

Converting Colors

YUV(37.7380, 94.7852,
-21.6952)

Have a look what the booklet for
YUV(37.7380, 94.7852, -21.6952)
contains.

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Color

**YUV(37.7380, 94.7852,
-21.6952)**

Conversions

Conversions Part 1

Format	Color
Hex	0D0DE6
RGB	13, 13, 230
RGB Percent	5%, 5%, 90%
CMY	0.9490, 0.9490, 0.0980
CMYK	0.94, 0.94, 0.00, 0.10
HSL	240°, 89%, 48%
HSV	240°, 94%, 90%
XYZ	14.5928, 6.0866, 75.2686
YIQ	37.7380, -69.6570, 67.4870

Conversions

Conversions Part 2

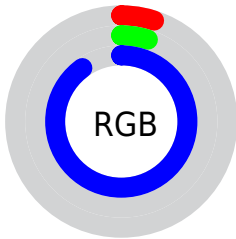
Format	Color
R_{YB}	13, 13, 230
Decimal	855526
CIE _{Lab}	29.63, 71.05, -98.17
CIE _{LCh}	30, 121.184, 305.897
Yxy	6.0866, 0.1521, 0.0634
Android (android.graphics.Color)	4279045606 (0xFF0D0DE6)
YUV	37.7380, 94.7852, -21.6952
Hunter-Lab	24.6710, 62.4080, -163.6178

Details

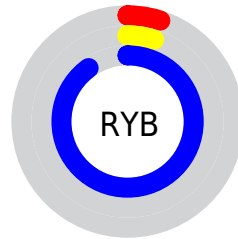
The YUV color **37.7380, 94.7852, -21.6952** is a dark color, and the websafe version is hex **0000CC**. The color can be described as dark washed blue. A complement of this color would be **205.2620, -94.7852, 21.6952**, and the grayscale version is **37.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **106.6050, 73.1587, 8.2394**, and **19.7220, 75.5661, -17.2962** is the 20% darker color. If you saturate the color by 10%, you get **26.2200, 100.4635, -22.9949**, and if you desaturate by 10%, it is **58.1160, 84.7388, -19.3957**.

Distribution



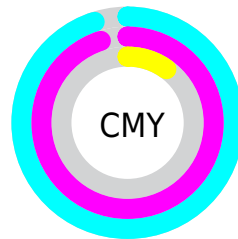
- Red (5%)
- Green (5%)
- Blue (90%)



- Red (5%)
- Yellow (5%)
- Blue (90%)



- Cyan (94%)
- Magenta (94%)
- Yellow (0%)
- Black (10%)



- Cyan (95%)
- Magenta (95%)
- Yellow (10%)

Brightness & Saturation Gradients

These gradients show how the YUV color 37.7380, 94.7852, -21.6952 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 37.7380, 94.7852, -21.6952 by changing the saturation by 10% instead.

