

Converting Colors

YUV(31.3290, 7.7258, -4.6735)

Have a look what the booklet for
YUV(31.3290, 7.7258, -4.6735)
contains.

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Color

**YUV(31.3290, 7.7258,
-4.6735)**

Conversions

Conversions Part 1

Format	Color
Hex	1A1F2F
RGB	26, 31, 47
RGB Percent	10%, 12%, 18%
CMY	0.8980, 0.8784, 0.8157
CMYK	0.45, 0.34, 0.00, 0.82
HSL	226°, 29%, 14%
HSV	226°, 45%, 18%
XYZ	1.4291, 1.4048, 2.8852
YIQ	31.3290, -8.1160, 3.9160

Conversions

Conversions Part 2

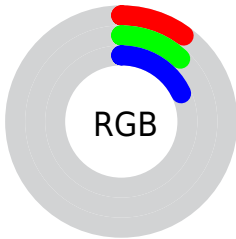
Format	Color
RYB	26, 30, 47
Decimal	1711919
CIELab	11.99, 2.76, -11.37
CIElCh	12, 11.698, 283.659
Yxy	1.4048, 0.2499, 0.2456
Android (android.graphics.Color)	4279901999 (0xFF1A1F2F)
YUV	31.3290, 7.7258, -4.6735
Hunter-Lab	11.8525, 0.7802, -6.1357

Details

The YUV color **31.3290, 7.7258, -4.6735** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **41.6710, -7.7258, 4.6735**, and the grayscale version is **31.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **75.5570, 8.5994, -4.8735**, and **0.0000, 0.0000, 0.0000** is the 20% darker color. If you saturate the color by 10%, you get **27.4860, 9.6204, -5.6882**, and if you desaturate by 10%, it is **35.1720, 5.8312, -3.6588**.

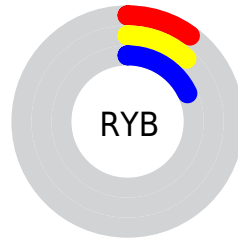
Distribution



Red (10%)

Green (12%)

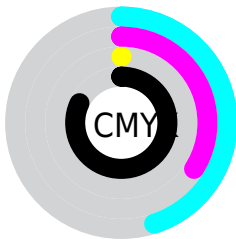
Blue (18%)



Red (10%)

Yellow (12%)

Blue (18%)

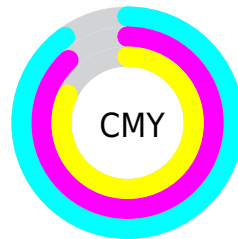


Cyan (45%)

Magenta (34%)

Yellow (0%)

Black (82%)



Cyan (90%)

Magenta (88%)

Yellow (82%)

Brightness & Saturation Gradients

These gradients show how the YUV color 31.3290, 7.7258, -4.6735 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 31.3290, 7.7258, -4.6735 by changing the saturation by 10% instead.

■ 31.3290, 7.7258,
-4.6735

■ 31.3290, 7.7258,
-4.6735

255.0000, 0.0000,
0.0000

■ 6.8990, 9.9098,
-5.1734

■ 75.5570, 8.5994,
-4.8735

■ 0.0000, 0.0000,
0.0000

■ 99.0840, 9.3256,
-4.4587

■ 124.0840, 9.3256,
-4.4587

■ 150.1980, 9.7624,
-4.5586

■ 176.8990, 9.9098,
-5.1734

■ 204.3120, 10.1992,

-4.6586

■ 232.4260, 10.6360,
-4.7586

■ 31.3290, 7.7258,
-4.6735

■ 31.3290, 7.7258,
-4.6735

■ 27.4860, 9.6204,
-5.6882

■ 35.1720, 5.8312,
-3.6588

■ 24.5290, 11.0782,
-6.6029

■ 38.1290, 4.3734,
-2.7441

■ 20.6860, 12.9728,
-7.6176

■ 41.9720, 2.4788,
-1.7294

■ 17.4300, 14.5780,
-9.1471

■ 45.2280, 0.8736,
-0.2000

■ 13.5870, 16.4726,
-10.1618

■ 49.0710, -1.0210,
0.8147

■ 11.8150, 17.3462,
-10.3618

■ 52.0280, -2.4788,
1.7294

■ 55.8710, -4.3734,
2.7441

■ 59.7140, -6.2680,
3.7588

■ 62.6710, -7.7258,
4.6735

Harmonies

Analogous

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



29.2030, 8.7739, -14.2100



31.3290, 7.7258, -4.6735



32.4010, 5.2253, 4.0333

Triad

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



31.3290, 7.7258, -4.6735



31.9970, -5.4215, 12.2806



27.8090, -0.3988, -12.1105

Complementary

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



31.3290, 7.7258, -4.6735



41.6710, -7.7258, 4.6735

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.



29.4140, -4.6411, -4.7481



31.3290, 7.7258, -4.6735



30.9920, -7.8841, 8.7770

Square

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



31.3290, 7.7258, -4.6735



31.9200, -1.9326, 13.2252



30.3610, -7.5730, 2.3144



26.6170, 4.1328, -18.9581

Rectangle

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



31.3290, 7.7258, -4.6735



32.2660, 3.3199, 8.5367



30.3610, -7.5730, 2.3144



28.6630, -2.2989, -9.3515

Sweetspot

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



31.3290, 7.7258, -4.6735



55.0860, 2.9156, -1.8294



40.1510, 0.9116, -12.4104



27.1570, 1.8946, -1.0147



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.



