

Converting Colors

YUV(31.0450, 89.2108, -7.0555)

Have a look what the booklet for
YUV(31.0450, 89.2108, -7.0555)
contains.

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Color

**YUV(31.0450, 89.2108,
-7.0555)**

Conversions

Conversions Part 1

Format	Color
Hex	1700D4
RGB	23, 0, 212
RGB Percent	9%, 0%, 83%
CMY	0.9098, 1.0000, 0.1686
CMYK	0.89, 1.00, 0.00, 0.17
HSL	247°, 100%, 42%
HSV	247°, 100%, 83%
XYZ	12.2370, 4.9356, 62.5951
YIQ	31.0450, -54.3440, 70.8080

Conversions

Conversions Part 2

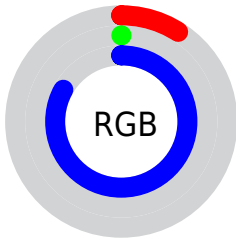
Format	Color
R_{YB}	23, 0, 212
Decimal	1507540
CIE _{Lab}	26.55, 69.07, -92.94
CIE _{LCh}	27, 115.789, 306.618
Yxy	4.9356, 0.1534, 0.0619
Android (android.graphics.Color)	4279697620 (0xFF1700D4)
YUV	31.0450, 89.2108, -7.0555
Hunter-Lab	22.2163, 59.4417, -151.5002

Details

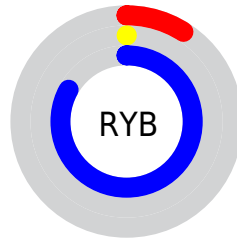
The YUV color **31.0450, 89.2108, -7.0555** is a dark color, and the websafe version is hex **0000CC**. The color can be described as dark washed blue. A complement of this color would be **180.9550, -89.2108, 7.0555**, and the grayscale version is **30.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **101.3110, 75.7687, 11.1283**, and **17.6700, 67.7037, -15.4966** is the 20% darker color. If you saturate the color by 10%, you get **31.0450, 89.2108, -7.0555**, and if you desaturate by 10%, it is **49.0530, 80.3329, -6.1855**.

Distribution



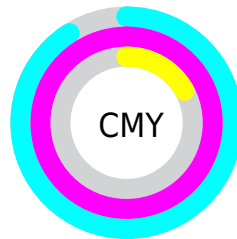
- Red (9%)
- Green (0%)
- Blue (83%)



- Red (9%)
- Yellow (0%)
- Blue (83%)



- Cyan (89%)
- Magenta (100%)
- Yellow (0%)
- Black (17%)



- Cyan (91%)
- Magenta (100%)
- Yellow (17%)

Brightness & Saturation Gradients

These gradients show how the YUV color 31.0450, 89.2108, -7.0555 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 31.0450, 89.2108, -7.0555 by changing the saturation by 10% instead.

■ 31.0450, 89.2108,
-7.0555

■ 31.0450, 89.2108,
-7.0555

255.0000, 0.0000,
0.0000

■ 20.8620, 79.9340,
-18.2960

■ 101.3110, 75.7687,
11.1283

■ 17.6700, 67.7037,
-15.4966

■ 127.0270, 63.0907,
17.5163

■ 14.5920, 55.9101,
-12.7972

■ 152.4440, 50.5601,
23.2896

■ 16.9110, 41.9489,
-14.8309

■ 177.8610, 38.0295,
29.0629

■ 14.6480, 30.7395,
-12.8463

■ 203.8650, 25.2096,
34.3214


■ 8.9770, 21.7033,
-7.8728


■ 223.8890, 15.3377,


■ 4.7080, 12.9620,


27.2843


-4.1289


 240.9120, 6.9454,
12.3552


 0.2280, 0.8736,
-0.2000

 0.0000, 0.0000,
0.0000

 31.0450, 89.2108,
-7.0555

 49.0530, 80.3329,
-6.1855

 67.0610, 71.4549,
-5.3155

 85.6560, 62.2876,
-4.9603

 103.6640, 53.4096,
-4.0903

■ 121.3730, 44.6791,
-3.8351

■ 139.3810, 35.8012,
-2.9651

■ 157.3890, 26.9232,
-2.0952

■ 175.9840, 17.7559,
-1.7400

■ 193.9920, 8.8779,
-0.8700

Harmonies

Analogous

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



73.6990, 86.9164, -64.6340



31.0450, 89.2108, -7.0555



66.6330, 34.1979, 91.5299

Triad

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



31.0450, 89.2108, -7.0555



45.9140, -22.6356, 73.7434



60.4170, 10.6404, -52.9857

Complementary

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



31.0450, 89.2108, -7.0555



180.9550, -89.2108, 7.0555

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.



