

Converting Colors

YUV(50.3430, -10.5221,
-31.8728)

Have a look what the booklet for
YUV(50.3430, -10.5221, -31.8728)
contains.

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Color

**YUV(50.3430, -10.5221,
-31.8728)**

Conversions

Conversions Part 1

Format	Color
Hex	0E491D
RGB	14, 73, 29
RGB Percent	5%, 29%, 11%
CMY	0.9451, 0.7137, 0.8863
CMYK	0.81, 0.00, 0.60, 0.71
HSL	135°, 68%, 17%
HSV	135°, 81%, 29%
XYZ	2.7854, 4.9472, 1.9705
YIQ	50.3430, -21.0400, -26.1920

Conversions

Conversions Part 2

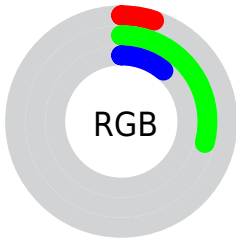
Format	Color
RYB	14, 61, 73
Decimal	936221
CIELab	26.58, -29.40, 20.91
CIELCh	27, 36.075, 144.574
Yxy	4.9472, 0.2871, 0.5099
Android (android.graphics.Color)	4279126301 (0xFF0E491D)
YUV	50.3430, -10.5221, -31.8728
Hunter-Lab	22.2422, -16.5701, 10.3169

Details

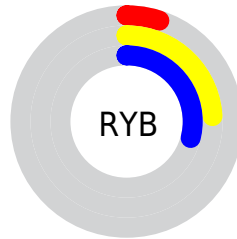
The YUV color **50.3430, -10.5221, -31.8728** is a dark color, and the websafe version is hex **003300**. A complement of this color would be **36.6570, 10.5221, 31.8728**, and the grayscale version is **50.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **100.0830, -12.8589, -29.0138**, and **18.1970, -8.9711, -15.9588** is the 20% darker color. If you saturate the color by 10%, you get **47.6800, -11.6742, -35.6764**, and if you desaturate by 10%, it is **53.0060, -9.3700, -28.0693**.

Distribution



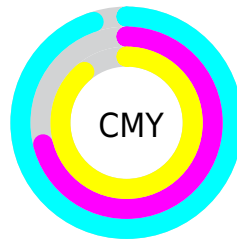
- Red (5%)
- Green (29%)
- Blue (11%)



- Red (5%)
- Yellow (24%)
- Blue (29%)



- Cyan (81%)
- Magenta (0%)
- Yellow (60%)
- Black (71%)



- Cyan (95%)
- Magenta (71%)
- Yellow (89%)

Brightness & Saturation Gradients

These gradients show how the YUV color 50.3430, -10.5221, -31.8728 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 50.3430, -10.5221, -31.8728 by changing the saturation by 10% instead.

■ 50.3430, -10.5221,
-31.8728

■ 50.3430, -10.5221,
-31.8728

255.0000, 0.0000,
0.0000

■ 30.0340, -11.8488,
-26.3398

■ 100.0830,
-12.8589, -29.0138

■ 18.1970, -8.9711,
-15.9588

■ 125.5560,
-13.5851, -29.4286

■ 0.0000, 0.0000,
0.0000

■ 152.0290,
-14.3113, -29.8434


■ 179.5020,
-15.0375, -30.2583


■ 207.0890,
-15.3269, -30.7731


■ 232.7410,


-14.1693, -28.7139


 244.3050, -6.0664,
-14.2995


 50.3430, -10.5221,
-31.8728


 50.3430, -10.5221,
-31.8728


 47.6800, -11.6742,
-35.6764


 53.0060, -9.3700,
-28.0693

 45.0170, -12.8264,
-39.4799

 56.0820, -7.9284,
-23.7509

 58.7450, -6.7763,
-19.9474

 61.5220, -5.1873,
-16.2438

 64.1850, -4.0352,
-12.4402

■ 67.2610, -2.5937,
-8.1219

■ 69.9240, -1.4415,
-4.3183

■ 72.7010, 0.1474,
-0.6148

■ 75.6630, 1.1521,
3.8035

Harmonies

Analogous

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



56.6320, -25.4546, -2.3083



50.3430, -10.5221, -31.8728



50.5230, 3.1932, -44.3087

Triad

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



50.3430, -10.5221, -31.8728



53.3680, 31.8636, -46.8037



60.2830, -9.0135, 44.4788

Complementary

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



50.3430, -10.5221, -31.8728



36.6570, 10.5221, 31.8728

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.



