

Converting Colors

YUV(32.1160, 84.7388,
-19.3957)

Have a look what the booklet for
YUV(32.1160, 84.7388, -19.3957)
contains.

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Color

**YUV(32.1160, 84.7388,
-19.3957)**

Conversions

Conversions Part 1

Format	Color
Hex	0A0ACC
RGB	10, 10, 204
RGB Percent	4%, 4%, 80%
CMY	0.9608, 0.9608, 0.2000
CMYK	0.95, 0.95, 0.00, 0.20
HSL	240°, 91%, 42%
HSV	240°, 95%, 80%
XYZ	11.1328, 4.6412, 57.4358
YIQ	32.1160, -62.2740, 60.3340

Conversions

Conversions Part 2

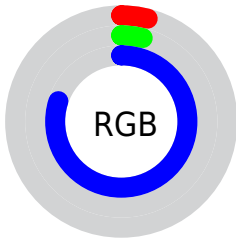
Format	Color
R _Y B	10, 10, 204
Decimal	658124
CIE Lab	25.69, 64.95, -89.72
CIE LCh	26, 110.767, 305.901
Yxy	4.6412, 0.1521, 0.0634
Android (android.graphics.Color)	4278848204 (0xFF0A0ACC)
YUV	32.1160, 84.7388, -19.3957
Hunter-Lab	21.5436, 54.5401, -142.9886

Details

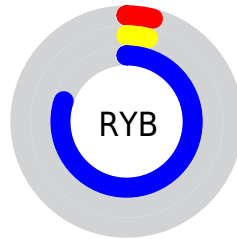
The YUV color **32.1160, 84.7388, -19.3957** is a dark color, and the websafe version is hex **0000CC**. The color can be described as dark washed blue. A complement of this color would be **181.8840, -84.7388, 19.3957**, and the grayscale version is **31.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **101.2780, 75.7849, 5.8952**, and **16.8720, 64.6461, -14.7967** is the 20% darker color. If you saturate the color by 10%, you get **23.2560, 89.1068, -20.3955**, and if you desaturate by 10%, it is **49.8360, 76.0029, -17.3962**.

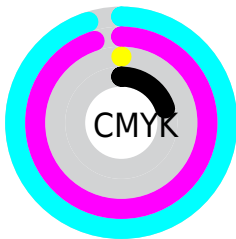
Distribution



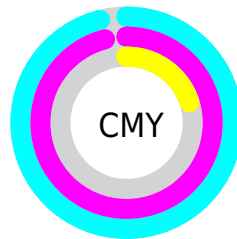
- Red (4%)
- Green (4%)
- Blue (80%)



- Red (4%)
- Yellow (4%)
- Blue (80%)



- Cyan (95%)
- Magenta (95%)
- Yellow (0%)
- Black (20%)



- Cyan (96%)
- Magenta (96%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the YUV color 32.1160, 84.7388, -19.3957 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 32.1160, 84.7388, -19.3957 by changing the saturation by 10% instead.

■ 32.1160, 84.7388,
-19.3957

■ 32.1160, 84.7388,
-19.3957

■ 255.0000, 0.0000,
0.0000

■ 20.0640, 76.8764,
-17.5961

■ 101.2780, 75.7849,
5.8952

■ 16.8720, 64.6461,
-14.7967

■ 126.4070, 63.3963,
12.7981

■ 13.7940, 52.8526,
-12.0973

■ 151.8240, 50.8658,
18.5714

■ 17.8740, 38.0231,
-15.6755

■ 177.2410, 38.3352,
24.3446

■ 12.6760, 28.2607,
-11.1169

■ 202.3590, 25.9520,
29.5032

■ 7.7060, 19.3719,
-6.7582

■ 224.4760, 15.0483,


■ 3.4370, 10.6306,


26.7695


-3.0142


 241.4990, 6.6560,
11.8404


 0.0000, 0.0000,
0.0000


 32.1160, 84.7388,
-19.3957


 32.1160, 84.7388,
-19.3957


 23.2560, 89.1068,
-20.3955

 49.8360, 76.0029,
-17.3962

 68.4420, 66.8301,
-15.2966

 86.1620, 58.0941,
-13.2971

 104.7680, 48.9214,
-11.1975

 122.4880, 40.1854,
-9.1980

■ 140.2080, 31.4495,
-7.1984

■ 158.8140, 22.2767,
-5.0989

■ 176.5340, 13.5407,
-3.0993

■ 195.1400, 4.3680,
-0.9998

Harmonies

Analogous

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



71.2710, 82.6904, -62.5047



32.1160, 84.7388, -19.3957



63.7850, 33.6300, 87.0116

Triad

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



32.1160, 84.7388, -19.3957



44.1310, -21.7566, 71.7991



58.6730, 9.0352, -51.4562

Complementary

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



32.1160, 84.7388, -19.3957



181.8840, -84.7388, 19.3957

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.



