV(42.9110, -1.9281, -35.0019)

Have a look what the booklet for
YUV(42.9110, -1.9281, -35.0019)
contains.

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Color

**YUV(42.9110, -1.9281,
-35.0019)**

Conversions

Conversions Part 1

Format	Color
Hex	034027
RGB	3, 64, 39
RGB Percent	1%, 25%, 15%
CMY	0.9882, 0.7490, 0.8471
CMYK	0.95, 0.00, 0.39, 0.75
HSL	155°, 91%, 13%
HSV	155°, 95%, 25%
XYZ	2.2372, 3.8326, 2.5413
YIQ	42.9110, -28.3310, -20.7070

Conversions

Conversions Part 2

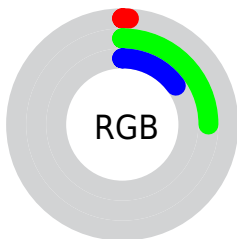
Format	Color
R_{YB}	3, 41, 64
Decimal	213031
CIE _{Lab}	23.11, -25.29, 10.28
CIE _{LCh}	23, 27.294, 157.885
Yxy	3.8326, 0.2598, 0.4451
Android (android.graphics.Color)	4278403111 (0xFF034027)
YUV	42.9110, -1.9281, -35.0019
Hunter-Lab	19.5771, -13.8620, 6.0075

Details

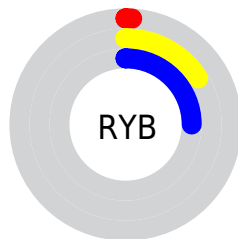
The YUV color **42.9110, -1.9281, -35.0019** is a dark color, and the websafe version is hex **003300**. A complement of this color would be **24.0890, 1.9281, 35.0019**, and the grayscale version is **43.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **92.6620, -4.2704, -30.3986**, and **11.1530, -5.4984, -9.7812** is the 20% darker color. If you saturate the color by 10%, you get **41.9000, -1.9227, -36.7463**, and if you desaturate by 10%, it is **45.0470, -1.5022, -31.6132**.

Distribution



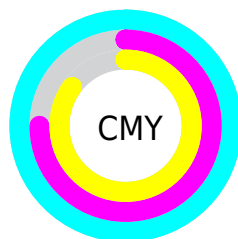
- Red (1%)
- Green (25%)
- Blue (15%)



- Red (1%)
- Yellow (16%)
- Blue (25%)



- Cyan (95%)
- Magenta (0%)
- Yellow (39%)
- Black (75%)



- Cyan (99%)
- Magenta (75%)
- Yellow (85%)

Brightness & Saturation Gradients

These gradients show how the YUV color 42.9110, -1.9281, -35.0019 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 42.9110, -1.9281, -35.0019 by changing the saturation by 10% instead.

42.9110, -1.9281,
-35.0019

42.9110, -1.9281,
-35.0019

252.3090, 1.3267,
-5.5330

26.2330, -3.5659,
-23.0063

92.6620, -4.2704,
-30.3986

11.1530, -5.4984,
-9.7812

118.1350, -4.9966,
-30.8134

0.0000, 0.0000,
0.0000

144.7220, -5.2859,
-31.3282

171.3090, -5.5753,
-31.8430

198.8960, -5.8647,
-32.3578

227.1840, -6.0067,

-33.4874

■ 242.5690, 0.2125,
-21.5470

■ 42.9110, -1.9281,
-35.0019

■ 42.9110, -1.9281,
-35.0019

■ 41.9000, -1.9227,
-36.7463

■ 45.0470, -1.5022,
-31.6132

■ 47.3680, -1.6604,
-27.5097

■ 49.5040, -1.2345,
-24.1210

■ 51.8250, -1.3927,
-20.0175

■ 53.9610, -0.9668,
-16.6288

■ 56.0970, -0.5408,
-13.2401

■ 58.4180, -0.6991,
-9.1366

■ 60.5540, -0.2731,
-5.7479

■ 62.9890, 0.0054,
-1.7444

Harmonies

Analogous

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



49.8620, -14.2290, -9.5260



42.9110, -1.9281, -35.0019



44.9950, 7.3975, -39.4606

Triad

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



42.9110, -1.9281, -35.0019



51.1770, 21.6047, -22.9572



54.5110, -11.5909, 31.1239

Complementary

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



42.9110, -1.9281, -35.0019



24.0890, 1.9281, 35.0019

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.