61.5890, 3.6536, 41.5794



50.3430, -10.5221, -31.8728



62.7750, 24.7609, -8.5727

Square

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



50.3430, -10.5221, -31.8728



55.0490, 25.6118, -48.2780



64.4540, 15.0592, 23.2808



60.6010, -21.4953, 34.5529

Rectangle

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



50.3430, -10.5221, -31.8728



53.2760, 11.2029, -46.7231



64.4540, 15.0592, 23.2808



60.4340, -4.6510, 45.2234

Sweetspot

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



50.3430, -10.5221, -31.8728



85.4840, -4.1826, -11.8255



61.7890, -23.5600, -3.3230



42.6740, -2.3043, -7.6071



176.0000, 0.0000, 0.0000



48.0000, 0.0000, 0.0000

Same Dimension

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



50.3430, -10.5221, -31.8728



59.0390, -16.2882, -49.1462



53.6490, 2.1450, -34.7722



34.4620, -0.7208, -2.1592



60.9630, -17.7298, -53.4646



139.8610, -40.3575, -122.6581

Inverse Universe

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



36.6570, 10.5221, 31.8728



37.9610, 16.2882, 49.1462



33.3510, -2.1450, 34.7722



33.5380, 0.7208, 2.1592



38.0370, 17.7298, 53.4646



87.1390, 40.3575, 122.6581

Previews

White Background



This preview shows how the YUV color 50.3430, -10.5221, -31.8728 looks on a white background.

Color Contrast Check

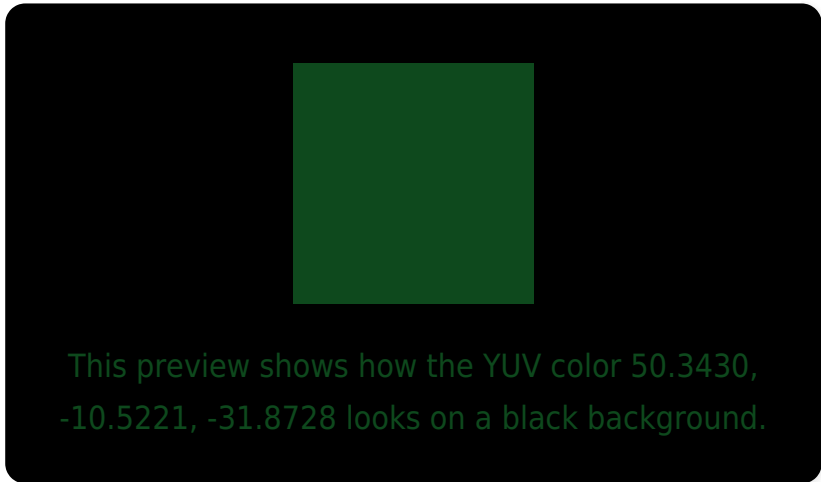
Large Text (above 18pt) WCAG AA ✓ Pass

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 50.3430, -10.5221, -31.8728

Background



This preview shows how black text looks on a background with the YUV color 50.3430, -10.5221, -31.8728.



This preview shows how white text looks on a background with the YUV color 50.3430, -10.5221, -31.8728.

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

50.3430, -10.5221, -31.8728

Protanopia

60.8750, -17.1934, 8.0026

Deuteranopia

62.0050, -14.2995, 13.1506



Tritanopia

57.9200, 7.9274, -22.7318

Trichromacy



Original Color

50.3430, -10.5221, -31.8728

Protanomaly

57.3570, -14.9660, -6.4521

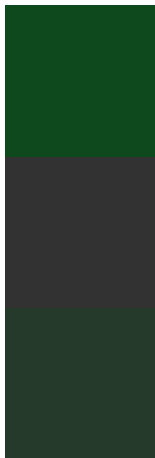
Deuteranomaly

57.9490, -12.7929, -3.4633

Tritanomaly

55.1770, 1.3917, -26.4652

Monochromacy



Original Color

50.3430, -10.5221, -31.8728

Achromatopsia

50.0000, 0.0000, 0.0000

Achromatomaly

49.8970, -3.8932, -11.3107

CSS Examples

Text

The CSS property to change the color of the text to YUV 50.3430, -10.5221, -31.8728 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(14, 73, 29)` looks like.

```
.text, #text, p{  
    color:rgb(14, 73, 29)  
}
```

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(14, 73, 29) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(14, 73, 29) }
```

Border

The CSS property to change the border of an element to YUV 50.3430, -10.5221, -31.8728 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(14, 73, 29) }
```


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

```
.border{ border-color:rgb(14, 73, 29) }
```

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

Here you see how a box with a 4 pixel `rgb(14, 73, 29)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(14, 73, 29); -webkit-box-  
shadow:4px 4px 4px 4px rgb(14, 73, 29);  
box-shadow:4px 4px 4px 4px rgb(14, 73, 29)  
}
```

Background

The CSS property to change the background color of an element to YUV 50.3430, -10.5221, -31.8728 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(14, 73, 29) }
```

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

```
.background{ background-color: rgb(14, 73,  
29) }
```

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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