

Converting Colors

YUV(147.5160, 48.0596,
31.9965)

Have a look what the booklet for
YUV(147.5160, 48.0596, 31.9965)
contains.

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Color

**YUV(147.5160, 48.0596,
31.9965)**

Conversions

Conversions Part 1

Format	Color
Hex	B86EF5
RGB	184, 110, 245
RGB Percent	72%, 43%, 96%
CMY	0.2784, 0.5686, 0.0392
CMYK	0.25, 0.55, 0.00, 0.04
HSL	273°, 87%, 70%
HSV	273°, 55%, 96%
XYZ	41.8245, 27.9348, 89.5738
YIQ	147.5160, 0.7690, 57.6730

Conversions

Conversions Part 2

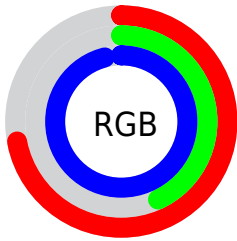
Format	Color
RYB	184, 110, 245
Decimal	12087029
CIELab	59.83, 53.45, -56.66
CIELCh	60, 77.895, 313.333
Yxy	27.9348, 0.2625, 0.1753
Android (android.graphics.Color)	4290277109 (0xFFB86EF5)
YUV	147.5160, 48.0596, 31.9965
Hunter-Lab	52.8534, 48.7593, -63.4850

Details

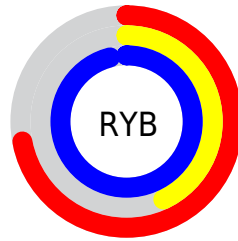
The YUV color **147.5160, 48.0596, 31.9965** is a light color, and the websafe version is hex **CC66FF**. A complement of this color would be **207.4840, -48.0596, -31.9965**, and the grayscale version is **147.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **197.9950, 28.1035, 39.4694**, and **93.4510, 46.6127, 29.4225** is the 20% darker color. If you saturate the color by 10%, you get **130.1390, 56.6265, 37.5891**, and if you desaturate by 10%, it is **165.4800, 39.2034, 25.8890**.

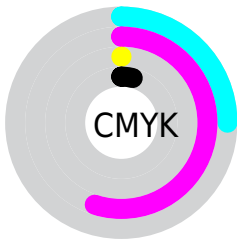
Distribution



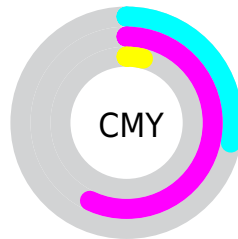
- Red (72%)
- Green (43%)
- Blue (96%)



- Red (72%)
- Yellow (43%)
- Blue (96%)



- Cyan (25%)
- Magenta (55%)
- Yellow (0%)
- Black (4%)



- Cyan (28%)
- Magenta (57%)
- Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the YUV color 147.5160, 48.0596, 31.9965 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 147.5160, 48.0596, 31.9965 by changing the saturation by 10% instead.

■ 147.5160, 48.0596,
31.9965

■ 147.5160, 48.0596,
31.9965

255.0000, 0.0000,
0.0000

■ 120.2770, 47.1914,
30.4521

■ 197.9950, 28.1035,
39.4694

■ 93.4510, 46.6127,
29.4225

■ 218.0190, 18.2316,
32.4323

■ 65.4510, 46.6127,
29.4225

■ 234.4550, 10.1287,
18.0180

■ 36.5050, 48.0650,
30.2521

■ 251.4780, 1.7363,
3.0888

■ 24.8700, 40.9831,
15.0230

■ 13.6480, 34.1905,
0.3087

■ 6.6120, 25.3343,

-5.7987

■ 5.2780, 15.1459,
-4.6288

■ 1.2540, 4.8048,
-1.0998

■ 147.5160, 48.0596,
31.9965

■ 147.5160, 48.0596,
31.9965

■ 130.1390, 56.6265,
37.5891

■ 165.4800, 39.2034,
25.8890

■ 112.1750, 65.4827,
43.6965

■ 182.8570, 30.6365,
20.2964

■ 94.7980, 74.0496,
49.2892

■ 200.8210, 21.7802,
14.1890

■ 76.8340, 82.9058,
55.3966

■ 218.1980, 13.2134,
8.5964

67.9960, 87.2630,
57.8855

236.1620, 4.3571,
2.4889

252.3650, -3.6309,
-2.0741

253.8600, -4.3680,
0.9998

Harmonies

Analogous

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



112.4240, 70.2900, -98.5958



147.5160, 48.0596, 31.9965



137.4950, 23.4200, 95.1589

Triad

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



147.5160, 48.0596, 31.9965



135.8440, -66.9711, 60.6498



122.5610, 25.3594, -107.4860

Complementary

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



147.5160, 48.0596, 31.9965



207.4840, -48.0596, -31.9965

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.



