

Converting Colors

YUV(65.9860, 65.0829,
-14.8967)

Have a look what the booklet for
YUV(65.9860, 65.0829, -14.8967)
contains.

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Color

**YUV(65.9860, 65.0829,
-14.8967)**

Conversions

Conversions Part 1

Format	Color
Hex	3131C6
RGB	49, 49, 198
RGB Percent	19%, 19%, 78%
CMY	0.8078, 0.8078, 0.2235
CMYK	0.75, 0.75, 0.00, 0.22
HSL	240°, 60%, 48%
HSV	240°, 75%, 78%
XYZ	12.5580, 6.9268, 54.1012
YIQ	65.9860, -47.8290, 46.3390

Conversions

Conversions Part 2

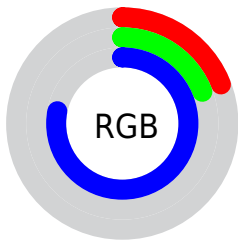
Format	Color
R_{YB}	49, 49, 198
Decimal	3224006
CIE Lab	31.64, 49.32, -76.27
CIE LCh	32, 90.827, 302.887
Yxy	6.9268, 0.1707, 0.0941
Android (android.graphics.Color)	4281414086 (0xFF3131C6)
YUV	65.9860, 65.0829, -14.8967
Hunter-Lab	26.3188, 39.1129, -103.4538

Details

The YUV color **65.9860, 65.0829, -14.8967** is a dark color, and the websafe version is hex **3333CC**. The color can be described as dark muted blue. A complement of this color would be **181.0140, -65.0829, 14.8967**, and the grayscale version is **65.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **121.5900, 65.7711, -2.2714**, and **18.0630, 61.5939, -15.8413** is the 20% darker color. If you saturate the color by 10%, you get **48.2660, 73.8189, -16.8963**, and if you desaturate by 10%, it is **83.7060, 56.3469, -12.8972**.

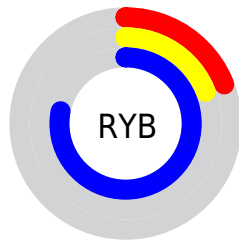
Distribution



Red (19%)

Green (19%)

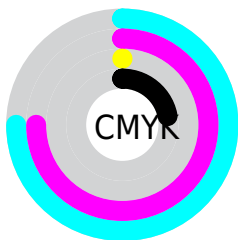
Blue (78%)



Red (19%)

Yellow (19%)

Blue (78%)

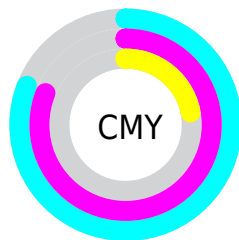


Cyan (75%)

Magenta (75%)

Yellow (0%)

Black (22%)



Cyan (81%)

Magenta (81%)

Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the YUV color 65.9860, 65.0829, -14.8967 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 65.9860, 65.0829, -14.8967 by changing the saturation by 10% instead.

■ 65.9860, 65.0829,
-14.8967

■ 65.9860, 65.0829,
-14.8967

■ 255.0000, 0.0000,
0.0000

■ 34.6420, 66.7315,
-30.3810

■ 121.5900, 65.7711,
-2.2714

■ 18.0630, 61.5939,
-15.8413

■ 146.1210, 53.6773,
3.4019

■ 13.2240, 50.6686,
-11.5974

■ 170.3530, 41.7310,
8.4604

■ 12.0210, 38.4436,
-10.5424

■ 195.4710, 29.3478,
13.6189

■ 11.6330, 26.8029,
-10.2021

■ 221.1760, 16.6752,
18.2626

■ 6.6630, 17.9141,
-5.8435

■ 241.4990, 6.6560,

■ 2.9810, 8.8834,

11.8404

-2.6143

■ 0.0000, 0.0000,
0.0000

■ 65.9860, 65.0829,
-14.8967

■ 65.9860, 65.0829,
-14.8967

■ 48.2660, 73.8189,
-16.8963

■ 83.7060, 56.3469,
-12.8972

■ 30.5460, 82.5548,
-18.8958

■ 101.4260, 47.6110,
-10.8976

■ 22.5720, 86.4860,
-19.7956

■ 118.2600, 39.3118,
-8.9980

■ 135.9800, 30.5759,
-6.9985

■ 153.7000, 21.8399,
-4.9989

■ 171.4200, 13.1039,
-2.9993

■ 189.1400, 4.3680,
-0.9998

■ 205.9740, -3.9312,
0.8998

■ 223.6940,
-12.6671, 2.8994

Harmonies

Analogous

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



75.2030, 72.3709, -65.9530



65.9860, 65.0829, -14.8967



63.3160, 38.2982, 83.0379

Triad

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



65.9860, 65.0829, -14.8967



64.1660, -31.6338, 66.5064



66.6460, 6.5835, -58.4485

Complementary

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



65.9860, 65.0829, -14.8967



181.0140, -65.0829, 14.8967

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.



