

Converting Colors

YUV(19.4630, -5.6513, -7.4221)

Have a look what the booklet for
YUV(19.4630, -5.6513, -7.4221)
contains.

| | |
|--|----|
| YUV(19.4630, -5.6513, -7.4221) | 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(19.4630, -5.6513,
-7.4221)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|---------------------------|
| Hex | 0B1A08 |
| RGB | 11, 26, 8 |
| RGB Percent | 4%, 10%, 3% |
| CMY | 0.9569, 0.8980, 0.9686 |
| CMYK | 0.58, 0.00, 0.69, 0.90 |
| HSL | 110°, 53%, 7% |
| HSV | 110°, 69%, 10% |
| XYZ | 0.5512, 0.8275, 0.3604 |
| YIQ | 19.4630, -3.1620, -8.7780 |

Conversions

Conversions Part 2

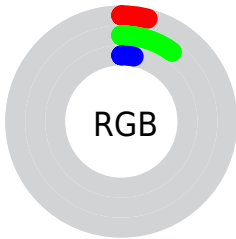
| Format | Color |
|-------------------------------------|---|
| RYB | 8, 26, 23 |
| Decimal | 727560 |
| CIELab | 7.47, -9.64, 7.73 |
| CIELCh | 7, 12.355, 141.258 |
| Yxy | 0.8275, 0.3170, 0.4758 |
| Android (android.graphics.Color) | 4278917640 (0xFF0B1A08) |
| YUV | 19.4630, -5.6513, -7.4221 |
| Hunter-Lab | 9.0965, -5.1021, 4.0186 |

Details

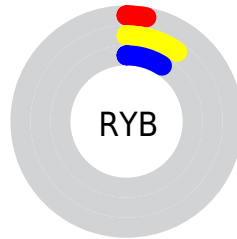
The YUV color **19.4630, -5.6513, -7.4221** is a dark color, and the websafe version is hex **000000**. A complement of this color would be **14.5370, 5.6513, 7.4221**, and the grayscale version is **20.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **62.6910, -4.7777, -7.6220**, and **0.0000, 0.0000, 0.0000** is the 20% darker color. If you saturate the color by 10%, you get **18.5230, -6.6668, -8.3517**, and if you desaturate by 10%, it is **20.4030, -4.6357, -6.4924**.

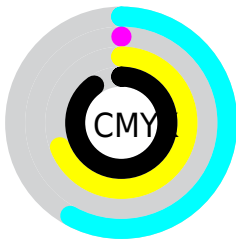
Distribution



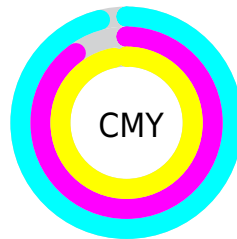
- Red (4%)
- Green (10%)
- Blue (3%)



- Red (3%)
- Yellow (10%)
- Blue (9%)



- Cyan (58%)
- Magenta (0%)
- Yellow (69%)
- Black (90%)



- Cyan (96%)
- Magenta (90%)
- Yellow (97%)

Brightness & Saturation Gradients

These gradients show how the YUV color 19.4630, -5.6513, -7.4221 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 19.4630, -5.6513, -7.4221 by changing the saturation by 10% instead.

■ 19.4630, -5.6513,
-7.4221

■ 19.4630, -5.6513,
-7.4221

■ 245.2240, -6.5194,
-8.9664

■ 0.0000, 0.0000,
0.0000

■ 62.6910, -4.7777,
-7.6220

■ 85.5770, -5.2145,
-7.5220

■ 110.1640, -5.5039,
-8.0368

■ 135.7510, -5.7932,
-8.5516

■ 161.7510, -5.7932,
-8.5516

■ 188.7510, -5.7932,

-8.5516

■ 216.3380, -6.0826,
-9.0664

■ 19.4630, -5.6513,
-7.4221

■ 19.4630, -5.6513,
-7.4221

■ 18.5230, -6.6668,
-8.3517

■ 20.4030, -4.6357,
-6.4924

■ 17.6970, -7.2456,
-9.3813

■ 21.2290, -4.0569,
-5.4628

■ 16.4580, -8.1138,
-10.9257

■ 22.4680, -3.1887,
-3.9184

■ 23.2940, -2.6099,
-2.8888

■ 24.2340, -1.5944,
-1.9592

■ 25.1740, -0.5788,
-1.0296

■ 26.0000, 0.0000,
0.0000

■ 26.9400, 1.0156,
0.9296

■ 28.0650, 1.4470,
2.5740

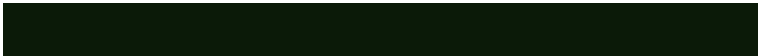
Harmonies

Analogous

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



20.9650, -10.3357, 1.7847



19.4630, -5.6513, -7.4221



18.0150, 0.4856, -15.7992

Triad

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



19.4630, -5.6513, -7.4221



19.6160, 9.0633, -13.6952



22.5780, -3.2430, 13.5251

Complementary

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



19.4630, -5.6513, -7.4221



14.5370, 5.6513, 7.4221

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.



