

Converting Colors

YUV(31.2980, 21.5451, -3.7693)

Have a look what the booklet for
YUV(31.2980, 21.5451, -3.7693)
contains.

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Color

**YUV(31.2980, 21.5451,
-3.7693)**

Conversions

Conversions Part 1

Format	Color
Hex	1B194B
RGB	27, 25, 75
RGB Percent	11%, 10%, 29%
CMY	0.8941, 0.9020, 0.7059
CMYK	0.64, 0.67, 0.00, 0.71
HSL	242°, 50%, 20%
HSV	242°, 67%, 29%
XYZ	2.0696, 1.4363, 6.8248
YIQ	31.2980, -14.8580, 15.9740

Conversions

Conversions Part 2

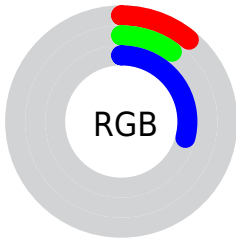
Format	Color
R _Y B	27, 25, 75
Decimal	1775947
CIE Lab	12.20, 18.08, -30.83
CIE LCh	12, 35.742, 300.393
Yxy	1.4363, 0.2003, 0.1390
Android (android.graphics.Color)	4279966027 (0xFF1B194B)
YUV	31.2980, 21.5451, -3.7693
Hunter-Lab	11.9845, 9.8528, -25.3746

Details

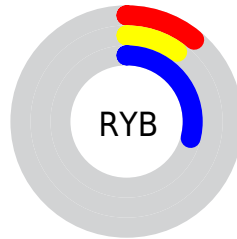
The YUV color **31.2980, 21.5451, -3.7693** is a dark color, and the websafe version is hex **000033**. A complement of this color would be **68.7020, -21.5451, 3.7693**, and the grayscale version is **31.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **76.7760, 23.2814, -0.6806**, and **4.5940, 12.5252, -4.0289** is the 20% darker color. If you saturate the color by 10%, you get **24.5090, 24.8921, -3.9544**, and if you desaturate by 10%, it is **37.5000, 18.4875, -3.0695**.

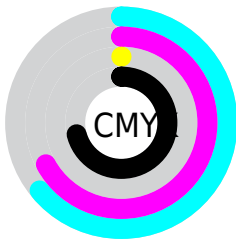
Distribution



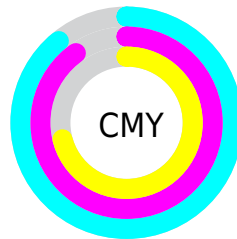
- Red (11%)
- Green (10%)
- Blue (29%)



- Red (11%)
- Yellow (10%)
- Blue (29%)



- Cyan (64%)
- Magenta (67%)
- Yellow (0%)
- Black (71%)



- Cyan (89%)
- Magenta (90%)
- Yellow (71%)

Brightness & Saturation Gradients

These gradients show how the YUV color 31.2980, 21.5451, -3.7693 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 31.2980, 21.5451, -3.7693 by changing the saturation by 10% instead.

■ 31.2980, 21.5451,
-3.7693

■ 31.2980, 21.5451,
-3.7693

■ 253.2390, 0.8682,
1.5444

■ 7.7220, 21.8291,
-1.5102

■ 76.7760, 23.2814,
-0.6806

■ 4.5940, 12.5252,
-4.0289

■ 101.6020, 23.8602,
0.3490

■ 0.0000, 0.0000,
0.0000

■ 126.5420, 24.8758,
1.2787

■ 152.7700, 25.7494,
1.0787

■ 179.5960, 26.3282,
2.1083

■ 206.9120, 23.7074,

2.7082

■ 231.7200, 11.4770,
5.5076

■ 31.2980, 21.5451,
-3.7693

■ 31.2980, 21.5451,
-3.7693

■ 24.5090, 24.8921,
-3.9544

■ 37.5000, 18.4875,
-3.0695

■ 18.3070, 27.9496,
-4.6542

■ 44.2890, 15.1405,
-2.8845

■ 11.2190, 31.4440,
-5.4541

■ 51.3770, 11.6461,
-2.0846

■ 9.4470, 32.3176,
-5.6540

■ 57.5790, 8.5886,
-1.3848

■ 64.3680, 5.2416,
-1.1997

■ 70.5700, 2.1840,
-0.4999

■ 77.3590, -1.1630,
-0.3148

■ 83.8600, -4.3680,
0.9998

■ 90.6490, -7.7150,
1.1848

Harmonies

Analogous

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



29.8930, 25.6888, -26.2162



31.2980, 21.5451, -3.7693



29.1340, 13.7379, 27.0695

Triad

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



31.2980, 21.5451, -3.7693



29.3810, -14.4848, 25.9759



28.3020, 1.8231, -24.8209

Complementary

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



31.2980, 21.5451, -3.7693



68.7020, -21.5451, 3.7693

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.



