

Converting Colors

YUV(31.1610, 99.9996,
-14.1732)

Have a look what the booklet for
YUV(31.1610, 99.9996, -14.1732)
contains.

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Color

**YUV(31.1610, 99.9996,
-14.1732)**

Conversions

Conversions Part 1

Format	Color
Hex	0F00EA
RGB	15, 0, 234
RGB Percent	6%, 0%, 92%
CMY	0.9412, 1.0000, 0.0824
CMYK	0.94, 1.00, 0.00, 0.08
HSL	244°, 100%, 46%
HSV	244°, 100%, 92%
XYZ	15.0483, 6.0421, 78.2150
YIQ	31.1610, -66.1740, 75.9540

Conversions

Conversions Part 2

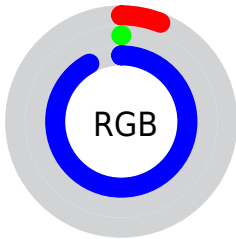
Format	Color
R _Y B	15, 0, 234
Decimal	983274
CIE Lab	29.52, 74.29, -100.64
CIE LCh	30, 125.089, 306.435
Yxy	6.0421, 0.1515, 0.0608
Android (android.graphics.Color)	4279173354 (0xFF0F00EA)
YUV	31.1610, 99.9996, -14.1732
Hunter-Lab	24.5806, 66.2618, -171.4530

Details

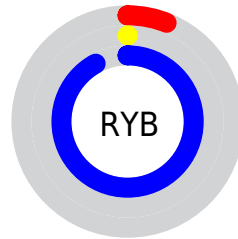
The YUV color **31.1610, 99.9996, -14.1732** is a dark color, and the websafe version is hex **3300FF**. The color can be described as dark washed blue. A complement of this color would be **202.8390, -99.9996, 14.1732**, and the grayscale version is **30.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **104.8550, 74.0215, 11.5282**, and **20.0640, 76.8764, -17.5961** is the 20% darker color. If you saturate the color by 10%, you get **31.1610, 99.9996, -14.1732**, and if you desaturate by 10%, it is **51.2400, 90.1007, -12.4885**.

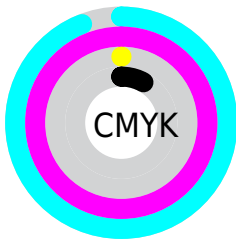
Distribution



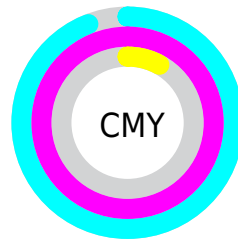
- Red (6%)
- Green (0%)
- Blue (92%)



- Red (6%)
- Yellow (0%)
- Blue (92%)



- Cyan (94%)
- Magenta (100%)
- Yellow (0%)
- Black (8%)



- Cyan (94%)
- Magenta (100%)
- Yellow (8%)

Brightness & Saturation Gradients

These gradients show how the YUV color 31.1610, 99.9996, -14.1732 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 31.1610, 99.9996, -14.1732 by changing the saturation by 10% instead.

■ 31.1610, 99.9996,
-14.1732

■ 31.1610, 99.9996,
-14.1732

255.0000, 0.0000,
0.0000

■ 23.3700, 89.5436,
-20.4955

■ 104.8550, 74.0215,
11.5282

■ 20.0640, 76.8764,
-17.5961

■ 130.8700, 61.1961,
18.5310

■ 16.9860, 65.0829,
-14.8967

■ 156.8850, 48.3707,
25.5339

■ 14.9680, 52.2738,
-13.1269

■ 182.3020, 35.8401,
31.3071

■ 19.0480, 37.4443,
-16.7051

■ 209.1920, 22.5833,
36.6656

■ 12.7900, 28.6975,
-11.2168


■ 226.8240, 13.8908,


■ 7.7060, 19.3719,


24.7104


-6.7582


 243.8470, 5.4984,
9.7812


 3.5510, 11.0674,
-3.1142


 0.0000, 0.0000,
0.0000

 31.1610, 99.9996,
-14.1732

 51.2400, 90.1007,
-12.4885

 71.9060, 79.9123,
-11.3186

 91.9850, 70.0134,
-9.6338

 112.6510, 59.8251,
-8.4639

■ 132.4310, 50.0735,
-7.3940

■ 152.5100, 40.1746,
-5.7093

■ 173.1760, 29.9862,
-4.5394

■ 193.2550, 20.0873,
-2.8546

■ 213.9210, 9.8989,
-1.6847

Harmonies

Analogous

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



79.5520, 86.4959, -69.7671



31.1610, 99.9996, -14.1732



73.3120, 37.8072, 100.5814

Triad

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



31.1610, 99.9996, -14.1732



49.2140, -24.2625, 82.2503



66.6120, 11.5303, -58.4187

Complementary

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



31.1610, 99.9996, -14.1732



202.8390, -99.9996, 14.1732

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.



