

Converting Colors

YUV(31.6310, 16.4509, -3.1844)

Have a look what the booklet for
YUV(31.6310, 16.4509, -3.1844)
contains.

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Color

**YUV(31.6310, 16.4509,
-3.1844)**

Conversions

Conversions Part 1

Format	Color
Hex	1C1B41
RGB	28, 27, 65
RGB Percent	11%, 11%, 25%
CMY	0.8902, 0.8941, 0.7451
CMYK	0.57, 0.58, 0.00, 0.75
HSL	242°, 41%, 18%
HSV	242°, 58%, 25%
XYZ	1.8250, 1.4124, 5.1775
YIQ	31.6310, -11.6020, 12.0300

Conversions

Conversions Part 2

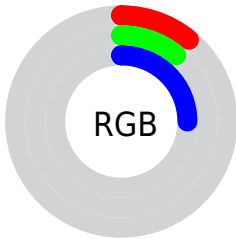
Format	Color
RYB	28, 27, 65
Decimal	1841985
CIELab	12.04, 13.03, -24.11
CIELCh	12, 27.406, 298.379
Yxy	1.4124, 0.2169, 0.1678
Android (android.graphics.Color)	4280032065 (0xFF1C1B41)
YUV	31.6310, 16.4509, -3.1844
Hunter-Lab	11.8844, 6.6125, -17.5106

Details

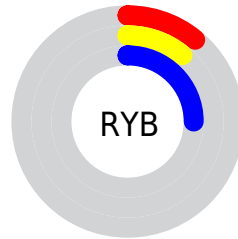
The YUV color **31.6310, 16.4509, -3.1844** is a dark color, and the websafe version is hex **000033**. A complement of this color would be **60.3690, -16.4509, 3.1844**, and the grayscale version is **31.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **76.3970, 18.0453, -1.2252**, and **2.9810, 8.8834, -2.6143** is the 20% darker color. If you saturate the color by 10%, you get **26.3150, 19.0717, -3.7843**, and if you desaturate by 10%, it is **37.5340, 13.5407, -3.0993**.

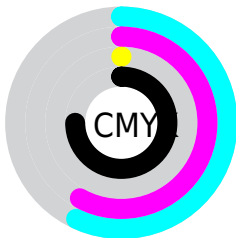
Distribution



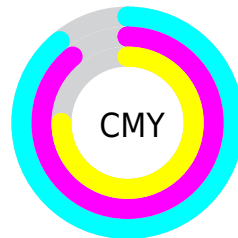
- Red (11%)
- Green (11%)
- Blue (25%)



- Red (11%)
- Yellow (11%)
- Blue (25%)



- Cyan (57%)
- Magenta (58%)
- Yellow (0%)
- Black (75%)



- Cyan (89%)
- Magenta (89%)
- Yellow (75%)

Brightness & Saturation Gradients

These gradients show how the YUV color 31.6310, 16.4509, -3.1844 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 31.6310, 16.4509, -3.1844 by changing the saturation by 10% instead.

■ 31.6310, 16.4509,
-3.1844

■ 31.6310, 16.4509,
-3.1844

■ 255.0000, 0.0000,
0.0000

■ 7.2940, 17.6031,
0.6192

■ 76.3970, 18.0453,
-1.2252

■ 2.9810, 8.8834,
-2.6143

■ 100.9240, 18.7715,
-0.8103

■ 0.0000, 0.0000,
0.0000

■ 125.4510, 19.4977,
-0.3955

■ 151.9780, 20.2238,
0.0193

■ 179.0920, 20.6606,
-0.0807

■ 206.2060, 21.0974,

-0.1807

■ 231.9970, 11.3405,
2.6336

■ 31.6310, 16.4509,
-3.1844

■ 31.6310, 16.4509,
-3.1844

■ 26.3150, 19.0717,
-3.7843

■ 37.5340, 13.5407,
-3.0993

■ 20.1130, 22.1293,
-4.4841

■ 43.1490, 10.7725,
-1.8847

■ 14.7970, 24.7501,
-5.0840

■ 49.0520, 7.8624,
-1.7996

■ 8.8940, 27.6603,
-5.1690

■ 54.3680, 5.2416,
-1.1997

■ 8.0080, 28.0971,
-5.2690

■ 60.5700, 2.1840,
-0.4999

■ 65.8860, -0.4368,
0.1000

■ 71.7890, -3.3470,
0.1850

■ 77.4040, -6.1152,
1.3997

■ 83.3070, -9.0254,
1.4848

Harmonies

Analogous

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



27.8240, 20.2998, -24.4016



31.6310, 16.4509, -3.1844



31.7540, 9.9813, 18.6327

Triad

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



31.6310, 16.4509, -3.1844



29.6580, -14.6214, 23.1019



26.9000, 1.5283, -23.5913

Complementary

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



31.6310, 16.4509, -3.1844



60.3690, -16.4509, 3.1844

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.



