

Converting Colors

YUV(31.6960, 34.6599,
-10.2574)

Have a look what the booklet for
YUV(31.6960, 34.6599, -10.2574)
contains.

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Color

**YUV(31.6960, 34.6599,
-10.2574)**

Conversions

Conversions Part 1

Format	Color
Hex	141866
RGB	20, 24, 102
RGB Percent	8%, 9%, 40%
CMY	0.9216, 0.9059, 0.6000
CMYK	0.80, 0.76, 0.00, 0.60
HSL	237°, 67%, 24%
HSV	237°, 80%, 40%
XYZ	3.0134, 1.7613, 12.7515
YIQ	31.6960, -27.4220, 23.4100

Conversions

Conversions Part 2

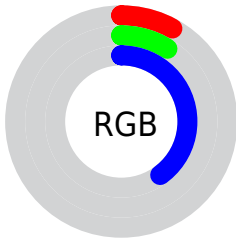
Format	Color
R_YB	20, 24, 102
Decimal	1316966
CIE Lab	14.18, 28.16, -45.81
CIE LCh	14, 53.776, 301.576
Yxy	1.7613, 0.1719, 0.1005
Android (android.graphics.Color)	4279507046 (0xFF141866)
YUV	31.6960, 34.6599, -10.2574
Hunter-Lab	13.2714, 17.3052, -47.6774

Details

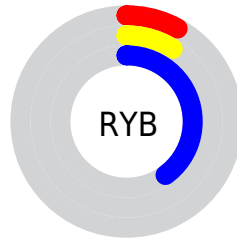
The YUV color **31.6960, 34.6599, -10.2574** is a dark color, and the websafe version is hex **330066**. A complement of this color would be **90.3040, -34.6599, 10.2574**, and the grayscale version is **31.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **81.0930, 35.9432, -1.8356**, and **7.3300, 23.0083, -6.4284** is the 20% darker color. If you saturate the color by 10%, you get **22.8360, 39.0279, -11.2572**, and if you desaturate by 10%, it is **40.5560, 30.2919, -9.2576**.

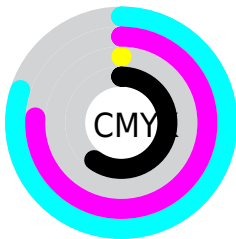
Distribution



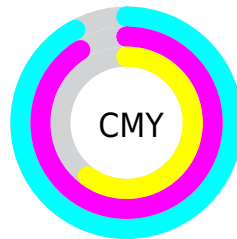
- Red (8%)
- Green (9%)
- Blue (40%)



- Red (8%)
- Yellow (9%)
- Blue (40%)



- Cyan (80%)
- Magenta (76%)
- Yellow (0%)
- Black (60%)



- Cyan (92%)
- Magenta (91%)
- Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the YUV color 31.6960, 34.6599, -10.2574 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 31.6960, 34.6599, -10.2574 by changing the saturation by 10% instead.

■ 31.6960, 34.6599,
-10.2574

■ 31.6960, 34.6599,
-10.2574

■ 253.2390, 0.8682,
1.5444

■ 9.3650, 33.3441,
-8.2131

■ 81.0930, 35.9432,
-1.8356

■ 7.3300, 23.0083,
-6.4284

■ 105.7450, 37.1007,
0.2236

■ 4.8220, 13.3988,
-4.2289

■ 131.6850, 38.1163,
1.1533

■ 0.3420, 1.3104,
-0.2999

■ 158.6250, 39.1319,
2.0829

■ 0.0000, 0.0000,
0.0000

■ 184.1970, 34.9059,
4.2122

■ 209.3040, 22.5281,

7.6264

■ 234.4110, 10.1504,
11.0406

■ 31.6960, 34.6599,
-10.2574

■ 31.6960, 34.6599,
-10.2574

■ 22.8360, 39.0279,
-11.2572

■ 40.5560, 30.2919,
-9.2576

■ 14.5630, 43.1064,
-12.7718

■ 48.8290, 26.2133,
-7.7430

■ 57.9880, 21.6979,
-6.1285

■ 66.8480, 17.3299,
-5.1287

■ 75.7080, 12.9620,
-4.1289

■ 83.9810, 8.8834,
-2.6143

■ 92.8410, 4.5154,
-1.6146

■ 102.0000, 0.0000,
0.0000

■ 110.2730, -4.0786,
1.5146

Harmonies

Analogous

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



37.6500, 37.6405, -33.0191



31.6960, 34.6599, -10.2574



31.9430, 20.2411, 41.2690

Triad

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



31.6960, 34.6599, -10.2574



31.2190, -15.3910, 36.6419



33.5680, 1.6920, -29.4391

Complementary

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



31.6960, 34.6599, -10.2574



90.3040, -34.6599, 10.2574

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.