54.5910, -26.9134, -47.8763



31.1610, 99.9996, -14.1732



63.4710, -31.2912, 3.0949

Square

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



31.1610, 99.9996, -14.1732



58.6040, -28.8918, 120.4963



52.2430, -25.7558, -45.8171



80.1320, 53.1789, -70.2758

Rectangle

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



31.1610, 99.9996, -14.1732



74.0890, 5.8721, 123.5789



52.2430, -25.7558, -45.8171



62.0350, -3.4683, -54.4047

Sweetspot

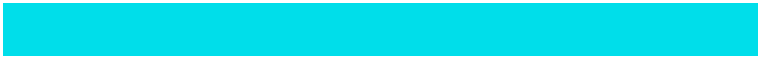
The Sweet Spot groups the original color and five complimentary colors.



31.1610, 99.9996, -14.1732



188.8600, 32.6070, -5.1392



156.9900, 37.9659, -137.6802



88.1410, 19.6505, -2.7547



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.



31.1610, 99.9996, -14.1732



33.8540, 109.0250, -15.6580



65.2470, 83.1952, 55.9114



107.2540, 4.8048, -1.0998



24.2220, 77.2916, -10.7187



7.0530, 23.1449, -3.5545

Inverse Universe

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



94.9320, 61.1655, 121.9626



103.4910, 66.8059, 132.8734



168.7530, -83.1952, -55.9114



110.5430, 3.1833, 5.6628



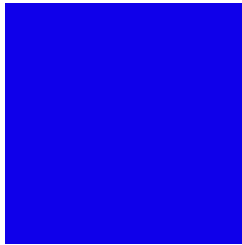
73.3850, 47.1382, 94.3784



21.8460, 13.8799, 28.1991

Previews

White Background



This preview shows how the YUV color 31.1610, 99.9996, -14.1732 looks on a white background.

Color Contrast Check

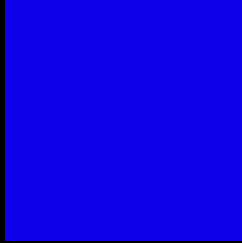
Large Text (above 18pt) WCAG AA ✓ Pass

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 31.1610, 99.9996, -14.1732 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

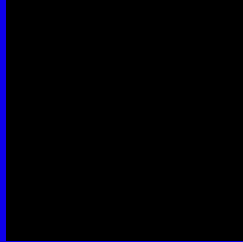
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 31.1610, 99.9996, -14.1732

Background



This preview shows how black text looks on a background with the YUV color 31.1610, 99.9996, -14.1732.



This preview shows how white text looks on a background with the YUV color 31.1610, 99.9996, -14.1732.

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

56.9190, 42.9309, -49.9180

Deuteranopia

56.7590, 32.1638, -49.7776

Tritanopia

55.7210, 12.9555, -48.8673

Trichromacy



Protanomaly

47.5010, 63.8430, -37.2734

Deuteranomaly

47.0790, 57.1491, -36.9033

Tritanomaly

46.4630, 44.6347, -36.3631

Monochromacy



Achromatopsia

31.0000, 0.0000, 0.0000

Achromatomaly

31.1850, 36.3908, -5.4242

CSS Examples

Text

The CSS property to change the color of the text to YUV 31.1610, 99.9996, -14.1732 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, 0, 234)` looks like.

```
.text, #text, p{  
    color:rgb(15, 0, 234)  
}
```

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, 0, 234) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(15, 0, 234) }
```

Border

The CSS property to change the border of an element to YUV 31.1610, 99.9996, -14.1732 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, 0, 234) }
```

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

```
.border{ border-color:rgb(15, 0, 234) }
```

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

Here you see how a box with a 4 pixel rgb(15, 0, 234) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(15, 0, 234); -webkit-box-  
shadow:4px 4px 4px 4px rgb(15, 0, 234);  
box-shadow:4px 4px 4px 4px rgb(15, 0, 234)  
}
```


Background

The CSS property to change the background color of an element to YUV 31.1610, 99.9996, -14.1732 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(15, 0, 234) }
```

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

```
.background{ background-color: rgb(15, 0,  
234) }
```

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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