

Converting Colors

YUV(16.2960, 31.4061, 6.7564)

Have a look what the booklet for
YUV(16.2960, 31.4061, 6.7564)
contains.

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Color

**YUV(16.2960, 31.4061,
6.7564)**

Conversions

Conversions Part 1

Format	Color
Hex	180050
RGB	24, 0, 80
RGB Percent	9%, 0%, 31%
CMY	0.9059, 1.0000, 0.6863
CMYK	0.70, 1.00, 0.00, 0.69
HSL	258°, 100%, 16%
HSV	258°, 100%, 31%
XYZ	1.8247, 0.7734, 7.6425
YIQ	16.2960, -11.3760, 29.9680

Conversions

Conversions Part 2

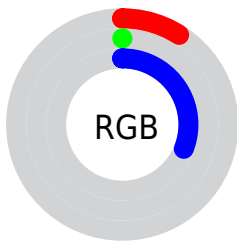
Format	Color
R_{YB}	24, 0, 80
Decimal	1572944
CIE Lab	6.99, 34.80, -42.87
CIE LCh	7, 55.219, 309.071
Yxy	0.7734, 0.1782, 0.0755
Android (android.graphics.Color)	4279763024 (0xFF180050)
YUV	16.2960, 31.4061, 6.7564
Hunter-Lab	8.7942, 21.6461, -45.3696

Details

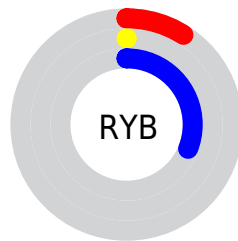
The YUV color **16.2960, 31.4061, 6.7564** is a dark color, and the websafe version is hex **330066**. A complement of this color would be **63.7040, -31.4061, -6.7564**, and the grayscale version is **16.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **64.5570, 32.2634, 11.7895**, and **5.0500, 14.2723, -4.4289** is the 20% darker color. If you saturate the color by 10%, you get **16.2960, 31.4061, 6.7564**, and if you desaturate by 10%, it is **22.7860, 28.2065, 6.3267**.

Distribution



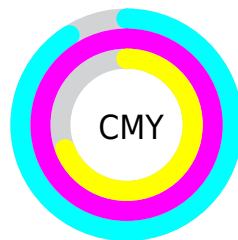
- Red (9%)
- Green (0%)
- Blue (31%)



- Red (9%)
- Yellow (0%)
- Blue (31%)



- Cyan (70%)
- Magenta (100%)
- Yellow (0%)
- Black (69%)



- Cyan (91%)
- Magenta (100%)
- Yellow (69%)

Brightness & Saturation Gradients

These gradients show how the YUV color 16.2960, 31.4061, 6.7564 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 16.2960, 31.4061, 6.7564 by changing the saturation by 10% instead.

■ 16.2960, 31.4061,
6.7564

■ 16.2960, 31.4061,
6.7564

■ 237.9770, 8.3923,
14.9292

■ 6.4980, 24.8975,
-5.6987

■ 64.5570, 32.2634,
11.7895

■ 5.0500, 14.2723,
-4.4289

■ 88.9100, 33.5684,
13.2339

■ 0.9120, 3.4944,
-0.7998

■ 114.1490, 34.4365,
14.7783

■ 0.0000, 0.0000,
0.0000

■ 140.6760, 35.1627,
15.1931

■ 167.6160, 36.1783,
16.1228

■ 193.4330, 30.3525,

18.0373

■ 218.2520, 18.1168,
22.5810

■ 16.2960, 31.4061,
6.7564

■ 22.7860, 28.2065,
6.3267

■ 28.9770, 25.1543,
5.2822

■ 35.4670, 21.9548,
4.8524

■ 41.6580, 18.9026,
3.8079

■ 48.1480, 15.7030,
3.3782

■ 54.6380, 12.5035,
2.9485

■ 60.8290, 9.4513,
1.9040

■ 67.3190, 6.2517,
1.4742

■ 73.5100, 3.1996,
0.4297

Harmonies

Analogous

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



25.7330, 35.1346, -22.5678



16.2960, 31.4061, 6.7564



25.8040, 10.9426, 37.0059

Triad

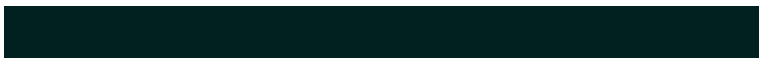
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



16.2960, 31.4061, 6.7564



18.4610, -9.1013, 25.9057



23.0190, 4.4276, -20.1877

Complementary

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



16.2960, 31.4061, 6.7564



63.7040, -31.4061, -6.7564

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.



