

Converting Colors

YUV(78.4300, 31.3400,
-18.7941)

Have a look what the booklet for
YUV(78.4300, 31.3400, -18.7941)
contains.

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Color

**YUV(78.4300, 31.3400,
-18.7941)**

Conversions

Conversions Part 1

Format	Color
Hex	394D8E
RGB	57, 77, 142
RGB Percent	22%, 30%, 56%
CMY	0.7765, 0.6980, 0.4431
CMYK	0.60, 0.46, 0.00, 0.44
HSL	226°, 43%, 39%
HSV	226°, 60%, 56%
XYZ	9.2237, 8.1306, 26.6744
YIQ	78.4300, -32.7850, 15.9750

Conversions

Conversions Part 2

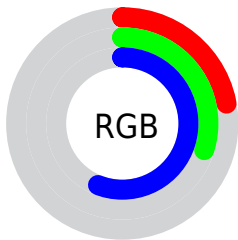
Format	Color
RYB	57, 73, 142
Decimal	3755406
CIELab	34.25, 13.16, -38.50
CIElCh	34, 40.687, 288.871
Yxy	8.1306, 0.2095, 0.1847
Android (android.graphics.Color)	4281945486 (0xFF394D8E)
YUV	78.4300, 31.3400, -18.7941
Hunter-Lab	28.5142, 7.8408, -35.5045

Details

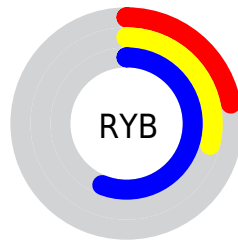
The YUV color **78.4300, 31.3400, -18.7941** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **120.5700, -31.3400, 18.7941**, and the grayscale version is **78.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **129.4950, 32.7870, -16.2201**, and **30.3320, 29.9093, -26.6012** is the 20% darker color. If you saturate the color by 10%, you get **67.7870, 36.5870, -21.7382**, and if you desaturate by 10%, it is **89.0730, 26.0930, -15.8500**.

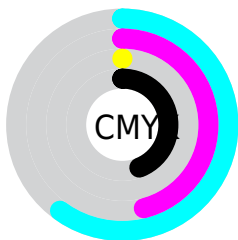
Distribution



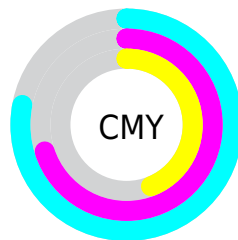
- Red (22%)
- Green (30%)
- Blue (56%)



- Red (22%)
- Yellow (29%)
- Blue (56%)



- Cyan (60%)
- Magenta (46%)
- Yellow (0%)
- Black (44%)



- Cyan (78%)
- Magenta (70%)
- Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the YUV color 78.4300, 31.3400, -18.7941 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 78.4300, 31.3400, -18.7941 by changing the saturation by 10% instead.

■ 78.4300, 31.3400,
-18.7941

■ 78.4300, 31.3400,
-18.7941

255.0000, 0.0000,
0.0000

■ 53.5820, 30.7721,
-23.3124

■ 129.4950, 32.7870,
-16.2201

■ 30.3320, 29.9093,
-26.6012

■ 155.7340, 33.6551,
-14.6757

■ 14.6820, 25.7928,
-12.8761

■ 182.9620, 34.5287,
-14.8757

■ 6.7770, 18.3509,
-5.9434

■ 207.4110, 23.4614,
-11.7614

■ 3.2090, 9.7570,
-2.8143

■ 233.1050, 10.7942,
-8.8621

■ 0.0000, 0.0000,
0.0000

254.4020, 0.2948,

-1.2296

■ 78.4300, 31.3400,
-18.7941

■ 78.4300, 31.3400,
-18.7941

■ 67.7870, 36.5870,
-21.7382

■ 89.0730, 26.0930,
-15.8500

■ 57.1440, 41.8340,
-24.6823

■ 99.7160, 20.8460,
-12.9059

■ 46.2020, 47.2284,
-28.2412

■ 110.6580, 15.4516,
-9.3471

■ 36.1460, 52.1860,
-31.7000

■ 120.7140, 10.4940,
-5.8882

■ 35.5590, 52.4754,
-31.1852

■ 131.3570, 5.2470,
-2.9441

■ 142.0000, 0.0000,
0.0000

■ 152.6430, -5.2470,
2.9441

■ 163.5850,
-10.6414, 6.5030

■ 174.2280,
-15.8884, 9.4470

Harmonies

Analogous

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



68.0720, 37.4325, -59.6991



78.4300, 31.3400, -18.7941



83.2950, 19.5746, 21.6663

Triad

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



78.4300, 31.3400, -18.7941



78.0260, -22.6908, 44.7042



63.4030, 1.7733, -55.6044

Complementary

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



78.4300, 31.3400, -18.7941



120.5700, -31.3400, 18.7941

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.