48.1340, -23.7301, -42.2135



32.1160, 84.7388, -19.3957



55.8070, -27.5129, 4.5543

Square

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



32.1160, 84.7388, -19.3957



51.4280, -25.3540, 105.7416



45.7860, -22.5725, -40.1543



70.1240, 45.2949, -61.4987

Rectangle

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



32.1160, 84.7388, -19.3957



64.6910, 6.0683, 107.2650



45.7860, -22.5725, -40.1543



54.6660, -3.7793, -47.9421

Sweetspot

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



32.1160, 84.7388, -19.3957



189.4360, 32.3231, -7.3984



145.9940, 28.5970, -119.2667



88.1300, 19.6559, -4.4990



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.



32.1160, 84.7388, -19.3957



29.0700, 111.3835, -25.4944



61.1190, 70.4403, 40.2376



93.1400, 4.3680, -0.9998



18.9240, 72.5085, -16.5963



4.3320, 16.5983, -3.7992

Inverse Universe

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



90.1220, 56.1419, 99.8710



105.3150, 73.7947, 131.2737



152.8810, -70.4403, -40.2376



96.1300, 2.8939, 5.1480



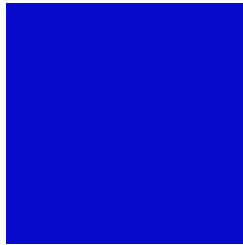
68.5580, 48.0389, 85.4566



15.6940, 10.9969, 19.5624

Previews

White Background



This preview shows how the YUV color 32.1160, 84.7388, -19.3957 looks on a white background.

Color Contrast Check

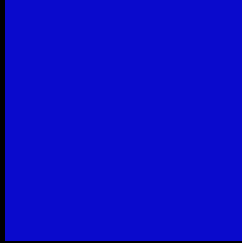
Large Text (above 18pt) WCAG AA ✓ Pass

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 32.1160, 84.7388, -19.3957 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

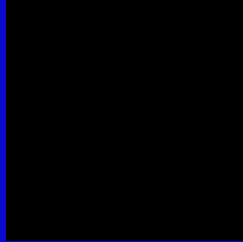
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 32.1160, 84.7388, -19.3957

Background



This preview shows how black text looks on a background with the YUV color 32.1160, 84.7388, -19.3957.



This preview shows how white text looks on a background with the YUV color 32.1160, 84.7388, -19.3957.

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

32.1160, 84.7388, -19.3957

Protanopia

49.5840, 37.6731, -43.4852

Deuteranopia

49.7660, 28.2164, -43.6448



Tritanopia

48.7110, 11.4815, -42.7195

Trichromacy



Original Color

32.1160, 84.7388, -19.3957

Protanomaly

43.4060, 54.5228, -34.5591

Deuteranomaly

43.2120, 48.7025, -34.3889

Tritanomaly

43.0520, 37.9354, -34.2486

Monochromacy



Original Color

32.1160, 84.7388, -19.3957

Achromatopsia

32.0000, 0.0000, 0.0000

Achromatomaly

32.0940, 31.0127, -7.0984

CSS Examples

Text

The CSS property to change the color of the text to YUV 32.1160, 84.7388, -19.3957 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(10, 10, 204)` looks like.

```
.text, #text, p{  
    color:rgb(10, 10, 204)  
}
```

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(10, 10, 204) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(10, 10, 204) }
```

Border

The CSS property to change the border of an element to YUV 32.1160, 84.7388, -19.3957 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(10, 10, 204) }
```


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

```
.border{ border-color:rgb(10, 10, 204) }
```

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

Here you see how a box with a 4 pixel rgb(10, 10, 204) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(10, 10, 204); -webkit-box-  
shadow:4px 4px 4px 4px rgb(10, 10, 204);  
box-shadow:4px 4px 4px 4px rgb(10, 10,  
204) }
```

Background

The CSS property to change the background color of an element to YUV 32.1160, 84.7388, -19.3957 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(10, 10, 204) }
```

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

```
.background{ background-color: rgb(10, 10,  
204) }
```

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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