55.0410, -1.9922, 32.4130



42.9110, -1.9281, -35.0019



56.3440, 15.1134, 5.8373

Square

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



42.9110, -1.9281, -35.0019



46.4090, 22.9694, -40.7007



56.6900, 7.0548, 23.9509



53.9090, -18.6891, 21.1278

Rectangle

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



42.9110, -1.9281, -35.0019



46.5910, 13.5126, -40.8603



56.6900, 7.0548, 23.9509



54.6190, -8.6862, 32.7831

Sweetspot

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



42.9110, -1.9281, -35.0019



75.6840, -0.8302, -13.7549



46.2820, -21.3380, -16.0333



37.8310, -0.4097, -8.6218



171.0000, 0.0000, 0.0000



43.0000, 0.0000, 0.0000

Same Dimension

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



42.9110, -1.9281, -35.0019



55.0080, -2.4689, -48.2420



42.8260, 10.4388, -34.9274



31.9890, 0.0054, -1.7444



63.4370, -3.1734, -55.6342



146.5360, -7.1662, -128.5121

Inverse Universe

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



24.0890, 1.9281, 35.0019



28.9920, 2.4689, 48.2420



24.1740, -10.4388, 34.9274



31.0110, -0.0054, 1.7444



33.5630, 3.1734, 55.6342



77.4640, 7.1662, 128.5121

Previews

White Background



This preview shows how the YUV color 42.9110, -1.9281, -35.0019 looks on a white background.

Color Contrast Check

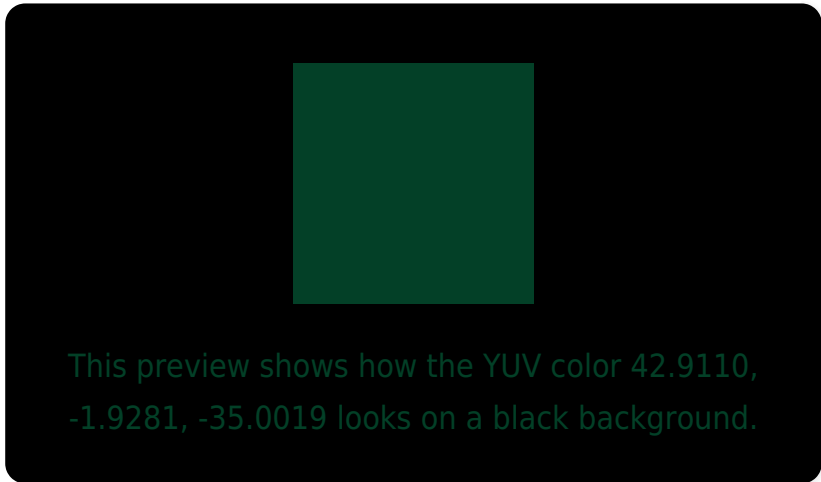
Large Text (above 18pt) WCAG AA ✓ Pass

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 42.9110, -1.9281, -35.0019

Background



This preview shows how black text looks on a background with the YUV color 42.9110, -1.9281, -35.0019.



This preview shows how white text looks on a background with the YUV color 42.9110, -1.9281,

-35.0019.

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

42.9110, -1.9281, -35.0019

Protanopia

54.3290, -9.0362, 4.9735

Deuteranopia

55.3340, -6.5737, 8.4771



Tritanopia

50.2080, 7.7855, -23.8614

Trichromacy



Original Color

42.9110, -1.9281, -35.0019

Protanomaly

49.9250, -6.3720, -9.5812

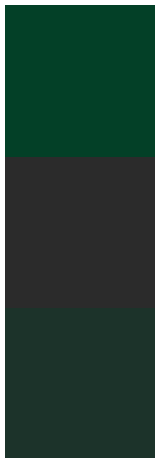
Deuteranomaly

50.6910, -4.7777, -7.6220

Tritanomaly

47.5620, 4.1599, -27.6799

Monochromacy



Original Color

42.9110, -1.9281, -35.0019

Achromatopsia

43.0000, 0.0000, 0.0000

Achromatomaly

43.0970, -0.5408, -13.2401

CSS Examples

Text

The CSS property to change the color of the text to YUV 42.9110, -1.9281, -35.0019 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(3, 64, 39)` looks like.

```
.text, #text, p{  
    color:rgb(3, 64, 39)  
}
```

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(3, 64, 39) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(3, 64, 39) }
```

Border

The CSS property to change the border of an element to YUV 42.9110, -1.9281, -35.0019 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(3, 64, 39) }
```


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

```
.border{ border-color:rgb(3, 64, 39) }
```

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

Here you see how a box with a 4 pixel `rgb(3, 64, 39)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(3, 64, 39); -webkit-box-shadow:4px  
4px 4px 4px rgb(3, 64, 39); box-shadow:4px  
4px 4px 4px rgb(3, 64, 39) }
```

Background

The CSS property to change the background color of an element to YUV 42.9110, -1.9281, -35.0019 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(3, 64, 39) }
```

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

```
.background{ background-color: rgb(3, 64,  
39) }
```

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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