

Converting Colors

YUV(31.5690, 7.1145, 4.7630)

Have a look what the booklet for
YUV(31.5690, 7.1145, 4.7630)
contains.

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Color

**YUV(31.5690, 7.1145,
4.7630)**

Conversions

Conversions Part 1

Format	Color
Hex	251A2E
RGB	37, 26, 46
RGB Percent	15%, 10%, 18%
CMY	0.8549, 0.8980, 0.8196
CMYK	0.20, 0.43, 0.00, 0.82
HSL	273°, 28%, 14%
HSV	273°, 43%, 18%
XYZ	1.6255, 1.3294, 2.7557
YIQ	31.5690, 0.1360, 8.5520

Conversions

Conversions Part 2

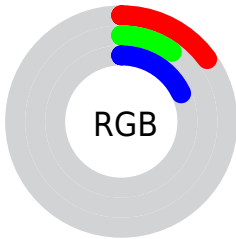
Format	Color
RYB	37, 26, 46
Decimal	2431534
CIELab	11.48, 10.38, -11.34
CIELCh	11, 15.372, 312.451
Yxy	1.3294, 0.2846, 0.2328
Android (android.graphics.Color)	4280621614 (0xFF251A2E)
YUV	31.5690, 7.1145, 4.7630
Hunter-Lab	11.5298, 4.9880, -6.0998

Details

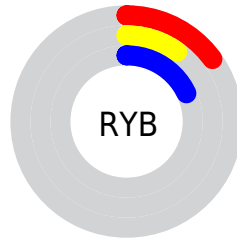
The YUV color **31.5690, 7.1145, 4.7630** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **40.4310, -7.1145, -4.7630**, and the grayscale version is **31.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **75.5090, 8.1301, 5.6926**, and **0.0000, 0.0000, 0.0000** is the 20% darker color. If you saturate the color by 10%, you get **28.0360, 8.8563, 6.1074**, and if you desaturate by 10%, it is **35.1020, 5.3727, 3.4185**.

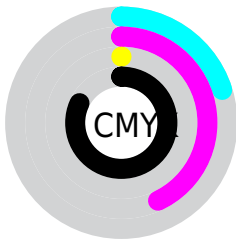
Distribution



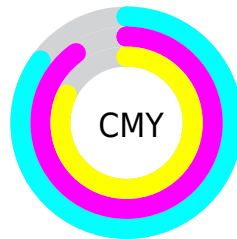
- Red (15%)
- Green (10%)
- Blue (18%)



- Red (15%)
- Yellow (10%)
- Blue (18%)



- Cyan (20%)
- Magenta (43%)
- Yellow (0%)
- Black (82%)



- Cyan (85%)
- Magenta (90%)
- Yellow (82%)

Brightness & Saturation Gradients

These gradients show how the YUV color 31.5690, 7.1145, 4.7630 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 31.5690, 7.1145, 4.7630 by changing the saturation by 10% instead.

■ 31.5690, 7.1145,
4.7630

■ 31.5690, 7.1145,
4.7630

■ 254.4130, 0.2894,
0.5148

■ 8.3460, 8.7034,
8.4666

■ 75.5090, 8.1301,
5.6926

■ 0.0000, 0.0000,
0.0000

■ 99.6230, 8.5669,
5.5926

■ 124.9220, 8.4195,
6.2074

■ 150.4490, 9.1456,
6.6222

■ 177.4490, 9.1456,
6.6222

■ 204.8620, 9.4350,

7.1370

■ 232.8620, 9.4350,
7.1370

■ 31.5690, 7.1145,
4.7630

■ 31.5690, 7.1145,
4.7630

■ 28.0360, 8.8563,
6.1074

■ 35.1020, 5.3727,
3.4185

■ 25.0900, 10.3086,
6.9371

■ 38.0480, 3.9203,
2.5889

■ 21.5570, 12.0504,
8.2815

■ 41.5810, 2.1786,
1.2445

■ 18.6110, 13.5028,
9.1112

■ 44.5270, 0.7262,
0.4148

■ 15.0780, 15.2445,
10.4556

■ 48.0600, -1.0156,
-0.9296

■ 12.7190, 16.4075,
10.7704

■ 51.5930, -2.7573,
-2.2741

■ 54.5390, -4.2097,
-3.1037

■ 58.3710, -6.0989,
-3.8334

■ 61.3170, -7.5513,
-4.6630

Harmonies

Analogous

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



29.7030, 10.4994, -7.6325



31.5690, 7.1145, 4.7630



31.7720, 2.5774, 13.3550

Triad

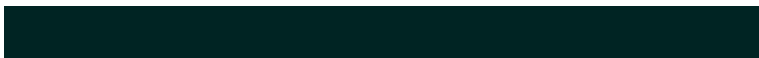
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



31.5690, 7.1145, 4.7630



29.9770, -11.8207, 11.4212



25.1220, 4.8699, -22.0320

Complementary

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



31.5690, 7.1145, 4.7630



40.4310, -7.1145, -4.7630

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.



