

Converting Colors

YUV(77.8180, -21.1093,
-42.8134)

Have a look what the booklet for
YUV(77.8180, -21.1093, -42.8134)
contains.

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Color

**YUV(77.8180, -21.1093,
-42.8134)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|-----------------------------|
| Hex | 1D6F23 |
| RGB | 29, 111, 35 |
| RGB Percent | 11%, 44%, 14% |
| CMY | 0.8863, 0.5647, 0.8627 |
| CMYK | 0.74, 0.00, 0.68, 0.56 |
| HSL | 124°, 59%, 27% |
| HSV | 124°, 74%, 44% |
| XYZ | 6.4945, 11.7514, 3.5161 |
| YIQ | 77.8180, -24.4760, -41.0200 |

Conversions

Conversions Part 2

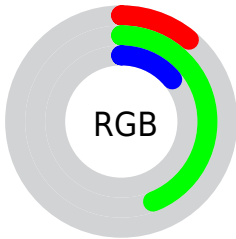
| Format | Color |
|-------------------------------------|--------------------------------|
| R_{YB} | 29, 105, 111 |
| Decimal | 1928995 |
| CIE _{Lab} | 40.82, -40.49, 34.27 |
| CIE _{LCh} | 41, 53.052, 139.756 |
| Yxy | 11.7514, 0.2984, 0.5400 |
| Android (android.graphics.Color) | 4280119075 (0xFF1D6F23) |
| YUV | 77.8180, -21.1093, -42.8134 |
| Hunter-Lab | 34.2804, -26.1734, 17.9150 |

Details

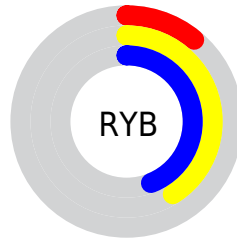
The YUV color **77.8180, -21.1093, -42.8134** is a dark color, and the websafe version is hex **006600**. A complement of this color would be **62.1820, 21.1093, 42.8134**, and the grayscale version is **78.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **131.7430, -24.0303, -39.2396**, and **36.3940, -17.9422, -31.9175** is the 20% darker color. If you saturate the color by 10%, you get **73.3890, -23.8558, -48.5762**, and if you desaturate by 10%, it is **82.2470, -18.3628, -37.0506**.

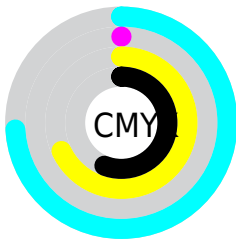
Distribution



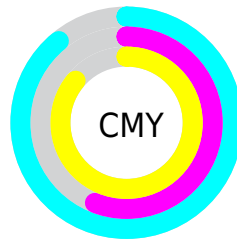
- Red (11%)
- Green (44%)
- Blue (14%)



- Red (11%)
- Yellow (41%)
- Blue (44%)



- Cyan (74%)
- Magenta (0%)
- Yellow (68%)
- Black (56%)



- Cyan (89%)
- Magenta (56%)
- Yellow (86%)

Brightness & Saturation Gradients

These gradients show how the YUV color 77.8180, -21.1093, -42.8134 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 77.8180, -21.1093, -42.8134 by changing the saturation by 10% instead.

■ 77.8180, -21.1093,
-42.8134

■ 77.8180, -21.1093,
-42.8134

255.0000, 0.0000,
0.0000

■ 51.5080, -20.9564,
-45.1725

■ 131.7430,
-24.0303, -39.2396

■ 36.3940, -17.9422,
-31.9175

■ 158.5150,
-24.9039, -39.0397

■ 24.0670, -11.8650,
-21.1068

■ 185.9880,
-25.6301, -39.4545

■ 3.5220, -1.7363,
-3.0888

■ 214.4610,
-26.3563, -39.8693

■ 0.0000, 0.0000,
0.0000

■ 230.0200,
-20.7159, -28.9585

■ 241.8830,

-12.7603, -13.9294

253.8600, -4.3680,
0.9998

77.8180, -21.1093,
-42.8134

77.8180, -21.1093,
-42.8134

73.3890, -23.8558,
-48.5762

82.2470, -18.3628,
-37.0506

68.8460, -27.0391,
-54.2389

86.7900, -15.1795,
-31.3878

66.0690, -28.6280,
-57.9425

91.2190, -12.4330,
-25.6251

95.6480, -9.6865,
-19.8623

100.3760, -7.0874,
-13.4848

■ 104.9190, -3.9041,
-7.8220

■ 109.3480, -1.1576,
-2.0592

■ 113.7770, 1.5889,
3.7036

■ 118.3200, 4.7722,
9.3664

Harmonies

Analogous

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



87.0720, -42.9265, 1.6909



77.8180, -21.1093, -42.8134



76.5110, 1.2271, -67.1001

Triad

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



77.8180, -21.1093, -42.8134



82.9700, 48.8218, -72.7647



90.2310, -9.9739, 72.5884

Complementary

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



77.8180, -21.1093, -42.8134



62.1820, 21.1093, 42.8134

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.