■ 37.7380, 94.7852,
-21.6952

■ 37.7380, 94.7852,
-21.6952

■ 255.0000, 0.0000,
0.0000

■ 22.9140, 87.7964,
-20.0956

■ 106.6050, 73.1587,
8.2394

■ 19.7220, 75.5661,
-17.2962

■ 132.6200, 60.3333,
15.2423

■ 16.5300, 63.3357,
-14.4968

■ 157.7490, 47.9447,
22.1451

■ 15.2130, 50.6740,
-13.3418

■ 184.0520, 34.9774,
28.0184

■ 18.1190, 36.4233,
-15.8904

■ 210.0560, 22.1574,
33.2769


■ 11.7470, 27.2397,
-10.3021


■ 228.5850, 13.0226,


■ 6.7770, 18.3509,


23.1660


-5.9434


 245.6080, 4.6303,
8.2368


 3.2090, 9.7570,
-2.8143


 0.0000, 0.0000,
0.0000


 37.7380, 94.7852,
-21.6952

 37.7380, 94.7852,
-21.6952

 26.2200, 100.4635,
-22.9949

 58.1160, 84.7388,
-19.3957

 78.4940, 74.6925,
-17.0962

 98.8720, 64.6461,
-14.7967

 119.2500, 54.5998,
-12.4972

■ 139.6280, 44.5534,
-10.1978

■ 160.0060, 34.5070,
-7.8983

■ 180.3840, 24.4607,
-5.5988

■ 200.7620, 14.4143,
-3.2993

■ 221.1400, 4.3680,
-0.9998

Harmonies

Analogous

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



78.9650, 86.7853, -69.2523



37.7380, 94.7852, -21.6952



72.0020, 37.9600, 98.2222

Triad

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



37.7380, 94.7852, -21.6952



50.9750, -25.1307, 80.7059



66.3840, 10.6567, -58.2188

Complementary

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



37.7380, 94.7852, -21.6952



205.2620, -94.7852, 21.6952

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



37.7380, 94.7852, -21.6952



64.3680, -31.7334, 4.9393

Square

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



37.7380, 94.7852, -21.6952



58.0060, -28.5970, 119.2667



52.2430, -25.7558, -45.8171



79.5620, 50.9949, -69.7759

Rectangle

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



37.7380, 94.7852, -21.6952



73.1210, 7.3353, 120.9199



52.2430, -25.7558, -45.8171



61.9210, -3.9051, -54.3047

Sweetspot

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



37.7380, 94.7852, -21.6952



192.0940, 31.0127, -7.0984



165.1170, 31.9873, -133.4066



89.0160, 19.2191, -4.3990



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.



37.7380, 94.7852, -21.6952



29.0700, 111.3835, -25.4944



70.3290, 78.7178, 45.3155



104.3680, 5.2416, -1.1997



20.4060, 78.1868, -17.8961



5.8140, 22.2767, -5.0989

Inverse Universe

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



102.6210, 62.7978, 111.7114



105.3150, 73.7947, 131.2737



172.9700, -78.8652, -44.7007



107.9560, 3.4727, 6.1776



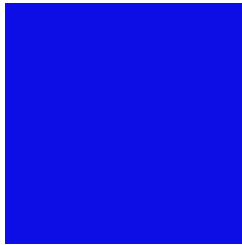
73.9270, 51.8010, 92.1490



21.0630, 14.7589, 26.2547

Previews

White Background



This preview shows how the YUV color 37.7380, 94.7852, -21.6952 looks on a white background.

Color Contrast Check

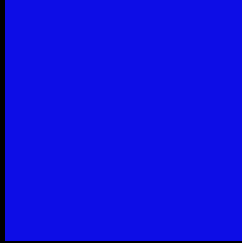
Large Text (above 18pt) WCAG AA ✓ Pass

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 37.7380, 94.7852, -21.6952 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 37.7380, 94.7852, -21.6952

Background



This preview shows how black text looks on a background with the YUV color 37.7380, 94.7852, -21.6952.



This preview shows how white text looks on a background with the YUV color 37.7380, 94.7852, -21.6952.

-21.6952.

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

37.7380, 94.7852, -21.6952

Protanopia

56.1040, 42.3467, -49.2032

Deuteranopia

56.5310, 31.2902, -49.5777



Tritanopia

55.1340, 13.2449, -48.3525

Trichromacy



Original Color

37.7380, 94.7852, -21.6952

Protanomaly

49.5070, 61.3750, -39.0326

Deuteranomaly

49.6720, 54.3917, -39.1773

Tritanomaly

48.6970, 43.0404, -38.3223

Monochromacy



Original Color

37.7380, 94.7852, -21.6952

Achromatopsia

38.0000, 0.0000, 0.0000

Achromatomaly

38.0060, 34.5070, -7.8983

CSS Examples

Text

The CSS property to change the color of the text to YUV 37.7380, 94.7852, -21.6952 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(13, 13, 230)` looks like.

```
.text, #text, p{  
    color:rgb(13, 13, 230)  
}
```

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(13, 13, 230) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(13, 13, 230) }
```

Border

The CSS property to change the border of an element to YUV 37.7380, 94.7852, -21.6952 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(13, 13, 230) }
```


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

```
.border{ border-color:rgb(13, 13, 230) }
```

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

Here you see how a box with a 4 pixel `rgb(13, 13, 230)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(13, 13, 230); -webkit-box-  
shadow:4px 4px 4px 4px rgb(13, 13, 230);  
box-shadow:4px 4px 4px 4px rgb(13, 13,  
230) }
```

Background

The CSS property to change the background color of an element to YUV 37.7380, 94.7852, -21.6952 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(13, 13, 230) }
```

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

```
.background{ background-color: rgb(13, 13,  
230) }
```

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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