23.6910, -8.2287, -20.7770



31.6310, 16.4509, -3.1844



29.8690, -14.7254, 9.7619

Square

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



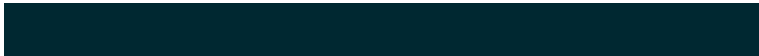
31.6310, 16.4509, -3.1844



28.8360, -7.8071, 30.8388



28.3080, -13.9558, -3.7781



29.0660, 9.8275, -25.4909

Rectangle

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



31.6310, 16.4509, -3.1844



29.8430, 5.0074, 27.3247



28.3080, -13.9558, -3.7781



26.1020, -1.5293, -22.8915

Sweetspot

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



31.6310, 16.4509, -3.1844



70.7100, 6.5520, -1.4997



53.0510, 5.8909, -22.8467



35.0260, 3.9312, -0.8998



171.0000, 0.0000, 0.0000



43.0000, 0.0000, 0.0000

Same Dimension

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



31.6310, 16.4509, -3.1844



32.3240, 25.4763, -4.6691



37.3120, 13.6502, 8.4964



30.3420, 1.3104, -0.2999



11.9550, 41.9272, -7.8535



27.3300, 96.9583, -18.7064

Inverse Universe

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



42.5800, 10.5601, 19.6623



49.2530, 16.6373, 30.4731



54.6880, -13.6502, -8.4964



31.2390, 0.8682, 1.5444



39.7190, 26.7605, 50.2354



91.8280, 62.2028, 115.9148

Previews

White Background



This preview shows how the YUV color 31.6310, 16.4509, -3.1844 looks on a white background.

Color Contrast Check

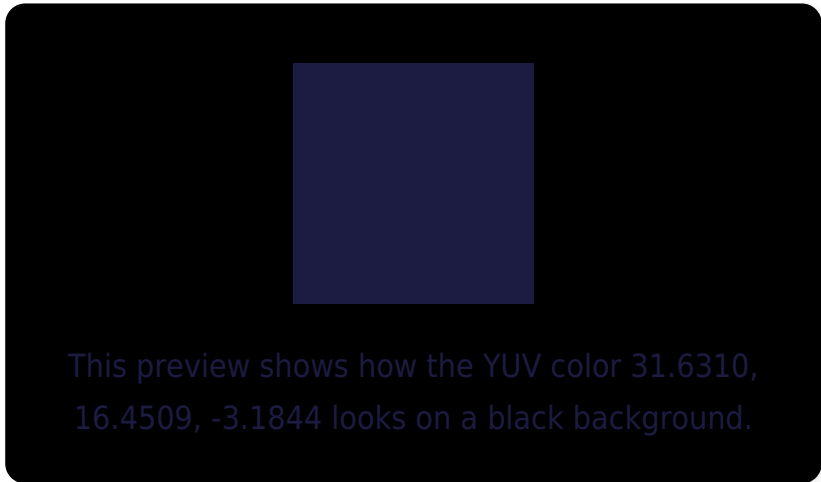
Large Text (above 18pt) WCAG AA ✓ Pass

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

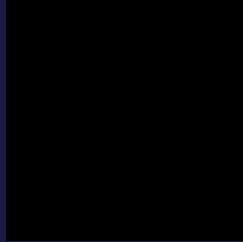
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 31.6310, 16.4509, -3.1844

Background



This preview shows how black text looks on a background with the YUV color 31.6310, 16.4509, -3.1844.



This preview shows how white text looks on a background with the YUV color 31.6310, 16.4509,

-3.1844.

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

31.6310, 16.4509, -3.1844

Protanopia

25.6070, 19.4207, -22.4573

Deuteranopia

25.8690, 15.3476, -22.6871



Tritanopia

29.8460, 3.5269, -11.2659

Trichromacy



Original Color

31.6310, 16.4509, -3.1844

Protanomaly

28.0100, 18.2361, -15.7948

Deuteranomaly

28.0270, 15.7627, -15.8097

Tritanomaly

30.4210, 8.1734, -8.2622

Monochromacy



Original Color

31.6310, 16.4509, -3.1844

Achromatopsia

32.0000, 0.0000, 0.0000

Achromatomaly

31.8950, 5.9678, -0.7849

CSS Examples

Text

The CSS property to change the color of the text to YUV 31.6310, 16.4509, -3.1844 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(28, 27, 65)` looks like.

```
.text, #text, p{  
  color:rgb(28, 27, 65)  
}
```

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(28, 27, 65) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(28, 27, 65) }
```

Border

The CSS property to change the border of an element to YUV 31.6310, 16.4509, -3.1844 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(28, 27, 65) }
```


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

```
.border{ border-color:rgb(28, 27, 65) }
```

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

Here you see how a box with a 4 pixel rgb(28, 27, 65) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(28, 27, 65); -webkit-box-  
shadow:4px 4px 4px 4px rgb(28, 27, 65);  
box-shadow:4px 4px 4px 4px rgb(28, 27, 65)  
}
```

Background

The CSS property to change the background color of an element to YUV 31.6310, 16.4509, -3.1844 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(28, 27, 65) }
```

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

```
.background{ background-color: rgb(28, 27,  
65) }
```

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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