

Converting Colors

YUV(31.1880, 62.0253,
-14.1969)

Have a look what the booklet for
YUV(31.1880, 62.0253, -14.1969)
contains.

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Color

**YUV(31.1880, 62.0253,
-14.1969)**

Conversions

Conversions Part 1

Format	Color
Hex	0F0F9D
RGB	15, 15, 157
RGB Percent	6%, 6%, 62%
CMY	0.9412, 0.9412, 0.3843
CMYK	0.90, 0.90, 0.00, 0.38
HSL	240°, 83%, 34%
HSV	240°, 90%, 62%
XYZ	6.4536, 2.8775, 32.1136
YIQ	31.1880, -45.5820, 44.1620

Conversions

Conversions Part 2

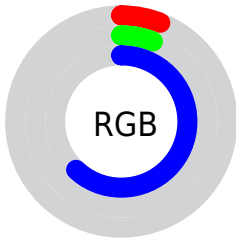
Format	Color
R_{YB}	15, 15, 157
Decimal	987037
CIE _{Lab}	19.55, 50.76, -71.84
CIE _{LCh}	20, 87.967, 305.245
Yxy	2.8775, 0.1557, 0.0694
Android (android.graphics.Color)	4279177117 (0xFF0F0F9D)
YUV	31.1880, 62.0253, -14.1969
Hunter-Lab	16.9633, 38.2241, -100.3690

Details

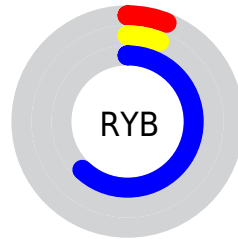
The YUV color **31.1880, 62.0253, -14.1969** is a dark color, and the websafe version is hex **000099**. A complement of this color would be **140.8120, -62.0253, 14.1969**, and the grayscale version is **31.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **90.8420, 60.2239, 3.6466**, and **11.8560, 45.4270, -10.3977** is the 20% darker color. If you saturate the color by 10%, you get **17.8980, 68.5773, -15.6965**, and if you desaturate by 10%, it is **45.3640, 55.0365, -12.5972**.

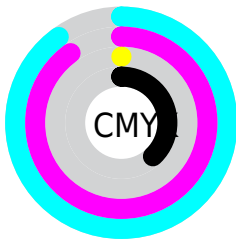
Distribution



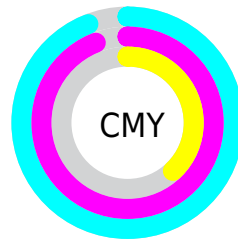
- Red (6%)
- Green (6%)
- Blue (62%)



- Red (6%)
- Yellow (6%)
- Blue (62%)



- Cyan (90%)
- Magenta (90%)
- Yellow (0%)
- Black (38%)



- Cyan (94%)
- Magenta (94%)
- Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the YUV color 31.1880, 62.0253, -14.1969 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 31.1880, 62.0253, -14.1969 by changing the saturation by 10% instead.

■ 31.1880, 62.0253,
-14.1969

■ 31.1880, 62.0253,
-14.1969

■ 253.8260, 0.5788,
1.0296

■ 14.8200, 56.7837,
-12.9971

■ 90.8420, 60.2239,
3.6466

■ 11.8560, 45.4270,
-10.3977

■ 117.7930, 61.2341,
6.3205

■ 12.5280, 32.7707,
-10.9871

■ 142.9200, 55.2554,
10.5942

■ 9.2050, 22.5769,
-8.0728

■ 167.1520, 43.3091,
15.6527

■ 4.9360, 13.8356,
-4.3289

■ 191.9710, 31.0733,
20.1964

■ 0.5700, 2.1840,
-0.4999

■ 217.6760, 18.4007,

■ 0.0000, 0.0000,

24.8401

0.0000

■ 236.8030, 8.9711,
15.9588

■ 31.1880, 62.0253,
-14.1969

■ 31.1880, 62.0253,
-14.1969

■ 17.8980, 68.5773,
-15.6965

■ 45.3640, 55.0365,
-12.5972

■ 58.6540, 48.4846,
-11.0976

■ 72.8300, 41.4958,
-9.4979

■ 87.0060, 34.5070,
-7.8983

■ 101.1820, 27.5183,
-6.2986

■ 114.4720, 20.9663,
-4.7989

■ 128.6480, 13.9775,
-3.1993

■ 142.8240, 6.9888,
-1.5996

■ 156.1140, 0.4368,
-0.1000

Harmonies

Analogous

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



54.9080, 63.1494, -48.1543



31.1880, 62.0253, -14.1969



49.1170, 26.5643, 66.5494

Triad

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



31.1880, 62.0253, -14.1969



36.0580, -17.7766, 55.2001



45.9410, 5.9451, -40.2903

Complementary

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



31.1880, 62.0253, -14.1969



140.8120, -62.0253, 14.1969

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.



