

Converting Colors

YUV(30.0770, 13.2730,
-10.5915)

Have a look what the booklet for
YUV(30.0770, 13.2730, -10.5915)
contains.

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Color

**YUV(30.0770, 13.2730,
-10.5915)**

Conversions

Conversions Part 1

Format	Color
Hex	121F39
RGB	18, 31, 57
RGB Percent	7%, 12%, 22%
CMY	0.9294, 0.8784, 0.7765
CMYK	0.68, 0.46, 0.00, 0.78
HSL	220°, 52%, 15%
HSV	220°, 68%, 22%
XYZ	1.4780, 1.4040, 4.0640
YIQ	30.0770, -16.0940, 5.3300

Conversions

Conversions Part 2

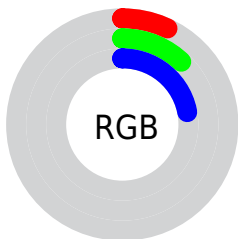
Format	Color
R_{YB}	18, 28, 57
Decimal	1187641
CIE _{Lab}	11.98, 4.18, -18.59
CIE _{LCh}	12, 19.054, 282.666
Yxy	1.4040, 0.2128, 0.2021
Android (android.graphics.Color)	4279377721 (0xFF121F39)
YUV	30.0770, 13.2730, -10.5915
Hunter-Lab	11.8490, 1.5292, -12.0412

Details

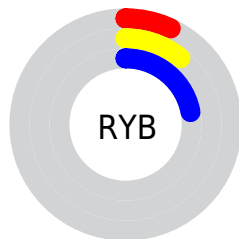
The YUV color **30.0770, 13.2730, -10.5915** is a dark color, and the websafe version is hex **003366**. A complement of this color would be **44.9230, -13.2730, 10.5915**, and the grayscale version is **30.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **75.3160, 14.1412, -9.0471**, and **1.3680, 5.2416, -1.1997** is the 20% darker color. If you saturate the color by 10%, you get **25.9350, 15.3150, -12.2210**, and if you desaturate by 10%, it is **34.2190, 11.2310, -8.9621**.

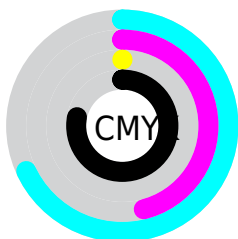
Distribution



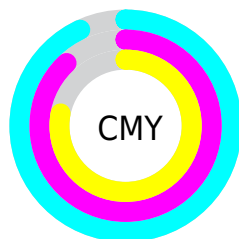
- Red (7%)
- Green (12%)
- Blue (22%)



- Red (7%)
- Yellow (11%)
- Blue (22%)



- Cyan (68%)
- Magenta (46%)
- Yellow (0%)
- Black (78%)



- Cyan (93%)
- Magenta (88%)
- Yellow (78%)

Brightness & Saturation Gradients

These gradients show how the YUV color 30.0770, 13.2730, -10.5915 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 30.0770, 13.2730, -10.5915 by changing the saturation by 10% instead.