93.0400, 9.8403, 63.9859



77.8180, -21.1093, -42.8134



92.0620, 42.8604, -27.2414

Square

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



77.8180, -21.1093, -42.8134



84.7990, 38.0601, -74.3687



98.8860, 26.6782, 29.9180



91.6380, -30.8805, 58.1995

Rectangle

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



77.8180, -21.1093, -42.8134



80.6320, 14.4784, -70.7143



98.8860, 26.6782, 29.9180



90.0660, -2.9905, 72.7331

Sweetspot

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



77.8180, -21.1093, -42.8134



132.1260, -7.9501, -16.7735



100.1570, -35.0804, 5.1243



66.2670, -5.0616, -9.8812



201.0000, 0.0000, 0.0000



74.0000, 0.0000, 0.0000

Same Dimension

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



77.8180, -21.1093, -42.8134



92.7490, -33.4003, -67.3089



82.3780, -3.6374, -46.8125



53.6360, -1.2995, -3.1888



71.4660, -30.7957, -62.6757



147.0410, -63.6172, -128.9550

Inverse Universe

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



62.1820, 21.1093, 42.8134



68.2510, 33.4003, 67.3089



57.6220, 3.6374, 46.8125



52.4780, 1.7363, 3.0888



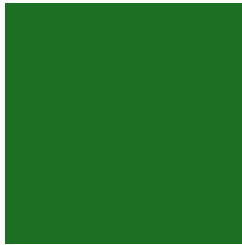
48.5340, 30.7957, 62.6757



99.9590, 63.6172, 128.9550

Previews

White Background



This preview shows how the YUV color 77.8180, -21.1093, -42.8134 looks on a white background.

Color Contrast Check

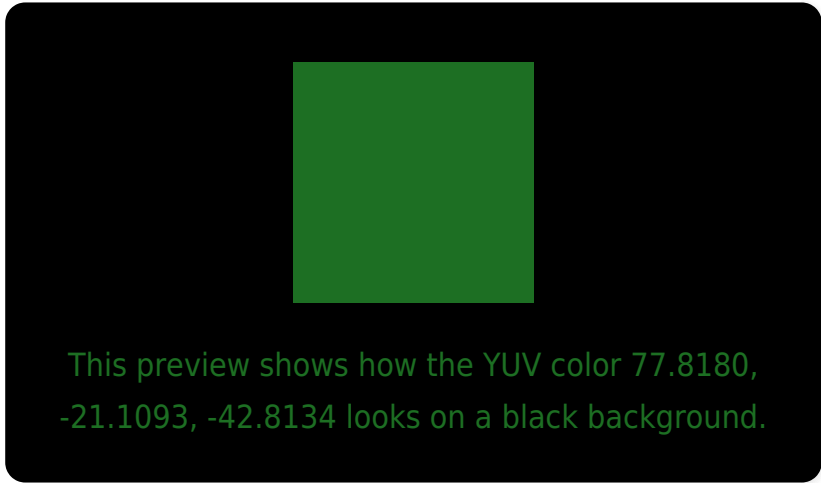
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

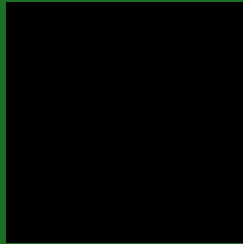
Any Text WCAG AA × Fail

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 77.8180, -21.1093, -42.8134 Background



This preview shows how black text looks on a background with the YUV color 77.8180, -21.1093, -42.8134.



This preview shows how white text looks on a background with the YUV color 77.8180, -21.1093, -42.8134.

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

77.8180, -21.1093, -42.8134

Protanopia

91.8790, -30.0133, 13.2611

Deuteranopia

93.7860, -25.5305, 22.1127



Tritanopia

89.3640, 11.1595, -32.7682

Trichromacy



Original Color

77.8180, -21.1093, -42.8134

Protanomaly

86.5560, -26.8961, -6.6266

Deuteranomaly

87.6860, -24.0022, -1.4786

Tritanomaly

85.5410, -0.7597, -36.4315

Monochromacy



Original Color

77.8180, -21.1093, -42.8134

Achromatopsia

78.0000, 0.0000, 0.0000

Achromatomaly

77.8380, -7.8081, -15.6439

CSS Examples

Text

The CSS property to change the color of the text to YUV 77.8180, -21.1093, -42.8134 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(29, 111, 35)` looks like.

```
.text, #text, p{  
    color:rgb(29, 111, 35)  
}
```

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(29, 111, 35) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(29, 111, 35) }
```

Border

The CSS property to change the border of an element to YUV 77.8180, -21.1093, -42.8134 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(29, 111, 35) }
```


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

```
.border{ border-color:rgb(29, 111, 35) }
```

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

Here you see how a box with a 4 pixel `rgb(29, 111, 35)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(29, 111, 35); -webkit-box-  
shadow:4px 4px 4px 4px rgb(29, 111, 35);  
box-shadow:4px 4px 4px 4px rgb(29, 111,  
35) }
```

Background

The CSS property to change the background color of an element to YUV 77.8180, -21.1093, -42.8134 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(29, 111, 35) }
```

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

```
.background{ background-color: rgb(29, 111,  
35) }
```

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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