112.5920, -5.2219, -98.7432



147.5160, 48.0596, 31.9965



132.2910, -65.2195, 12.0228

Square

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



147.5160, 48.0596, 31.9965



134.8450, -41.3356, 98.3599



118.0580, -45.3846, -50.0399



127.9820, 53.7459, -112.2402

Rectangle

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



147.5160, 48.0596, 31.9965



128.0120, 5.9101, 111.3685



118.0580, -45.3846, -50.0399



119.2380, 15.1657, -104.5717

Sweetspot

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



147.5160, 48.0596, 31.9965



223.7790, 15.3920, 9.8408



162.3710, 40.7361, -45.9294



109.1500, 9.2931, 6.0075



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.



147.5160, 48.0596, 31.9965



133.6600, 59.8206, 39.7632



165.2990, 37.3206, 69.8978



113.4610, 4.2097, 3.1037



51.7020, 66.2089, 44.1113



16.2940, 21.0541, 13.7742

Inverse Universe

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



157.3190, 6.7447, 76.8962



145.8960, 8.4323, 95.6842



189.7010, -37.3206, -69.8978



114.2720, 0.8519, 6.7775



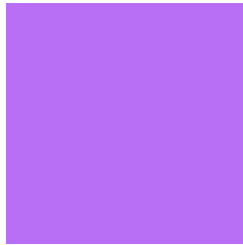
65.1900, 9.2733, 105.9504



20.7190, 3.0965, 33.5724

Previews

White Background



This preview shows how the YUV color 147.5160, 48.0596, 31.9965 looks on a white background.

Color Contrast Check

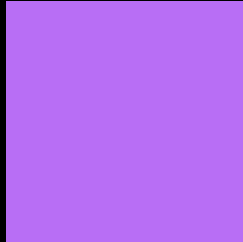
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the YUV color 147.5160, 48.0596, 31.9965 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

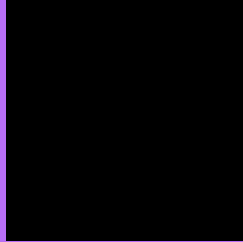
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 147.5160, 48.0596, 31.9965

Background



This preview shows how black text looks on a background with the YUV color 147.5160, 48.0596, 31.9965.



This preview shows how white text looks on a background with the YUV color 147.5160, 48.0596, 31.9965.

31.9965.

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

147.5160, 48.0596, 31.9965

Protanopia

138.7470, 57.3127, -42.7511

Deuteranopia

137.3630, 49.6140, -46.7994



Tritanopia

146.4090, -0.2016, 18.0583

Trichromacy



Original Color

147.5160, 48.0596, 31.9965



Protanomaly

142.0000, 53.7370, -15.7860



Deuteranomaly

140.8380, 49.3799, -18.2749



Tritanomaly

147.0240, 17.2432, 22.7810

Monochromacy



Original Color

147.5160, 48.0596, 31.9965



Achromatopsia

148.0000, 0.0000, 0.0000



Achromatomaly

147.6590, 17.4231, 11.7001

CSS Examples

Text

The CSS property to change the color of the text to YUV 147.5160, 48.0596, 31.9965 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(184, 110, 245)` looks like.

```
.text, #text, p{  
    color:rgb(184, 110, 245)  
}
```

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(184, 110, 245) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(184, 110, 245) }
```

Border

The CSS property to change the border of an element to YUV 147.5160, 48.0596, 31.9965 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(184, 110, 245) }
```


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

```
.border{ border-color:rgb(184, 110, 245) }
```

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

Here you see how a box with a 4 pixel `rgb(184, 110, 245)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(184, 110, 245); -webkit-box-  
shadow:4px 4px 4px 4px rgb(184, 110, 245);  
box-shadow:4px 4px 4px 4px rgb(184, 110,  
245) }
```

Background

The CSS property to change the background color of an element to YUV 147.5160, 48.0596, 31.9965 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(184, 110, 245) }
```

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

```
.background{ background-color: rgb(184,  
110, 245) }
```

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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