

Converting Colors

YUV(31.9500, 22.7026, -1.7101)

Have a look what the booklet for
YUV(31.9500, 22.7026, -1.7101)
contains.

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Color

**YUV(31.9500, 22.7026,
-1.7101)**

Conversions

Conversions Part 1

Format	Color
Hex	1E184E
RGB	30, 24, 78
RGB Percent	12%, 9%, 31%
CMY	0.8824, 0.9059, 0.6941
CMYK	0.62, 0.69, 0.00, 0.69
HSL	247°, 53%, 20%
HSV	247°, 69%, 31%
XYZ	2.2372, 1.4793, 7.3754
YIQ	31.9500, -13.7580, 18.0660

Conversions

Conversions Part 2

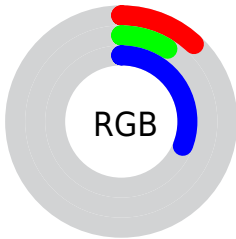
Format	Color
RYB	30, 24, 78
Decimal	1972302
CIELab	12.48, 20.55, -32.43
CIELCh	12, 38.394, 302.362
Yxy	1.4793, 0.2017, 0.1334
Android (android.graphics.Color)	4280162382 (0xFF1E184E)
YUV	31.9500, 22.7026, -1.7101
Hunter-Lab	12.1628, 11.5479, -27.4386

Details

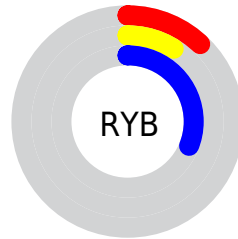
The YUV color **31.9500, 22.7026, -1.7101** is a dark color, and the websafe version is hex **000033**. A complement of this color would be **70.0500, -22.7026, 1.7102**, and the grayscale version is **32.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **77.8410, 24.7284, 1.8934**, and **4.9360, 13.8356, -4.3289** is the 20% darker color. If you saturate the color by 10%, you get **25.1610, 26.0496, -1.8952**, and if you desaturate by 10%, it is **38.7390, 19.3557, -1.5251**.

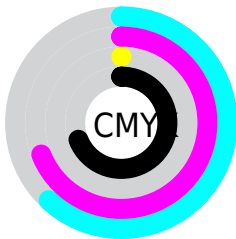
Distribution



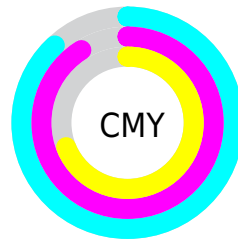
- Red (12%)
- Green (9%)
- Blue (31%)



- Red (12%)
- Yellow (9%)
- Blue (31%)



- Cyan (62%)
- Magenta (69%)
- Yellow (0%)
- Black (69%)



- Cyan (88%)
- Magenta (91%)
- Yellow (69%)

Brightness & Saturation Gradients

These gradients show how the YUV color 31.9500, 22.7026, -1.7101 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 31.9500, 22.7026, -1.7101 by changing the saturation by 10% instead.

■ 31.9500, 22.7026,
-1.7101

■ 31.9500, 22.7026,
-1.7101

■ 252.6520, 1.1576,
2.0592

■ 8.6620, 22.8446,
-0.5806

■ 77.8410, 24.7284,
1.8934

■ 4.9360, 13.8356,
-4.3289

■ 102.3680, 25.4546,
2.3083

■ 0.5700, 2.1840,
-0.4999

■ 127.8950, 26.1808,
2.7231

■ 0.0000, 0.0000,
0.0000

■ 153.8350, 27.1963,
3.6527

■ 181.2480, 27.4857,
4.1675

■ 207.5210, 23.4071,

5.6821

■ 232.3290, 11.1768,
8.4815

■ 31.9500, 22.7026,
-1.7101

■ 31.9500, 22.7026,
-1.7101

■ 25.1610, 26.0496,
-1.8952

■ 38.7390, 19.3557,
-1.5251

■ 18.3720, 29.3966,
-2.0802

■ 45.5280, 16.0087,
-1.3401

■ 12.1700, 32.4542,
-2.7801

■ 51.7300, 12.9511,
-0.6402

■ 11.5830, 32.7436,
-2.2653

■ 58.5190, 9.6041,
-0.4552

■ 65.3080, 6.2572,
-0.2701

■ 72.0970, 2.9102,
-0.0851

■ 78.8860, -0.4368,
0.1000

■ 84.7890, -3.3470,
0.1850

■ 91.5780, -6.6940,
0.3701

Harmonies

Analogous

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



30.9360, 27.1466, -27.1309



31.9500, 22.7026, -1.7101



28.0960, 14.7427, 31.4878

Triad

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



31.9500, 22.7026, -1.7101



30.2670, -14.9216, 26.0758



29.7040, 2.1179, -26.0504

Complementary

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



31.9500, 22.7026, -1.7101



70.0500, -22.7026, 1.7102

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.



