

Converting Colors

YUV(31.5690, 30.7785, 21.4260)

Have a look what the booklet for
YUV(31.5690, 30.7785, 21.4260)
contains.

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Color

**YUV(31.5690, 30.7785,
21.4260)**

Conversions

Conversions Part 1

Format	Color
Hex	38075E
RGB	56, 7, 94
RGB Percent	22%, 3%, 37%
CMY	0.7804, 0.9725, 0.6314
CMYK	0.40, 0.93, 0.00, 0.63
HSL	274°, 86%, 20%
HSV	274°, 93%, 37%
XYZ	3.7272, 1.8009, 10.7408
YIQ	31.5690, 1.2770, 37.4450

Conversions

Conversions Part 2

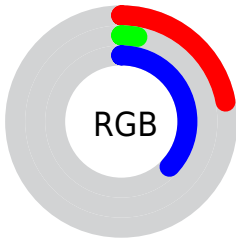
Format	Color
R_{YB}	56, 7, 94
Decimal	3671902
CIE _{Lab}	14.41, 38.81, -39.99
CIE _{LCh}	14, 55.727, 314.146
Yxy	1.8009, 0.2291, 0.1107
Android (android.graphics.Color)	4281861982 (0xFF38075E)
YUV	31.5690, 30.7785, 21.4260
Hunter-Lab	13.4196, 26.0933, -38.0609

Details

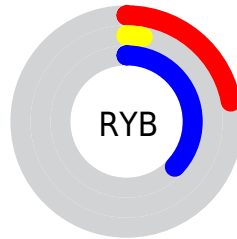
The YUV color **31.5690, 30.7785, 21.4260** is a dark color, and the websafe version is hex **330066**. A complement of this color would be **69.4310, -30.7785, -21.4260**, and the grayscale version is **31.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **82.8680, 30.6311, 22.0408**, and **5.3580, 20.5295, -4.6990** is the 20% darker color. If you saturate the color by 10%, you get **26.5630, 33.2464, 23.1852**, and if you desaturate by 10%, it is **38.0480, 27.5843, 19.2519**.

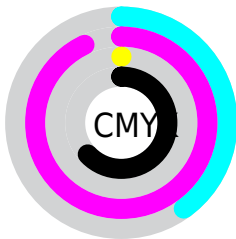
Distribution



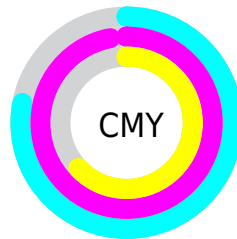
- Red (22%)
- Green (3%)
- Blue (37%)



- Red (22%)
- Yellow (3%)
- Blue (37%)



- Cyan (40%)
- Magenta (93%)
- Yellow (0%)
- Black (63%)



- Cyan (78%)
- Magenta (97%)
- Yellow (63%)

Brightness & Saturation Gradients

These gradients show how the YUV color 31.5690, 30.7785, 21.4260 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, 30.7785, 21.4260 by changing the saturation by 10% instead.

■ 31.5690, 30.7785,
21.4260

■ 31.5690, 30.7785,
21.4260

■ 248.5430, 3.1833,
5.6628

■ 17.2490, 26.0062,
12.0596

■ 82.8680, 30.6311,
22.0408

■ 5.3580, 20.5295,
-4.6990

■ 107.8080, 31.6467,
22.9704

■ 3.4370, 10.6306,
-3.0142

■ 134.0470, 32.5148,
24.5148


■ 0.0000, 0.0000,
0.0000


■ 160.5740, 33.2410,
24.9296

■ 188.1720, 32.9462,
26.1592


■ 212.6920, 20.8578,


30.0881


 231.5200, 11.5756,
20.5920


 31.5690, 30.7785,
21.4260


 31.5690, 30.7785,
21.4260


 26.5630, 33.2464,
23.1852

 38.0480, 27.5843,
19.2519

 45.1140, 24.1008,
16.5630

 51.5930, 20.9067,
14.3889

 58.6590, 17.4231,
11.7001

 65.4370, 14.0816,
10.1408

■ 71.9160, 10.8874,
7.9667

■ 78.9820, 7.4039,
5.2778

■ 85.4610, 4.2097,
3.1037

■ 92.5270, 0.7262,
0.4148

Harmonies

Analogous

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



34.8290, 39.5243, -30.5450



31.5690, 30.7785, 21.4260



34.2340, 12.2096, 50.6608

Triad

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



31.5690, 30.7785, 21.4260



34.6860, -17.1002, 24.8314



36.2070, 9.2649, -31.7535

Complementary

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



31.5690, 30.7785, 21.4260



69.4310, -30.7785, -21.4260

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.