49.8950, -24.5982, -43.7579



31.0450, 89.2108, -7.0555



57.2690, -28.2336, 2.3951

Square

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



31.0450, 89.2108, -7.0555



53.2220, -26.2384, 109.4303



47.5470, -23.4407, -41.6987



72.9110, 48.3579, -63.9429

Rectangle

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



31.0450, 89.2108, -7.0555



67.1970, 5.3259, 112.0832



47.5470, -23.4407, -41.6987



56.7690, -3.3371, -49.7864

Sweetspot

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



31.0450, 89.2108, -7.0555



190.0560, 32.0174, -2.6801



136.2850, 37.3275, -119.5219



88.7390, 19.3557, -1.5251



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.



31.0450, 89.2108, -7.0555



37.4420, 107.2561, -8.2806



62.1410, 73.8805, 56.8813



97.8520, 4.5100, 0.1298



25.1750, 71.8917, -5.4155



6.3970, 18.0453, -1.2252

Inverse Universe

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



84.9340, 51.3045, 111.4369



102.1230, 61.5644, 134.0731



149.8590, -73.8805, -56.8813



100.4290, 2.7465, 5.7628



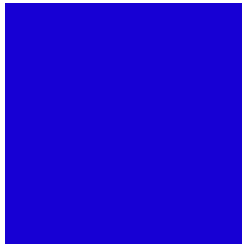
68.4570, 41.1867, 89.9302



17.3030, 10.6966, 22.5363

Previews

White Background



This preview shows how the YUV color 31.0450, 89.2108, -7.0555 looks on a white background.

Color Contrast Check

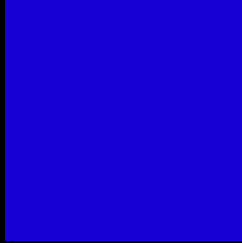
Large Text (above 18pt) WCAG AA ✓ Pass

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 31.0450, 89.2108, -7.0555 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

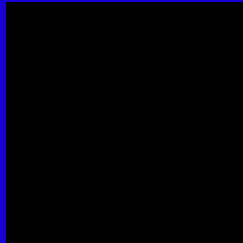
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 31.0450, 89.2108, -7.0555

Background



This preview shows how black text looks on a background with the YUV color 31.0450, 89.2108, -7.0555.



This preview shows how white text looks on a background with the YUV color 31.0450, 89.2108, -7.0555.

-7.0555.

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

51.9150, 38.9889, -45.5295

Deuteranopia

51.9830, 29.0954, -45.5891

Tritanopia

50.8140, 11.9237, -44.5639

Trichromacy



Protanomaly

44.1120, 57.1328, -31.6702

Deuteranomaly

44.5050, 51.0230, -32.0149

Tritanomaly

43.6440, 40.1085, -31.2598

Monochromacy



Achromatopsia

31.0000, 0.0000, 0.0000

Achromatomaly

31.1700, 32.4542, -2.7801

CSS Examples

Text

The CSS property to change the color of the text to YUV 31.0450, 89.2108, -7.0555 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(23, 0, 212)` looks like.

```
.text, #text, p{  
    color:rgb(23, 0, 212)  
}
```

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(23, 0, 212) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(23, 0, 212) }
```

Border

The CSS property to change the border of an element to YUV 31.0450, 89.2108, -7.0555 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(23, 0, 212) }
```

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

```
.border{ border-color:rgb(23, 0, 212) }
```

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

Here you see how a box with a 4 pixel `rgb(23, 0, 212)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(23, 0, 212); -webkit-box-  
shadow:4px 4px 4px 4px rgb(23, 0, 212);  
box-shadow:4px 4px 4px 4px rgb(23, 0, 212)  
}
```


Background

The CSS property to change the background color of an element to YUV 31.0450, 89.2108, -7.0555 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(23, 0, 212) }
```

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

```
.background{ background-color: rgb(23, 0,  
212) }
```

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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