

Converting Colors

YUV(29.0500, -9.3917, -21.0919)

Have a look what the booklet for
YUV(29.0500, -9.3917, -21.0919)
contains.

| | |
|--|----|
| YUV(29.0500, -9.3917, -21.0919) | 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(29.0500, -9.3917,
-21.0919)**

Conversions

Conversions Part 1

| Format | Color |
|---------------|-----------------------------|
| Hex | 052D0A |
| RGB | 5, 45, 10 |
| RGB Percent | 2%, 18%, 4% |
| CMY | 0.9804, 0.8235, 0.9608 |
| CMYK | 0.89, 0.00, 0.78, 0.82 |
| HSL | 128°, 80%, 10% |
| HSV | 128°, 89%, 18% |
| XYZ | 1.0558, 1.9310, 0.6042 |
| YIQ | 29.0500, -12.6050, -19.3650 |

Conversions

Conversions Part 2

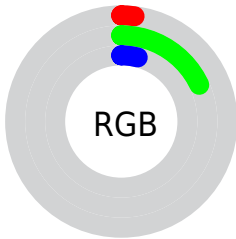
| Format | Color |
|-------------------------------------|-------------------------------|
| RYB | 5, 41, 45 |
| Decimal | 339210 |
| CIELab | 15.12, -22.58, 17.43 |
| CIELCh | 15, 28.523, 142.338 |
| Yxy | 1.9310, 0.2940, 0.5377 |
| Android (android.graphics.Color) | 4278529290 (0xFF052D0A) |
| YUV | 29.0500, -9.3917, -21.0919 |
| Hunter-Lab | 13.8959, -10.7560, 7.1490 |

Details

The YUV color **29.0500, -9.3917, -21.0919** is a dark color, and the websafe version is hex **003300**. A complement of this color would be **20.9500, 9.3916, 21.0918**, and the grayscale version is **29.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **75.4200, -10.5601, -19.6623**, and **0.0000, 0.0000, 0.0000** is the 20% darker color. If you saturate the color by 10%, you get **27.3980, -10.5492, -23.1510**, and if you desaturate by 10%, it is **31.0010, -8.3815, -18.4179**.

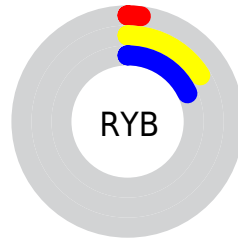
Distribution



Red (2%)

Green (18%)

Blue (4%)



Red (2%)

Yellow (16%)

Blue (18%)

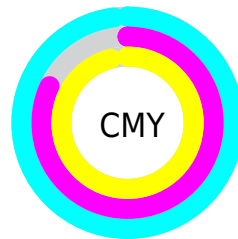


Cyan (89%)

Magenta (0%)

Yellow (78%)

Black (82%)



Cyan (98%)

Magenta (82%)

Yellow (96%)

Brightness & Saturation Gradients

These gradients show how the YUV color 29.0500, -9.3917, -21.0919 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 29.0500, -9.3917, -21.0919 by changing the saturation by 10% instead.

■ 29.0500, -9.3917,
-21.0919

■ 29.0500, -9.3917,
-21.0919

■ 247.3380, -6.0826,
-9.0664

■ 15.2620, -7.5242,
-13.3848

■ 75.4200, -10.5601,
-19.6623

■ 0.0000, 0.0000,
0.0000

■ 99.8930, -11.2862,
-20.0772


■ 125.0670,
-11.8650, -21.1068


■ 150.9530,
-12.3018, -21.0068


■ 178.1270,
-12.8806, -22.0364


■ 205.7140,


-13.1700, -22.5512


 234.3010,
-13.4594, -23.0660


 29.0500, -9.3917,
-21.0919

 29.0500, -9.3917,
-21.0919


 27.3980, -10.5492,
-23.1510


 31.0010, -8.3815,
-18.4179

 27.0990, -10.4018,
-23.7658

 32.6530, -7.2239,
-16.3587

 34.6040, -6.2138,
-13.6847

 36.2560, -5.0562,
-11.6255

 38.2070, -4.0461,
-8.9515

■ 39.8590, -2.8885,
-6.8923

■ 41.8100, -1.8783,
-4.2184

■ 43.4620, -0.7208,
-2.1592

■ 45.2990, -0.1474,
0.6148

Harmonies

Analogous

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



34.5320, -17.0243, 0.4104



29.0500, -9.3917, -21.0919



31.2370, 0.3762, -27.3948

Triad

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



29.0500, -9.3917, -21.0919



33.5460, 21.9158, -29.4198



35.1290, -5.4866, 33.2129

Complementary

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



29.0500, -9.3917, -21.0919



20.9500, 9.3916, 21.0918

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.



