

Converting Colors

YUV(42.6930, 82.9754,
-13.7628)

Have a look what the booklet for
YUV(42.6930, 82.9754, -13.7628)
contains.

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Color

**YUV(42.6930, 82.9754,
-13.7628)**

Conversions

Conversions Part 1

Format	Color
Hex	1B12D3
RGB	27, 18, 211
RGB Percent	11%, 7%, 83%
CMY	0.8941, 0.9294, 0.1725
CMYK	0.87, 0.91, 0.00, 0.17
HSL	243°, 84%, 45%
HSV	243°, 91%, 83%
XYZ	12.4262, 5.3688, 62.0094
YIQ	42.6930, -56.5890, 61.9310

Conversions

Conversions Part 2

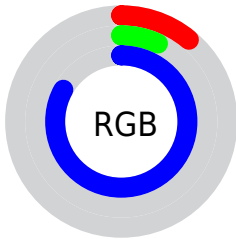
Format	Color
RYB	27, 18, 211
Decimal	1774291
CIELab	27.76, 65.14, -90.33
CIELCh	28, 111.370, 305.799
Yxy	5.3688, 0.1557, 0.0673
Android (android.graphics.Color)	4279964371 (0xFF1B12D3)
YUV	42.6930, 82.9754, -13.7628
Hunter-Lab	23.1706, 55.1792, -142.4529

Details

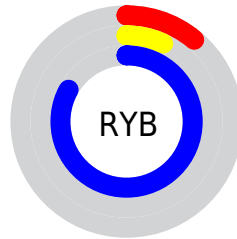
The YUV color **42.6930, 82.9754, -13.7628** is a dark color, and the websafe version is hex **0000CC**. The color can be described as dark washed blue. A complement of this color would be **186.3070, -82.9754, 13.7628**, and the grayscale version is **42.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **106.0070, 73.4535, 7.0099**, and **17.6700, 67.7037, -15.4966** is the 20% darker color. If you saturate the color by 10%, you get **27.0440, 90.6903, -14.9476**, and if you desaturate by 10%, it is **61.0000, 73.9500, -12.2780**.

Distribution



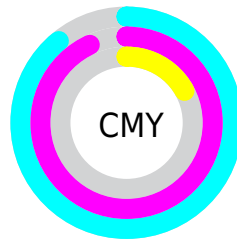
- Red (11%)
- Green (7%)
- Blue (83%)



- Red (11%)
- Yellow (7%)
- Blue (83%)



- Cyan (87%)
- Magenta (91%)
- Yellow (0%)
- Black (17%)



- Cyan (89%)
- Magenta (93%)
- Yellow (17%)

Brightness & Saturation Gradients

These gradients show how the YUV color 42.6930, 82.9754, -13.7628 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 42.6930, 82.9754, -13.7628 by changing the saturation by 10% instead.

■ 42.6930, 82.9754,
-13.7628

■ 42.6930, 82.9754,
-13.7628

■ 255.0000, 0.0000,
0.0000

■ 20.7480, 79.4972,
-18.1960

■ 106.0070, 73.4535,
7.0099

■ 17.6700, 67.7037,
-15.4966

■ 131.7230, 60.7756,
13.3979

■ 14.5920, 55.9101,
-12.7972

■ 156.5530, 48.5344,
19.6860

■ 15.6230, 42.0909,
-13.7014

■ 181.9700, 36.0038,
25.4593

■ 13.9470, 30.5921,
-12.2315

■ 207.6750, 23.3312,
30.1030


■ 8.8630, 21.2665,
-7.7729


■ 227.9980, 13.3120,


■ 4.5940, 12.5252,


23.6808


-4.0289


 245.0210, 4.9196,
8.7516


 0.1140, 0.4368,
-0.1000


 0.0000, 0.0000,
0.0000


 42.6930, 82.9754,
-13.7628


 42.6930, 82.9754,
-13.7628

 27.0440, 90.6903,
-14.9476

 61.0000, 73.9500,
-12.2780

 79.3070, 64.9246,
-10.7932

 97.6140, 55.8993,
-9.3085

 115.9210, 46.8739,
-7.8237

■ 134.5270, 37.7012,
-5.7242

■ 153.4210, 28.3864,
-4.7542

■ 171.7280, 19.3611,
-3.2695

■ 190.0350, 10.3357,
-1.7847

■ 208.3420, 1.3104,
-0.2999

Harmonies

Analogous

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



74.4170, 84.5904, -65.2637



42.6930, 82.9754, -13.7628



66.2630, 35.3663, 90.1003

Triad

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



42.6930, 82.9754, -13.7628



50.3330, -24.8142, 72.4990



62.0640, 9.3354, -54.4301

Complementary

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



42.6930, 82.9754, -13.7628



186.3070, -82.9754, 13.7628

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.