56.3520, -27.7815, -49.4207



65.9860, 65.0829, -14.8967



69.7390, -34.3813, 14.2609

Square

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



65.9860, 65.0829, -14.8967



52.9230, -26.0910, 108.8155



52.8300, -26.0452, -46.3319



76.0280, 37.4542, -66.6766

Rectangle

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



65.9860, 65.0829, -14.8967



65.5470, 14.5203, 103.0063



52.8300, -26.0452, -46.3319



63.2090, -4.0470, -55.4343

Sweetspot

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



65.9860, 65.0829, -14.8967



202.7260, 25.7711, -5.8987



153.4490, 21.9636, -91.6018



96.1040, 15.7247, -3.5992



0.0000, 0.0000, 0.0000



128.0000, 0.0000, 0.0000

Same Dimension

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



65.9860, 65.0829, -14.8967



51.2200, 100.4635, -22.9949



88.4110, 54.0274, 31.2116



91.0260, 3.9312, -0.8998



18.5820, 71.1981, -16.2964



4.1040, 15.7247, -3.5992

Inverse Universe

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



110.5370, 43.1193, 76.7051



119.9900, 66.5599, 118.4038



158.8880, -54.1748, -30.5968



93.7170, 2.6045, 4.6332



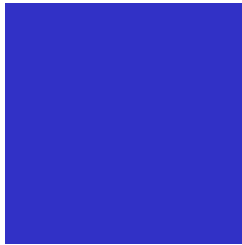
67.3190, 47.1707, 83.9122



14.8680, 10.4181, 18.5328

Previews

White Background



This preview shows how the YUV color 65.9860, 65.0829, -14.8967 looks on a white background.

Color Contrast Check

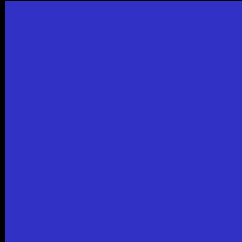
Large Text (above 18pt) WCAG AA ✓ Pass

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 65.9860, 65.0829, -14.8967 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 65.9860, 65.0829, -14.8967

Background



This preview shows how black text looks on a background with the YUV color 65.9860, 65.0829, -14.8967.



This preview shows how white text looks on a background with the YUV color 65.9860, 65.0829,

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

65.9860, 65.0829, -14.8967

Protanopia

59.4780, 45.1203, -52.1622

Deuteranopia

59.2040, 33.9164, -51.9219



Tritanopia

58.0520, 14.2714, -50.9116

Trichromacy



Original Color

65.9860, 65.0829, -14.8967

Protanomaly

62.1020, 52.2077, -38.6775

Deuteranomaly

61.5660, 45.0770, -38.2074

Tritanomaly

60.9500, 32.5627, -37.6671

Monochromacy



Original Color

65.9860, 65.0829, -14.8967

Achromatopsia

66.0000, 0.0000, 0.0000

Achromatomaly

66.1560, 23.5871, -5.3988

CSS Examples

Text

The CSS property to change the color of the text to YUV 65.9860, 65.0829, -14.8967 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(49, 49, 198)` looks like.

```
.text, #text, p{  
    color:rgb(49, 49, 198)  
}
```

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(49, 49, 198) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(49, 49, 198) }
```

Border

The CSS property to change the border of an element to YUV 65.9860, 65.0829, -14.8967 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(49, 49, 198) }
```


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

```
.border{ border-color:rgb(49, 49, 198) }
```

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

Here you see how a box with a 4 pixel `rgb(49, 49, 198)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(49, 49, 198); -webkit-box-  
shadow:4px 4px 4px 4px rgb(49, 49, 198);  
box-shadow:4px 4px 4px 4px rgb(49, 49,  
198) }
```

Background

The CSS property to change the background color of an element to YUV 65.9860, 65.0829, -14.8967 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(49, 49, 198) }
```

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

```
.background{ background-color: rgb(49, 49,  
198) }
```

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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