18.7840, -9.2605, -16.4736



16.2960, 31.4061, 6.7564



19.4590, -9.5933, -3.0335

Square

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



16.2960, 31.4061, 6.7564



20.3320, -10.0237, 41.8048



18.7840, -9.2605, -16.4736



28.2970, 19.5736, -24.8165

Rectangle

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



16.2960, 31.4061, 6.7564



25.8730, -0.4304, 44.8384



18.7840, -9.2605, -16.4736



21.5370, -1.2507, -18.8879

Sweetspot

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



16.2960, 31.4061, 6.7564



79.6380, 12.5035, 2.9485



41.9920, 18.7379, -36.8270



38.0740, 7.8515, 1.6891



181.0000, 0.0000, 0.0000



54.0000, 0.0000, 0.0000

Same Dimension

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



16.2960, 31.4061, 6.7564



21.2390, 41.2942, 8.5604



28.2560, 25.5098, 31.3475



37.7550, 1.5998, 0.2149



47.3780, 91.0186, 19.8395

Inverse Universe

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



30.3040, 12.6681, 43.5834



39.7170, 16.4085, 57.2532



51.7440, -25.5098, -31.3475



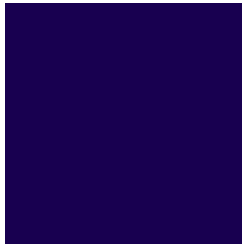
38.5380, 0.7208, 2.1592



87.8360, 36.5629, 126.4318

Previews

White Background



This preview shows how the YUV color 16.2960, 31.4061, 6.7564 looks on a white background.

Color Contrast Check

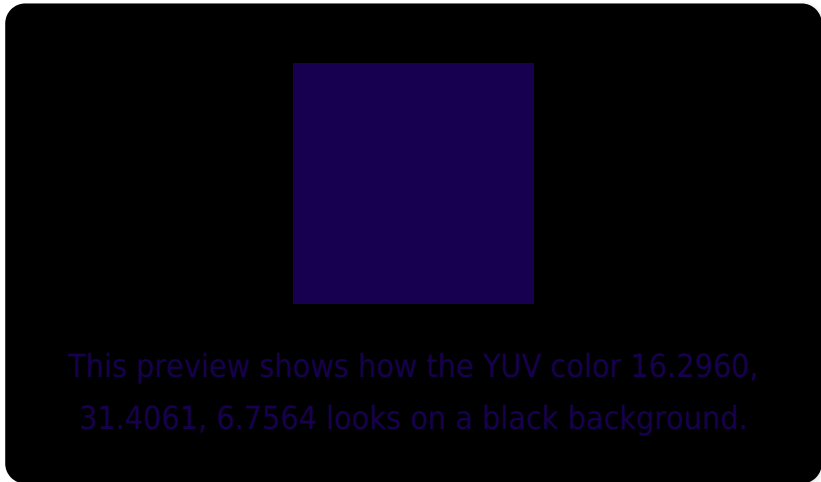
Large Text (above 18pt) WCAG AA ✓ Pass

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

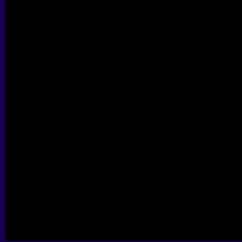
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 16.2960, 31.4061, 6.7564

Background



This preview shows how black text looks on a background with the YUV color 16.2960, 31.4061, 6.7564.



This preview shows how white text looks on a background with the YUV color 16.2960, 31.4061,

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



Protanopia

21.4180, 16.0629, -18.7836

Deuteranopia

21.0930, 12.2792, -18.4986

Tritanopia

20.5570, 5.1484, -18.0285

Trichromacy



Protanomaly

19.8520, 21.2720, -9.5172

Deuteranomaly

19.2820, 19.0880, -9.0173

Tritanomaly

18.8430, 14.8674, -8.6323

Monochromacy



Achromatopsia

16.0000, 0.0000, 0.0000

Achromatomaly

15.9970, 11.3405, 2.6336

CSS Examples

Text

The CSS property to change the color of the text to YUV 16.2960, 31.4061, 6.7564 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(24, 0, 80)` looks like.

```
.text, #text, p{  
    color:rgb(24, 0, 80)  
}
```

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(24, 0, 80) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(24, 0, 80) }
```

Border

The CSS property to change the border of an element to YUV 16.2960, 31.4061, 6.7564 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(24, 0, 80) }
```

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

```
.border{ border-color:rgb(24, 0, 80) }
```

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

Here you see how a box with a 4 pixel `rgb(24, 0, 80)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(24, 0, 80); -webkit-box-shadow:4px  
4px 4px 4px rgb(24, 0, 80); box-shadow:4px  
4px 4px 4px rgb(24, 0, 80) }
```

Background

The CSS property to change the background color of an element to YUV 16.2960, 31.4061, 6.7564 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(24, 0, 80) }
```

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

```
.background{ background-color: rgb(24, 0,  
80) }
```

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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