23.0060, 0.9830, 11.3957



19.4630, -5.6513, -7.4221



22.6390, 7.5730, -2.3144

Square

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



19.4630, -5.6513, -7.4221



19.2520, 7.7638, -16.8840



23.2980, 4.7831, 5.8777



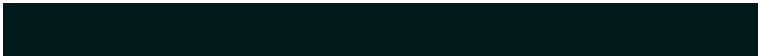
21.7860, -8.7685, 12.4657

Rectangle

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



19.4630, -5.6513, -7.4221



18.6990, 3.1064, -16.3990



23.2980, 4.7831, 5.8777



22.9200, -1.9326, 13.2252

Sweetspot

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



19.4630, -5.6513, -7.4221



30.4080, -2.1731, -2.9888



22.1870, -6.9942, 3.3440



16.2340, -1.5944, -1.9592



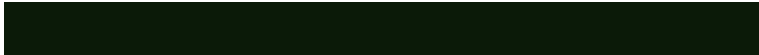
145.0000, 0.0000, 0.0000



18.0000, 0.0000, 0.0000

Same Dimension

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



19.4630, -5.6513, -7.4221



23.0450, -8.4032, -11.4405



19.2500, -2.5882, -9.8663



12.4730, -0.7262, -0.4148



49.0860, -24.1994, -31.6474



129.9140, -64.0476, -84.1166

Inverse Universe

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



14.5370, 5.6513, 7.4221



15.9550, 8.4032, 11.4405



14.7500, 2.5882, 9.8663



11.8260, 0.5788, 1.0296



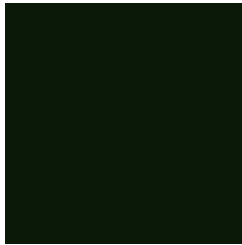
27.9140, 24.1994, 31.6474



74.0860, 64.0476, 84.1166

Previews

White Background



This preview shows how the YUV color 19.4630, -5.6513, -7.4221 looks on a white background.

Color Contrast Check

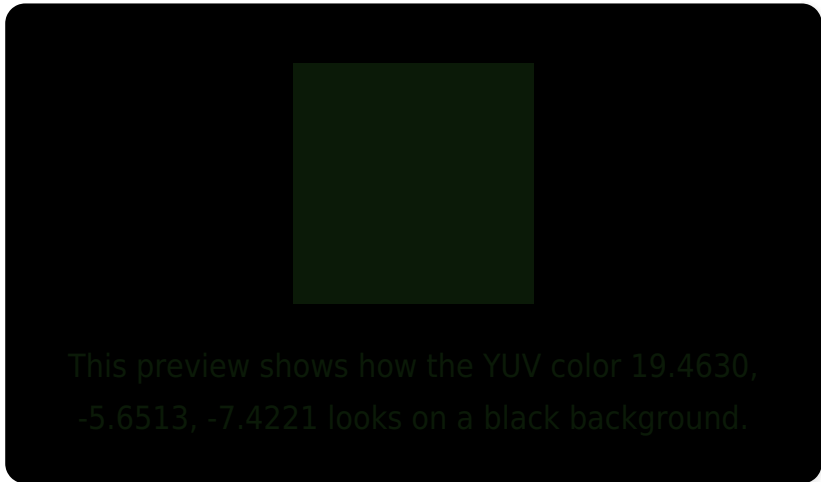
Large Text (above 18pt) WCAG AA ✓ Pass

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

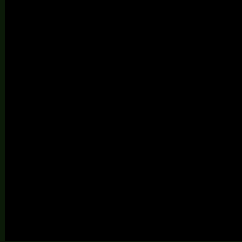
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 19.4630, -5.6513, -7.4221

Background



This preview shows how black text looks on a background with the YUV color 19.4630, -5.6513, -7.4221.



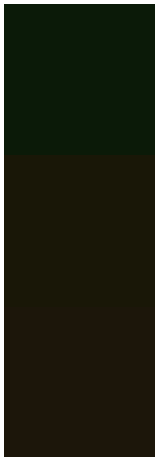
This preview shows how white text looks on a background with the YUV color 19.4630, -5.6513,

-7.4221.

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

19.4630, -5.6513, -7.4221

Protanopia

21.7740, -7.2836, 2.8292

Deuteranopia

22.4260, -6.1260, 4.8884



Tritanopia

21.5370, 2.2003, -5.7329

Trichromacy



Original Color

19.4630, -5.6513, -7.4221

Protanomaly

20.8660, -6.8359, -0.7595

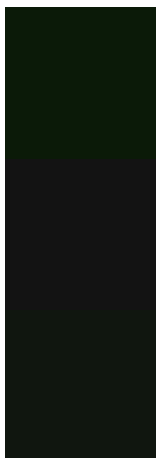
Deuteranomaly

21.1050, -5.9678, 0.7849

Tritanomaly

21.0270, -0.9993, -6.1627

Monochromacy



Original Color

19.4630, -5.6513, -7.4221

Achromatopsia

19.0000, 0.0000, 0.0000

Achromatomaly

19.4080, -2.1731, -2.9888

CSS Examples

Text

The CSS property to change the color of the text to YUV 19.4630, -5.6513, -7.4221 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(11, 26, 8)` looks like.

```
.text, #text, p{  
    color:rgb(11, 26, 8)  
}
```

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(11, 26, 8) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(11, 26, 8) }
```

Border

The CSS property to change the border of an element to YUV 19.4630, -5.6513, -7.4221 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(11, 26, 8) }
```


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

```
.border{ border-color:rgb(11, 26, 8) }
```

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

Here you see how a box with a 4 pixel rgb(11, 26, 8) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(11, 26, 8); -webkit-box-shadow:4px  
4px 4px 4px rgb(11, 26, 8); box-shadow:4px  
4px 4px 4px rgb(11, 26, 8) }
```

Background

The CSS property to change the background color of an element to YUV 19.4630, -5.6513, -7.4221 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(11, 26, 8) }
```

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

```
.background{ background-color: rgb(11, 26,  
8) }
```

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