31.3290, 7.7258, -4.6735



36.4580, 12.0992, -7.4177



29.8890, 8.4357, 0.9743



21.2280, 0.8736, -0.2000



22.2450, 31.9242, -19.5089



54.3330, 78.7158, -47.6500

Inverse Universe

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



32.8490, -0.9116, 12.4104



38.7790, -1.3700, 19.4878



43.1110, -8.4357, -0.9743



21.5980, -0.2948, 1.2296



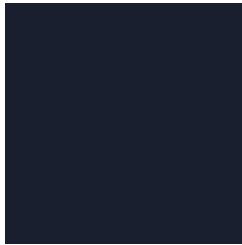
28.4070, -3.6517, 51.3861



69.8000, -9.2684, 126.4634

Previews

White Background



This preview shows how the YUV color 31.3290, 7.7258, -4.6735 looks on a white background.

Color Contrast Check

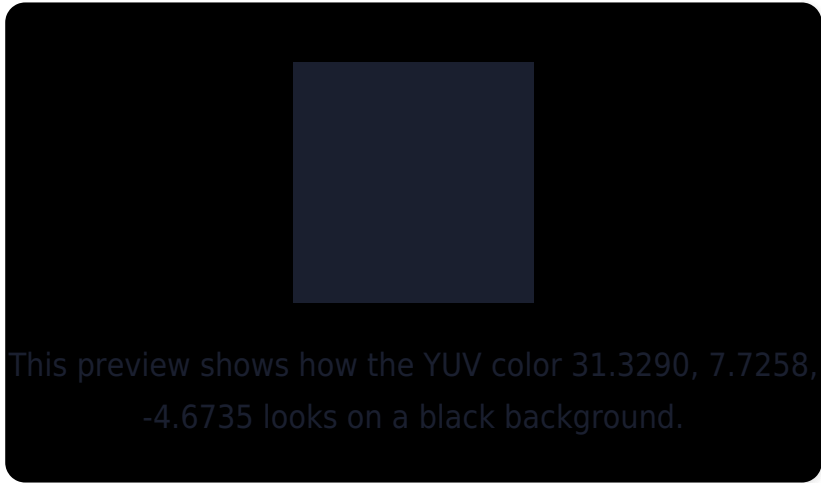
Large Text (above 18pt) WCAG AA ✓ Pass

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

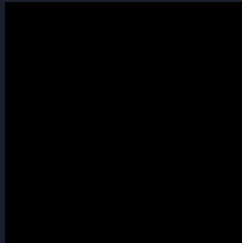
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

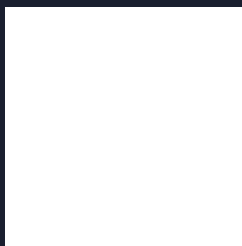
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 31.3290, 7.7258, -4.6735

Background



This preview shows how black text looks on a background with the YUV color 31.3290, 7.7258, -4.6735.



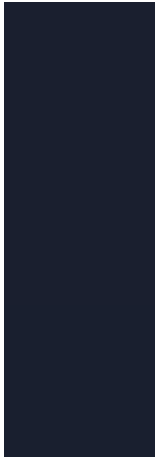
This preview shows how white text looks on a background with the YUV color 31.3290, 7.7258, -4.6735.

-4.6735.

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

31.3290, 7.7258, -4.6735

Protanopia

31.3290, 7.7258, -4.6735

Deuteranopia

31.0300, 7.8732, -5.2883



Tritanopia

30.3520, 2.7845, -6.4477

Trichromacy



Original Color

31.3290, 7.7258, -4.6735

Protanomaly

31.3290, 7.7258, -4.6735

Deuteranomaly

31.0300, 7.8732, -5.2883

Tritanomaly

30.5200, 4.6736, -5.7180

Monochromacy



Original Color

31.3290, 7.7258, -4.6735

Achromatopsia

31.0000, 0.0000, 0.0000

Achromatomaly

31.0860, 2.9156, -1.8294

CSS Examples

Text

The CSS property to change the color of the text to YUV 31.3290, 7.7258, -4.6735 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(26, 31, 47)` looks like.

```
.text, #text, p{  
    color:rgb(26, 31, 47)  
}
```

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(26, 31, 47) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(26, 31, 47) }
```

Border

The CSS property to change the border of an element to YUV 31.3290, 7.7258, -4.6735 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(26, 31, 47) }
```


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

```
.border{ border-color:rgb(26, 31, 47) }
```

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

Here you see how a box with a 4 pixel rgb(26, 31, 47) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(26, 31, 47); -webkit-box-  
shadow:4px 4px 4px 4px rgb(26, 31, 47);  
box-shadow:4px 4px 4px 4px rgb(26, 31, 47)  
}
```

Background

The CSS property to change the background color of an element to YUV 31.3290, 7.7258, -4.6735 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(26, 31, 47) }
```

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

```
.background{ background-color: rgb(26, 31,  
47) }
```

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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