30.7180, -9.2280, -26.9397



31.5690, 30.7785, 21.4260



32.7380, -16.1398, -3.2782

Square

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



31.5690, 30.7785, 21.4260



26.0130, -12.8244, 53.4856



27.5890, -13.6014, -24.1956



40.4250, 25.4265, -35.4527

Rectangle

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



31.5690, 30.7785, 21.4260



33.3630, -0.1790, 57.5636



27.5890, -13.6014, -24.1956



34.6110, 3.1498, -30.3538

Sweetspot

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



31.5690, 30.7785, 21.4260



97.5570, 12.0504, 8.2815



39.8110, 26.7152, -28.7752



45.9820, 7.4039, 5.2778



189.0000, 0.0000, 0.0000



61.0000, 0.0000, 0.0000

Same Dimension

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



31.5690, 30.7785, 21.4260



34.5390, 43.1183, 30.2223



42.4750, 23.4298, 45.1874



42.4670, 1.7418, 1.3444



31.0780, 38.9085, 27.1186



67.0840, 83.7686, 58.6853

Inverse Universe

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



37.3450, 3.7739, 49.6864



42.5200, 5.1666, 69.7040



58.5250, -23.4298, -45.1874



42.7230, 0.1366, 2.8739



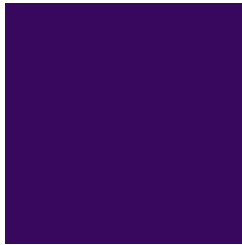
38.3620, 4.7515, 62.8265



82.7190, 10.4915, 135.3044

Previews

White Background



This preview shows how the YUV color 31.5690, 30.7785, 21.4260 looks on a white background.

Color Contrast Check

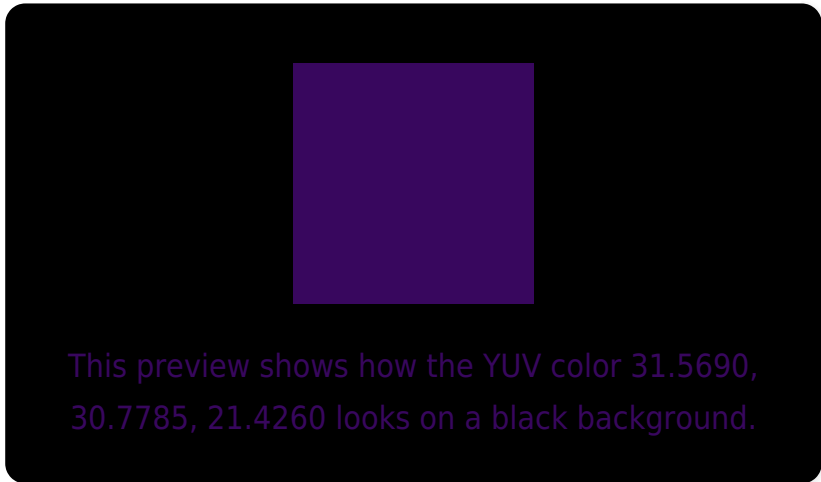
Large Text (above 18pt) WCAG AA ✓ Pass

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

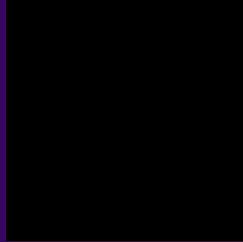
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 31.5690, 30.7785, 21.4260

Background



This preview shows how black text looks on a background with the YUV color 31.5690, 30.7785, 21.4260.



This preview shows how white text looks on a background with the YUV color 31.5690, 30.7785,

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, 30.7785, 21.4260

Protanopia

31.4260, 23.9470, -27.5606

Deuteranopia

31.2320, 18.1266, -27.3905



Tritanopia

39.4350, 0.2785, 4.0035

Trichromacy



Original Color

31.5690, 30.7785, 21.4260

Protanomaly

31.5190, 26.3661, -10.1022

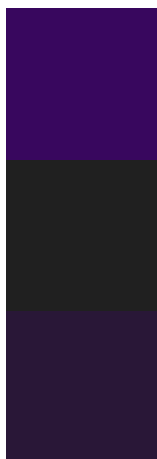
Deuteranomaly

31.1940, 22.5824, -9.8171

Tritanomaly

36.4540, 11.6082, 10.1258

Monochromacy



Original Color

31.5690, 30.7785, 21.4260

Achromatopsia

32.0000, 0.0000, 0.0000

Achromatomaly

32.0300, 11.3242, 7.8667

CSS Examples

Text

The CSS property to change the color of the text to YUV 31.5690, 30.7785, 21.4260 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(56, 7, 94)` looks like.

```
.text, #text, p{  
    color:rgb(56, 7, 94)  
}
```

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(56, 7, 94) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(56, 7, 94) }
```

Border

The CSS property to change the border of an element to YUV 31.5690, 30.7785, 21.4260 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(56, 7, 94) }
```


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

```
.border{ border-color:rgb(56, 7, 94) }
```

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

Here you see how a box with a 4 pixel `rgb(56, 7, 94)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(56, 7, 94); -webkit-box-shadow:4px  
4px 4px 4px rgb(56, 7, 94); box-shadow:4px  
4px 4px 4px rgb(56, 7, 94) }
```

Background

The CSS property to change the background color of an element to YUV 31.5690, 30.7785, 21.4260 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(56, 7, 94) }
```

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

```
.background{ background-color: rgb(56, 7,  
94) }
```

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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