24.6540, -12.1544, -21.6216



31.9500, 22.7026, -1.7101



30.7440, -15.1568, 8.1175

Square

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



31.9500, 22.7026, -1.7101



22.7130, -11.1975, 44.9787



26.4810, -13.0551, -12.6998



32.0810, 13.7641, -28.1350

Rectangle

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



31.9500, 22.7026, -1.7101



26.6860, 6.5638, 41.4944



26.4810, -13.0551, -12.6998



28.0910, -1.5239, -24.6358

Sweetspot

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



31.9500, 22.7026, -1.7101



83.9920, 8.8779, -0.8700



58.9190, 9.4069, -30.6240



40.0800, 5.3836, -0.0702



179.0000, 0.0000, 0.0000



51.0000, 0.0000, 0.0000

Same Dimension

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



31.9500, 22.7026, -1.7101



29.6800, 35.6538, -2.3504



39.7240, 18.8701, 14.2741



34.7550, 1.5998, 0.2149



14.9170, 42.9319, -3.4352



33.6950, 96.7784, -7.6255

Inverse Universe

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



45.6180, 13.0063, 28.3990



51.0790, 20.6671, 44.6577



62.2760, -18.8701, -14.2741



35.6520, 1.1576, 2.0592



40.8720, 24.7131, 53.6093



92.0260, 55.2032, 121.0032

Previews

White Background



This preview shows how the YUV color 31.9500, 22.7026, -1.7101 looks on a white background.

Color Contrast Check

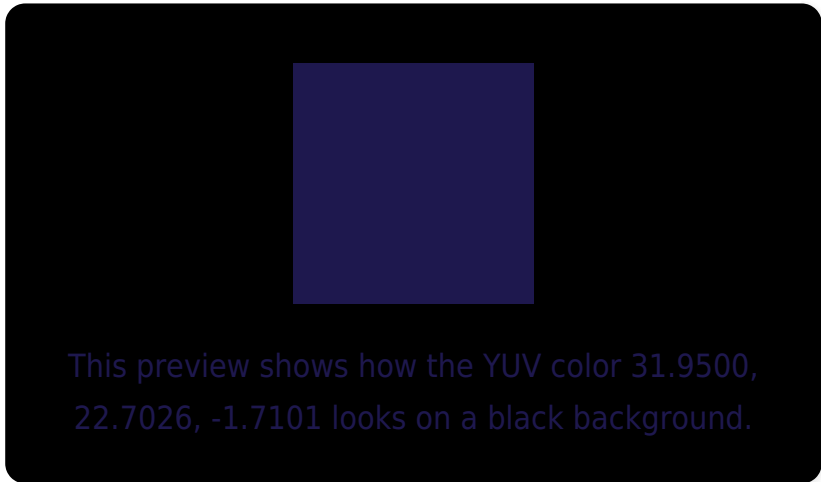
Large Text (above 18pt) WCAG AA ✓ Pass

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

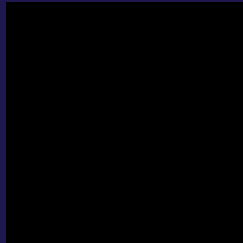
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 31.9500, 22.7026, -1.7101

Background



This preview shows how black text looks on a background with the YUV color 31.9500, 22.7026, -1.7101.



This preview shows how white text looks on a background with the YUV color 31.9500, 22.7026,

-1.7101.

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

31.9500, 22.7026, -1.7101

Protanopia

26.5360, 20.4418, -23.2721

Deuteranopia

26.5700, 15.4950, -23.3019



Tritanopia

28.9700, 5.4378, -17.5137

Trichromacy



Original Color

31.9500, 22.7026, -1.7101

Protanomaly

28.5200, 21.4356, -15.3650

Deuteranomaly

28.3090, 18.0887, -15.1800

Tritanomaly

30.0230, 11.8207, -11.4212

Monochromacy



Original Color

31.9500, 22.7026, -1.7101

Achromatopsia

32.0000, 0.0000, 0.0000

Achromatomaly

31.8780, 8.4411, -0.7700

CSS Examples

Text

The CSS property to change the color of the text to YUV 31.9500, 22.7026, -1.7101 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(30, 24, 78)` looks like.

```
.text, #text, p{  
    color:rgb(30, 24, 78)  
}
```

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(30, 24, 78) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(30, 24, 78) }
```

Border

The CSS property to change the border of an element to YUV 31.9500, 22.7026, -1.7101 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(30, 24, 78) }
```


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

```
.border{ border-color:rgb(30, 24, 78) }
```

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

Here you see how a box with a 4 pixel `rgb(30, 24, 78)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(30, 24, 78); -webkit-box-  
shadow:4px 4px 4px 4px rgb(30, 24, 78);  
box-shadow:4px 4px 4px 4px rgb(30, 24, 78)  
}
```

Background

The CSS property to change the background color of an element to YUV 31.9500, 22.7026, -1.7101 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(30, 24, 78) }
```

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

```
.background{ background-color: rgb(30, 24,  
78) }
```

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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