25.0750, -0.5300, -16.7288



31.5690, 7.1145, 4.7630



28.6340, -11.6516, 3.8290

Square

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



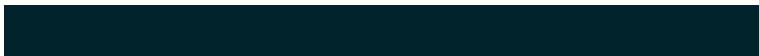
31.5690, 7.1145, 4.7630



30.5630, -7.1796, 16.1692



27.7190, -7.2565, -5.8926



25.5610, 9.0904, -22.4170

Rectangle

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



31.5690, 7.1145, 4.7630



31.2840, -0.6330, 16.4139



27.7190, -7.2565, -5.8926



24.6660, 3.1227, -21.6321

Sweetspot

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



31.5690, 7.1145, 4.7630



53.1080, 2.9048, 1.6593



33.5630, 6.1314, -6.6328



27.1680, 1.8892, 0.7297



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.



31.5690, 7.1145, 4.7630



36.6170, 11.0348, 7.3519



34.1460, 5.3510, 10.3960



21.5270, 0.7262, 0.4148



24.2700, 30.9259, 20.8112



59.6780, 76.0807, 51.1484

Inverse Universe

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



33.0060, 0.9830, 11.3957



38.8650, 1.5456, 17.6584



37.8540, -5.3510, -10.3960



21.7120, 0.1420, 1.1296



30.4590, 4.2107, 49.5865



74.9300, 10.3875, 121.9644

Previews

White Background



This preview shows how the YUV color 31.5690, 7.1145, 4.7630 looks on a white background.

Color Contrast Check

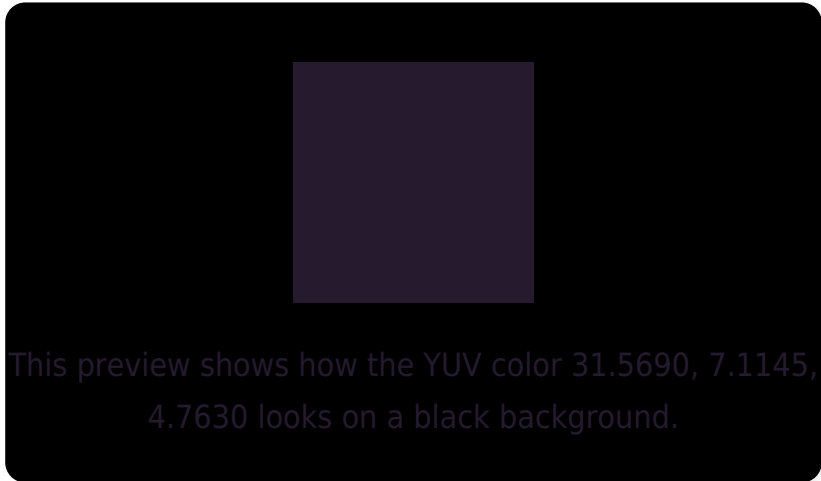
Large Text (above 18pt) WCAG AA ✓ Pass

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

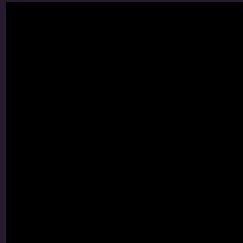
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 31.5690, 7.1145, 4.7630

Background



This preview shows how black text looks on a background with the YUV color 31.5690, 7.1145, 4.7630.



This preview shows how white text looks on a background with the YUV color 31.5690, 7.1145,

4.7630.

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

31.5690, 7.1145, 4.7630

Protanopia

30.1870, 9.7678, -6.3030

Deuteranopia

30.2150, 7.2890, -4.5736



Tritanopia

31.1360, 0.4260, 3.3887

Trichromacy



Original Color

31.5690, 7.1145, 4.7630

Protanomaly

30.9810, 8.8834, -2.6143

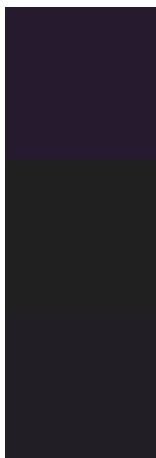
Deuteranomaly

30.8240, 6.9888, -1.5996

Tritanomaly

31.4180, 2.7519, 4.0184

Monochromacy



Original Color

31.5690, 7.1145, 4.7630

Achromatopsia

32.0000, 0.0000, 0.0000

Achromatomaly

31.9940, 2.4680, 1.7593

CSS Examples

Text

The CSS property to change the color of the text to YUV 31.5690, 7.1145, 4.7630 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(37, 26, 46)` looks like.

```
.text, #text, p{  
    color:rgb(37, 26, 46)  
}
```

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(37, 26, 46) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(37, 26, 46) }
```

Border

The CSS property to change the border of an element to YUV 31.5690, 7.1145, 4.7630 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(37, 26, 46) }
```


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

```
.border{ border-color:rgb(37, 26, 46) }
```

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

Here you see how a box with a 4 pixel `rgb(37, 26, 46)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(37, 26, 46); -webkit-box-  
shadow:4px 4px 4px 4px rgb(37, 26, 46);  
box-shadow:4px 4px 4px 4px rgb(37, 26, 46)  
}
```

Background

The CSS property to change the background color of an element to YUV 31.5690, 7.1145, 4.7630 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(37, 26, 46) }
```

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

```
.background{ background-color: rgb(37, 26,  
46) }
```

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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