28.1760, -13.8908, -24.7104



31.6960, 34.6599, -10.2574



34.2880, -16.9040, 8.5174

Square

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



31.6960, 34.6599, -10.2574



27.5080, -13.5614, 56.5595



25.8280, -12.7332, -22.6512



37.9000, 18.2903, -33.2383

Rectangle

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



31.6960, 34.6599, -10.2574



33.2790, 7.2575, 52.3753



25.8280, -12.7332, -22.6512



32.0860, -3.9864, -28.1394

Sweetspot

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



31.6960, 34.6599, -10.2574



105.2350, 13.6881, -3.7141



77.0260, 10.3402, -50.0118



49.7530, 8.0098, -2.4144



194.0000, 0.0000, 0.0000



66.0000, 0.0000, 0.0000

Same Dimension

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



31.6960, 34.6599, -10.2574



23.7010, 53.8844, -16.4008



40.4110, 30.3634, 14.5486



46.5700, 2.1840, -0.4999



16.6320, 48.4954, -14.5863



34.6320, 102.2324, -30.3723

Inverse Universe

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



44.9740, -10.3402, 50.0118



44.0700, -15.8105, 77.9916



81.5890, -30.3634, -14.5486



47.4950, -0.7370, 3.0739



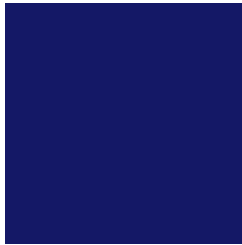
35.0690, -14.3310, 70.0995



73.7260, -30.4309, 147.5763

Previews

White Background



This preview shows how the YUV color 31.6960, 34.6599, -10.2574 looks on a white background.

Color Contrast Check

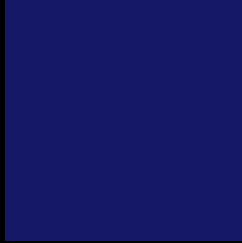
Large Text (above 18pt) WCAG AA ✓ Pass

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 31.6960, 34.6599, -10.2574 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

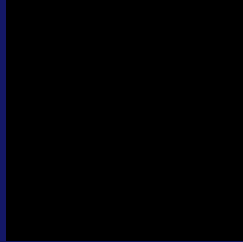
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 31.6960, 34.6599, -10.2574

Background



This preview shows how black text looks on a background with the YUV color 31.6960, 34.6599, -10.2574.



This preview shows how white text looks on a background with the YUV color 31.6960, 34.6599,

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

31.6960, 34.6599, -10.2574

Deuteranopia

29.6020, 16.9582, -25.9610

Tritanopia

28.9690, 6.9173, -25.4058

Trichromacy



Original Color

31.6960, 34.6599, -10.2574

Deuteranomaly

30.3560, 23.4885, -20.4832

Tritanomaly

29.9340, 16.7945, -20.1131

Monochromacy



Original Color

31.6960, 34.6599, -10.2574

Achromatopsia

32.0000, 0.0000, 0.0000

Achromatomaly

31.8930, 12.3778, -3.4142

CSS Examples

Text

The CSS property to change the color of the text to YUV 31.6960, 34.6599, -10.2574 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(20, 24, 102)` looks like.

```
.text, #text, p{  
    color:rgb(20, 24, 102)  
}
```

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(20, 24, 102) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(20, 24, 102) }
```

Border

The CSS property to change the border of an element to YUV 31.6960, 34.6599, -10.2574 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(20, 24, 102) }
```

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

```
.border{ border-color:rgb(20, 24, 102) }
```

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

Here you see how a box with a 4 pixel `rgb(20, 24, 102)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(20, 24, 102); -webkit-box-  
shadow:4px 4px 4px 4px rgb(20, 24, 102);  
box-shadow:4px 4px 4px 4px rgb(20, 24,  
102) }
```


Background

The CSS property to change the background color of an element to YUV 31.6960, 34.6599, -10.2574 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(20, 24, 102) }
```

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

```
.background{ background-color: rgb(20, 24,  
102) }
```

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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