36.2240, 3.8336, 30.4986



29.0500, -9.3917, -21.0919



36.8690, 18.7986, -9.5321

Square

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



29.0500, -9.3917, -21.0919



34.9820, 17.2639, -30.6792



38.9000, 11.8813, 15.8737



35.5830, -17.5424, 26.6757

Rectangle

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



29.0500, -9.3917, -21.0919



32.8330, 6.4913, -28.7945



38.9000, 11.8813, 15.8737



35.5250, -2.7238, 33.7426

Sweetspot

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



29.0500, -9.3917, -21.0919



52.6200, -3.7567, -8.4367



38.9450, -16.7349, 0.9252



26.9840, -2.4571, -5.2480



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.



29.0500, -9.3917, -21.0919



35.4310, -14.0165, -31.0730



31.3300, -0.6557, -23.0914



22.1740, -0.5788, -1.0296



52.3230, -20.3722, -45.8873



128.6960, -50.1361, -112.8664

Inverse Universe

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



20.9500, 9.3916, 21.0918



23.4550, 13.5797, 31.1730



18.6700, 0.6557, 23.0914



21.8260, 0.5788, 1.0296



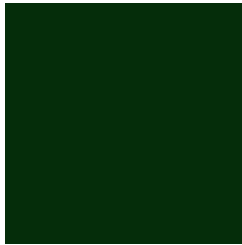
34.6770, 20.3722, 45.8873



85.3040, 50.1361, 112.8664

Previews

White Background



This preview shows how the YUV color 29.0500, -9.3917, -21.0919 looks on a white background.

Color Contrast Check

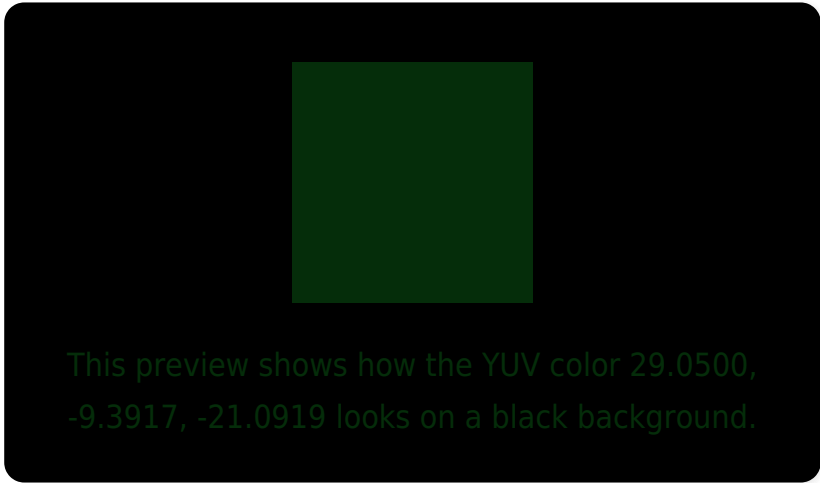
Large Text (above 18pt) WCAG AA ✓ Pass

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

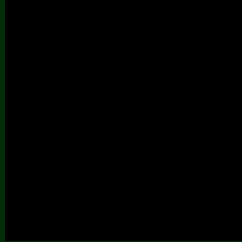
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 29.0500, -9.3917, -21.0919

Background



This preview shows how black text looks on a background with the YUV color 29.0500, -9.3917, -21.0919.



This preview shows how white text looks on a background with the YUV color 29.0500, -9.3917, -21.0919.

-21.0919.

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

29.0500, -9.3917, -21.0919

Protanopia

36.6620, -14.1304, 5.5584

Deuteranopia

37.6670, -11.6678, 9.0620



Tritanopia

35.4650, 4.7008, -14.4398

Trichromacy



Original Color

29.0500, -9.3917, -21.0919

Protanomaly

33.7640, -12.2087, -4.1780

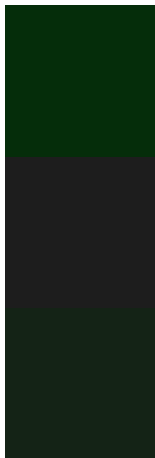
Deuteranomaly

34.5300, -10.6143, -2.2188

Tritanomaly

33.0750, -0.5300, -16.7288

Monochromacy



Original Color

29.0500, -9.3917, -21.0919

Achromatopsia

29.0000, 0.0000, 0.0000

Achromatomaly

29.0330, -3.4673, -7.9219

CSS Examples

Text

The CSS property to change the color of the text to YUV 29.0500, -9.3917, -21.0919 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(5, 45, 10)` looks like.

```
.text, #text, p{  
    color:rgb(5, 45, 10)  
}
```

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(5, 45, 10) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(5, 45, 10) }
```

Border

The CSS property to change the border of an element to YUV 29.0500, -9.3917, -21.0919 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(5, 45, 10) }
```


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

```
.border{ border-color:rgb(5, 45, 10) }
```

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

Here you see how a box with a 4 pixel `rgb(5, 45, 10)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(5, 45, 10); -webkit-box-shadow:4px  
4px 4px 4px rgb(5, 45, 10); box-shadow:4px  
4px 4px 4px rgb(5, 45, 10) }
```

Background

The CSS property to change the background color of an element to YUV 29.0500, -9.3917, -21.0919 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(5, 45, 10) }
```

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

```
.background{ background-color: rgb(5, 45,  
10) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor