

Converting Colors

YUV(31.2890, -8.5235, -19.5475)

Have a look what the booklet for
YUV(31.2890, -8.5235, -19.5475)
contains.

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Color

**YUV(31.2890, -8.5235,
-19.5475)**

Conversions

Conversions Part 1

Format	Color
Hex	092E0E
RGB	9, 46, 14
RGB Percent	4%, 18%, 5%
CMY	0.9647, 0.8196, 0.9451
CMYK	0.80, 0.00, 0.70, 0.82
HSL	128°, 67%, 11%
HSV	128°, 80%, 18%
XYZ	1.1689, 2.0438, 0.7483
YIQ	31.2890, -11.7800, -17.7960

Conversions

Conversions Part 2

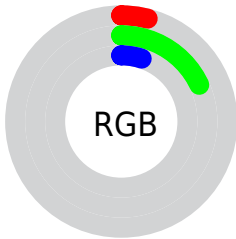
Format	Color
R_YB	9, 42, 46
Decimal	601614
CIE _{Lab}	15.72, -21.29, 16.39
CIE _{LCh}	16, 26.870, 142.409
Yxy	2.0438, 0.2951, 0.5160
Android (android.graphics.Color)	4278791694 (0xFF092E0E)
YUV	31.2890, -8.5235, -19.5475
Hunter-Lab	14.2961, -10.4230, 6.9036

Details

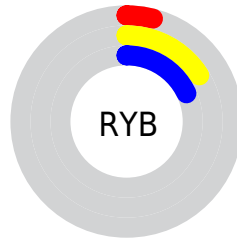
The YUV color **31.2890, -8.5235, -19.5475** is a dark color, and the websafe version is hex **003300**. A complement of this color would be **23.7110, 8.5235, 19.5475**, and the grayscale version is **31.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **77.2460, -9.9813, -18.6327**, and **0.0000, 0.0000, 0.0000** is the 20% darker color. If you saturate the color by 10%, you get **29.3380, -9.5336, -22.2214**, and if you desaturate by 10%, it is **33.2400, -7.5133, -16.8735**.

Distribution



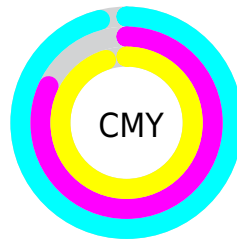
- Red (4%)
- Green (18%)
- Blue (5%)



- Red (4%)
- Yellow (16%)
- Blue (18%)



- Cyan (80%)
- Magenta (0%)
- Yellow (70%)
- Black (82%)



- Cyan (96%)
- Magenta (82%)
- Yellow (95%)

Brightness & Saturation Gradients

These gradients show how the YUV color 31.2890, -8.5235, -19.5475 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 31.2890, -8.5235, -19.5475 by changing the saturation by 10% instead.

■ 31.2890, -8.5235,
-19.5475

■ 31.2890, -8.5235,
-19.5475

■ 248.6910, -4.7777,
-7.6220

■ 15.8490, -7.8136,
-13.8996

■ 77.2460, -9.9813,
-18.6327

■ 0.0000, 0.0000,
0.0000

■ 101.7190,
-10.7075, -19.0476

■ 127.1920,
-11.4337, -19.4624


■ 153.4800,
-11.5756, -20.5920


■ 180.3660,
-12.0124, -20.4920


■ 207.9530,


-12.3018, -21.0068


 236.4260,
-13.0280, -21.4216


 31.2890, -8.5235,
-19.5475


 31.2890, -8.5235,
-19.5475


 29.3380, -9.5336,
-22.2214


 33.2400, -7.5133,
-16.8735

 27.6860, -10.6912,
-24.2806

 34.8920, -6.3558,
-14.8143

 36.8430, -5.3456,
-12.1403

 38.4950, -4.1880,
-10.0811

 40.4460, -3.1779,
-7.4071

■ 42.3970, -2.1677,
-4.7332

■ 44.0490, -1.0102,
-2.6740

■ 46.0000, 0.0000,
0.0000

■ 47.6520, 1.1576,
2.0592

Harmonies

Analogous

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



35.4180, -17.4611, 0.5104



31.2890, -8.5235, -19.5475



32.0520, 0.9604, -28.1096

Triad

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



31.2890, -8.5235, -19.5475



34.0190, 21.1896, -29.8347



37.7050, -5.7706, 30.9537

Complementary

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



31.2890, -8.5235, -19.5475



23.7110, 8.5235, 19.5475

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.



38.6860, 3.1128, 28.3394



31.2890, -8.5235, -19.5475



38.6520, 17.9196, -7.5878

Square

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



31.2890, -8.5235, -19.5475



35.4550, 16.5377, -31.0940



40.6610, 11.0131, 14.3293



37.3270, -15.9372, 25.1462

Rectangle

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



31.2890, -8.5235, -19.5475



33.5340, 6.6387, -29.4093



40.6610, 11.0131, 14.3293



37.2150, -2.5710, 31.3834

Sweetspot

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



31.2890, -8.5235, -19.5475



53.3320, -3.6147, -7.3072



40.2870, -15.4245, 0.6253



27.3970, -2.1677, -4.7332



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.



31.2890, -8.5235, -19.5475



36.2570, -13.4377, -30.0434



33.3410, -0.6611, -21.3471



22.1740, -0.5788, -1.0296



52.4370, -19.9354, -45.9872



128.9240, -49.2625, -113.0663

Inverse Universe

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



23.7110, 8.5235, 19.5475



24.6290, 13.0009, 30.1434



21.6590, 0.6611, 21.3471



21.8260, 0.5788, 1.0296



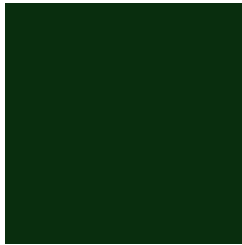
34.5630, 19.9354, 45.9872



85.0760, 49.2625, 113.0663

Previews

White Background



This preview shows how the YUV color 31.2890, -8.5235, -19.5475 looks on a white background.

Color Contrast Check

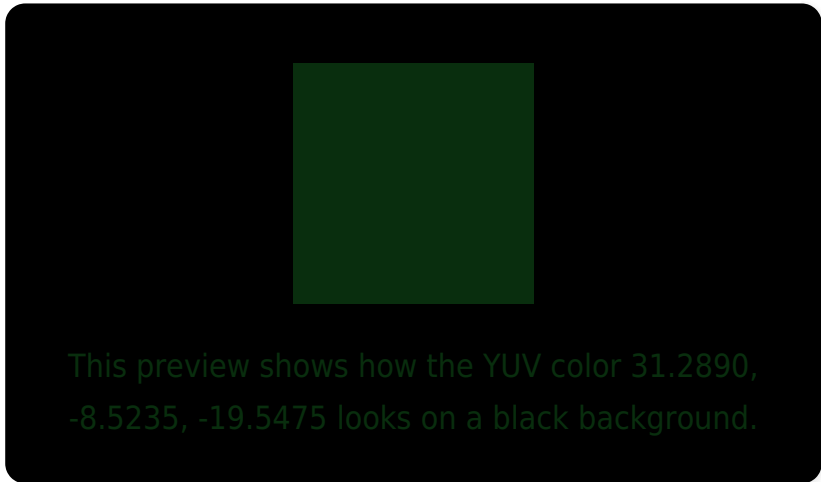
Large Text (above 18pt) WCAG AA ✓ Pass

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

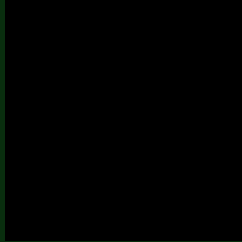
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 31.2890, -8.5235, -19.5475

Background



This preview shows how black text looks on a background with the YUV color 31.2890, -8.5235, -19.5475.



This preview shows how white text looks on a background with the YUV color 31.2890, -8.5235,

-19.5475.

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

31.2890, -8.5235, -19.5475

Protanopia

38.0040, -12.8200, 5.2585

Deuteranopia

38.8950, -10.7942, 8.8621



Tritanopia

36.4650, 4.7008, -14.4398

Trichromacy



Original Color

31.2890, -8.5235, -19.5475

Protanomaly

35.4050, -11.0457, -3.8632

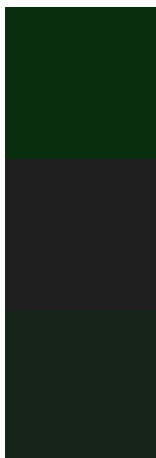
Deuteranomaly

36.0570, -9.8881, -1.8040

Tritanomaly

34.4880, -0.2406, -16.2140

Monochromacy



Original Color

31.2890, -8.5235, -19.5475

Achromatopsia

31.0000, 0.0000, 0.0000

Achromatomaly

30.8590, -2.8885, -6.8923

CSS Examples

Text

The CSS property to change the color of the text to YUV 31.2890, -8.5235, -19.5475 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(9, 46, 14)` looks like.

```
.text, #text, p{  
    color:rgb(9, 46, 14)  
}
```

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(9, 46, 14) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(9, 46, 14) }
```

Border

The CSS property to change the border of an element to YUV 31.2890, -8.5235, -19.5475 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(9, 46, 14) }
```


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

```
.border{ border-color:rgb(9, 46, 14) }
```

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

Here you see how a box with a 4 pixel `rgb(9, 46, 14)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(9, 46, 14); -webkit-box-shadow:4px  
4px 4px 4px rgb(9, 46, 14); box-shadow:4px  
4px 4px 4px rgb(9, 46, 14) }
```

Background

The CSS property to change the background color of an element to YUV 31.2890, -8.5235, -19.5475 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(9, 46, 14) }
```

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

```
.background{ background-color: rgb(9, 46,  
14) }
```

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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