51.6560, -25.4664, -45.3023



42.6930, 82.9754, -13.7628



60.2370, -29.6968, 5.0542

Square

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



42.6930, 82.9754, -13.7628



53.5210, -26.3859, 110.0451



48.7210, -24.0195, -42.7283



73.7430, 46.4687, -64.6726

Rectangle

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



42.6930, 82.9754, -13.7628



67.3540, 7.2205, 111.0685



48.7210, -24.0195, -42.7283



58.0570, -3.4791, -50.9160

Sweetspot

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



42.6930, 82.9754, -13.7628



194.7630, 29.6968, -5.0542



149.7710, 30.1859, -115.5632



92.2720, 17.6139, -2.8695



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.



42.6930, 82.9754, -13.7628



32.6580, 109.6146, -18.1171



70.7990, 69.1191, 44.0263



95.5530, 4.6574, -0.4850



21.5440, 72.2028, -11.8781



5.2720, 17.6139, -2.8695

Inverse Universe

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



96.6830, 51.9213, 100.2560



103.9470, 68.5531, 132.4735



158.2010, -69.1191, -44.0263



98.4290, 2.7465, 5.7628



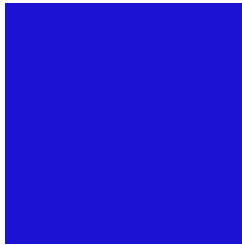
68.4720, 45.1233, 87.2861



16.7050, 10.9914, 21.3067

Previews

White Background



This preview shows how the YUV color 42.6930, 82.9754, -13.7628 looks on a white background.

Color Contrast Check

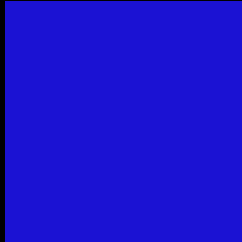
Large Text (above 18pt) WCAG AA ✓ Pass

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 42.6930, 82.9754, -13.7628 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 42.6930, 82.9754, -13.7628

Background



This preview shows how black text looks on a background with the YUV color 42.6930, 82.9754, -13.7628.



This preview shows how white text looks on a background with the YUV color 42.6930, 82.9754, -13.7628.

-13.7628.

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

42.6930, 82.9754, -13.7628

Protanopia

52.8440, 40.0099, -46.3442

Deuteranopia

52.7980, 29.6796, -46.3038



Tritanopia

51.6290, 12.5079, -45.2786

Trichromacy



Original Color

42.6930, 82.9754, -13.7628

Protanomaly

49.0470, 55.6858, -34.2442

Deuteranomaly

49.3260, 49.1393, -34.4889

Tritanomaly

48.4650, 38.2248, -33.7338

Monochromacy



Original Color

42.6930, 82.9754, -13.7628

Achromatopsia

43.0000, 0.0000, 0.0000

Achromatomaly

42.8770, 30.1336, -5.1541

CSS Examples

Text

The CSS property to change the color of the text to YUV 42.6930, 82.9754, -13.7628 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(27, 18, 211)` looks like.

```
.text, #text, p{  
    color:rgb(27, 18, 211)  
}
```

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(27, 18, 211) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(27, 18, 211) }
```

Border

The CSS property to change the border of an element to YUV 42.6930, 82.9754, -13.7628 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(27, 18, 211) }
```


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

```
.border{ border-color:rgb(27, 18, 211) }
```

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

Here you see how a box with a 4 pixel `rgb(27, 18, 211)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(27, 18, 211); -webkit-box-  
shadow:4px 4px 4px 4px rgb(27, 18, 211);  
box-shadow:4px 4px 4px 4px rgb(27, 18,  
211) }
```

Background

The CSS property to change the background color of an element to YUV 42.6930, 82.9754, -13.7628 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(27, 18, 211) }
```

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

```
.background{ background-color: rgb(27, 18,  
211) }
```

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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