38.1550, -18.8104, -33.4619



31.1880, 62.0253, -14.1969



44.0010, -21.6925, 4.3841

Square

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



31.1880, 62.0253, -14.1969



40.0660, -19.7525, 82.3801



35.8070, -17.6529, -31.4027



54.5250, 33.7582, -47.8184

Rectangle

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



31.1880, 62.0253, -14.1969



50.0100, 5.4181, 82.4292



35.8070, -17.6529, -31.4027



42.7320, -3.8119, -37.4760

Sweetspot

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



31.1880, 62.0253, -14.1969



155.2700, 24.0239, -5.4988



114.5420, 20.9318, -87.2983



72.7620, 14.4143, -3.2993



230.0000, 0.0000, 0.0000



102.0000, 0.0000, 0.0000

Same Dimension

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



31.1880, 62.0253, -14.1969



23.2560, 89.1068, -20.3955



52.4170, 51.5594, 29.4523



71.9120, 3.4944, -0.7998



16.3020, 62.4621, -14.2969



1.7100, 6.5520, -1.4997

Inverse Universe

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



73.6460, 41.0935, 73.1015



84.2520, 59.0358, 105.0190



119.5830, -51.5594, -29.4523



74.3040, 2.3151, 4.1184



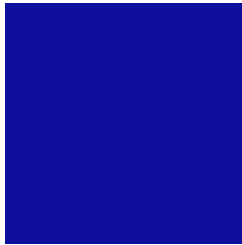
59.0590, 41.3829, 73.6163



6.1950, 4.3409, 7.7220

Previews

White Background



This preview shows how the YUV color 31.1880, 62.0253, -14.1969 looks on a white background.

Color Contrast Check

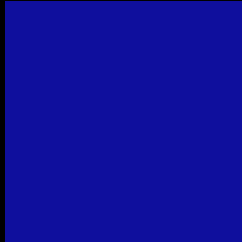
Large Text (above 18pt) WCAG AA ✓ Pass

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 31.1880, 62.0253, -14.1969 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

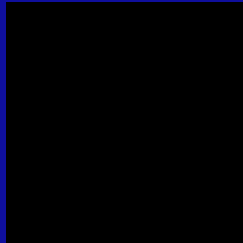
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 31.1880, 62.0253, -14.1969

Background



This preview shows how black text looks on a background with the YUV color 31.1880, 62.0253, -14.1969.



This preview shows how white text looks on a background with the YUV color 31.1880, 62.0253, -14.1969.

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

31.1880, 62.0253, -14.1969

Protanopia

38.8750, 29.6416, -34.0934

Deuteranopia

39.5130, 21.9321, -34.6529



Tritanopia

38.7830, 8.9810, -34.0127

Trichromacy



Original Color

31.1880, 62.0253, -14.1969

Protanomaly

35.7200, 41.5500, -26.9414

Deuteranomaly

36.4550, 36.7507, -27.5860

Tritanomaly

35.5770, 28.3095, -26.8160

Monochromacy



Original Color

31.1880, 62.0253, -14.1969

Achromatopsia

31.0000, 0.0000, 0.0000

Achromatomaly

30.9280, 22.7135, -5.1989

CSS Examples

Text

The CSS property to change the color of the text to YUV 31.1880, 62.0253, -14.1969 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(15, 15, 157)` looks like.

```
.text, #text, p{  
    color:rgb(15, 15, 157)  
}
```

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(15, 15, 157) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(15, 15, 157) }
```

Border

The CSS property to change the border of an element to YUV 31.1880, 62.0253, -14.1969 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(15, 15, 157) }
```


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

```
.border{ border-color:rgb(15, 15, 157) }
```

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

Here you see how a box with a 4 pixel `rgb(15, 15, 157)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(15, 15, 157); -webkit-box-  
shadow:4px 4px 4px 4px rgb(15, 15, 157);  
box-shadow:4px 4px 4px 4px rgb(15, 15,  
157) }
```

Background

The CSS property to change the background color of an element to YUV 31.1880, 62.0253, -14.1969 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(15, 15, 157) }
```

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

```
.background{ background-color: rgb(15, 15,  
157) }
```

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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