24.0670, -11.8650, -21.1068



31.2980, 21.5451, -3.7693



30.4560, -15.0148, 9.2471

Square

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



31.2980, 21.5451, -3.7693



23.5170, -10.6079, 42.5196



26.5030, -13.0660, -9.2111



31.0380, 12.3063, -27.2203

Rectangle

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



31.2980, 21.5451, -3.7693



25.6040, 7.5902, 38.9353



26.5030, -13.0660, -9.2111



27.2760, -2.1081, -23.9211

Sweetspot

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



31.2980, 21.5451, -3.7693



80.1660, 8.2992, -1.8996



58.8760, 7.9491, -29.7093



38.2540, 4.8048, -1.0998



176.0000, 0.0000, 0.0000



48.0000, 0.0000, 0.0000

Same Dimension

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



31.2980, 21.5451, -3.7693



28.7890, 33.6280, -5.9540



38.7730, 17.8599, 11.6001



34.7550, 1.5998, 0.2149



12.8240, 43.9638, -7.7386



28.9110, 99.1369, -17.4619

Inverse Universe

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



45.4220, 13.5960, 25.9399



50.8720, 21.2621, 40.4543



61.2270, -17.8599, -11.6001



35.6520, 1.1576, 2.0592



41.6700, 27.7707, 52.9094



93.8500, 62.1919, 119.4036

Previews

White Background



This preview shows how the YUV color 31.2980, 21.5451, -3.7693 looks on a white background.

Color Contrast Check

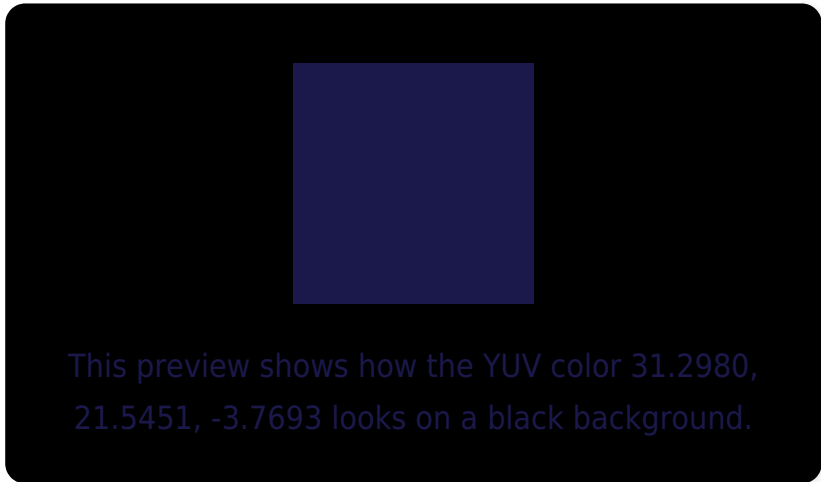
Large Text (above 18pt) WCAG AA ✓ Pass

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

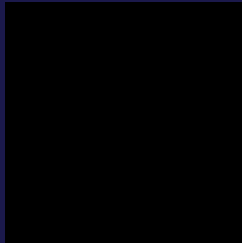
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 31.2980, 21.5451, -3.7693

Background



This preview shows how black text looks on a background with the YUV color 31.2980, 21.5451, -3.7693.



This preview shows how white text looks on a background with the YUV color 31.2980, 21.5451,

-3.7693.

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

31.2980, 21.5451, -3.7693

Protanopia

25.7210, 19.8575, -22.5573

Tritanopia

25.5780, 6.6170, -22.4319

Trichromacy



Original Color

31.2980, 21.5451, -3.7693

Protanomaly

27.8790, 20.2727, -15.6799

Tritanomaly

27.7020, 11.9789, -15.5247

Monochromacy



Original Color

31.2980, 21.5451, -3.7693

Achromatopsia

31.0000, 0.0000, 0.0000

Achromatomaly

31.3510, 7.7150, -1.1848

CSS Examples

Text

The CSS property to change the color of the text to YUV 31.2980, 21.5451, -3.7693 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(27, 25, 75)` looks like.

```
.text, #text, p{  
    color:rgb(27, 25, 75)  
}
```

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(27, 25, 75) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(27, 25, 75) }
```

Border

The CSS property to change the border of an element to YUV 31.2980, 21.5451, -3.7693 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(27, 25, 75) }
```

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

```
.border{ border-color:rgb(27, 25, 75) }
```

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

Here you see how a box with a 4 pixel rgb(27, 25, 75) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(27, 25, 75); -webkit-box-  
shadow:4px 4px 4px 4px rgb(27, 25, 75);  
box-shadow:4px 4px 4px 4px rgb(27, 25, 75)  
}
```


Background

The CSS property to change the background color of an element to YUV 31.2980, 21.5451, -3.7693 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(27, 25, 75) }
```

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

```
.background{ background-color: rgb(27, 25,  
75) }
```

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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