69.0570, -16.7901, -28.1140



78.4300, 31.3400, -18.7941



77.0440, -33.5457, 26.2714

Square

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



78.4300, 31.3400, -18.7941



77.9790, -7.8776, 53.5154



74.0580, -31.5806, 2.5801



67.8660, 16.3351, -59.5185

Rectangle

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



78.4300, 31.3400, -18.7941



81.6410, 11.5160, 39.7798



74.0580, -31.5806, 2.5801



61.5620, -2.7421, -53.9899

Sweetspot

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



78.4300, 31.3400, -18.7941



158.8710, 12.3886, -6.9029



114.1910, 3.3568, -50.1565



76.6280, 7.5784, -4.0588



219.0000, 0.0000, 0.0000



92.0000, 0.0000, 0.0000

Same Dimension

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



78.4300, 31.3400, -18.7941



84.9460, 48.8336, -29.7706



72.9690, 34.0323, 4.4122



65.9720, 2.4788, -1.7294



34.1740, 49.7072, -29.9706



2.0860, 2.9156, -1.8294

Inverse Universe

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



84.6950, -3.7936, 50.2565



94.4150, -5.6276, 78.5660



126.0310, -34.0323, -4.4122



66.3210, -0.1583, 4.1035



44.0130, -5.9224, 79.7956



2.6200, -0.3057, 4.7183

Previews

White Background



This preview shows how the YUV color 78.4300, 31.3400, -18.7941 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



This preview shows how the YUV color 78.4300, 31.3400, -18.7941 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

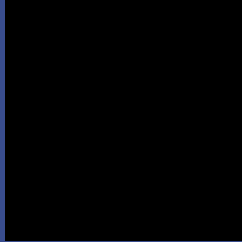
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 78.4300, 31.3400, -18.7941

Background



This preview shows how black text looks on a background with the YUV color 78.4300, 31.3400, -18.7941.



This preview shows how white text looks on a background with the YUV color 78.4300, 31.3400,

-18.7941.

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

78.4300, 31.3400, -18.7941

Protanopia

77.0380, 32.5193, -23.7123

Deuteranopia

72.2920, 33.8730, -37.9671



Tritanopia

73.2500, 10.7227, -32.6683

Trichromacy



Original Color

78.4300, 31.3400, -18.7941

Protanomaly

77.9350, 32.0770, -21.8680

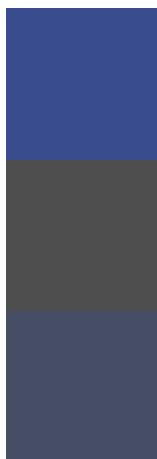
Deuteranomaly

74.6950, 32.6884, -31.3045

Tritanomaly

75.2320, 18.1266, -27.3905

Monochromacy



Original Color

78.4300, 31.3400, -18.7941

Achromatopsia

78.0000, 0.0000, 0.0000

Achromatomaly

78.2300, 11.2256, -7.2177

CSS Examples

Text

The CSS property to change the color of the text to YUV 78.4300, 31.3400, -18.7941 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(57, 77, 142)` looks like.

```
.text, #text, p{  
    color:rgb(57, 77, 142)  
}
```

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(57, 77, 142) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(57, 77, 142) }
```

Border

The CSS property to change the border of an element to YUV 78.4300, 31.3400, -18.7941 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(57, 77, 142) }
```


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

```
.border{ border-color:rgb(57, 77, 142) }
```

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

Here you see how a box with a 4 pixel `rgb(57, 77, 142)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(57, 77, 142); -webkit-box-  
shadow:4px 4px 4px 4px rgb(57, 77, 142);  
box-shadow:4px 4px 4px 4px rgb(57, 77,  
142) }
```

Background

The CSS property to change the background color of an element to YUV 78.4300, 31.3400, -18.7941 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(57, 77, 142) }
```

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

```
.background{ background-color: rgb(57, 77,  
142) }
```

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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