■ 30.0770, 13.2730,
-10.5915

■ 30.0770, 13.2730,
-10.5915

■ 253.8040, 0.5896,
-2.4591

■ 7.6260, 13.9884,
-6.6880

■ 75.3160, 14.1412,
-9.0471

■ 1.3680, 5.2416,
-1.1997

■ 98.8430, 14.8674,
-8.6323

■ 0.0000, 0.0000,
0.0000

■ 124.0710, 15.7410,
-8.8323

■ 150.0710, 15.7410,
-8.8323

■ 176.2990, 16.6146,
-9.0322

■ 204.2990, 16.6146,

-9.0322

■ 231.0450, 11.8098,
-7.9325

■ 30.0770, 13.2730,
-10.5915

■ 30.0770, 13.2730,
-10.5915

■ 25.9350, 15.3150,
-12.2210

■ 34.2190, 11.2310,
-8.9621

■ 22.0920, 17.2096,
-13.2357

■ 38.0620, 9.3364,
-7.9474

■ 18.5370, 18.9623,
-15.3799

■ 41.6170, 7.5838,
-5.8031

■ 17.6510, 19.3991,
-15.4799

■ 45.7590, 5.5418,
-4.1736

■ 49.9010, 3.4998,
-2.5442

■ 53.7440, 1.6052,
-1.5295

■ 57.8860, -0.4368,
0.1000

■ 61.4410, -2.1894,
2.2442

■ 65.2840, -4.0840,
3.2589

Harmonies

Analogous

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



26.9290, 14.3320, -23.6167



30.0770, 13.2730, -10.5915



32.7370, 9.0037, 5.4927

Triad

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



30.0770, 13.2730, -10.5915



30.8300, -8.7902, 19.4431



24.3410, -0.6611, -21.3471

Complementary

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



30.0770, 13.2730, -10.5915



44.9230, -13.2730, 10.5915

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.



28.1380, -9.4350, -7.1370



30.0770, 13.2730, -10.5915



30.1900, -14.8837, 13.8654

Square

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



30.0770, 13.2730, -10.5915



31.4480, -2.6859, 21.5321



29.2490, -14.4198, 5.0436



26.5240, 5.1647, -23.2615

Rectangle

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



30.0770, 13.2730, -10.5915



32.2820, 5.7770, 13.7847



29.2490, -14.4198, 5.0436



25.6790, -3.2927, -17.2585

Sweetspot

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



30.0770, 13.2730, -10.5915



63.3460, 5.2524, -4.6884



43.8570, 0.0705, -22.6766



31.7870, 3.0630, -2.4442



166.0000, 0.0000, 0.0000



38.0000, 0.0000, 0.0000

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



30.0770, 13.2730, -10.5915



32.2810, 20.5675, -16.9094



24.2400, 16.1507, -0.2105



25.9290, 1.0210, -0.8147



28.6850, 31.2143, -25.1567



67.8170, 74.5332, -59.4755

Inverse Universe

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



31.1430, -0.0705, 22.6766



33.6330, 0.1809, 35.4019



50.7600, -16.1507, 0.2105



26.0110, -0.0054, 1.7444



31.0420, -0.0207, 53.4602



73.8030, -0.3959, 127.3378

Previews

White Background



This preview shows how the YUV color 30.0770, 13.2730, -10.5915 looks on a white background.

Color Contrast Check

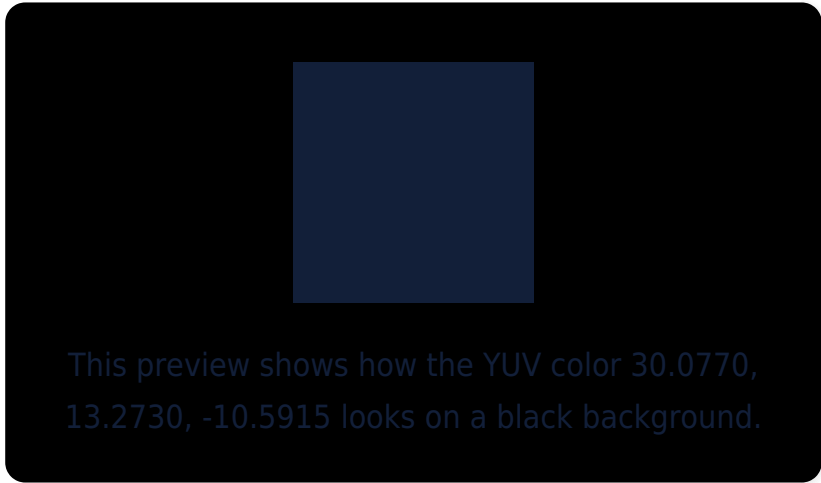
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

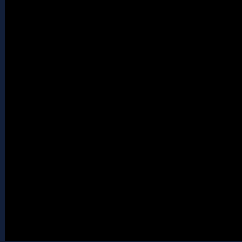
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 30.0770, 13.2730, -10.5915

Background



This preview shows how black text looks on a background with the YUV color 30.0770, 13.2730, -10.5915.



This preview shows how white text looks on a background with the YUV color 30.0770, 13.2730,

-10.5915.

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

30.0770, 13.2730, -10.5915

Protanopia

30.3760, 13.1256, -9.9768

Deuteranopia

27.3750, 14.6051, -17.8689



Tritanopia

24.8770, 6.4696, -21.8171

Trichromacy



Original Color

30.0770, 13.2730, -10.5915

Protanomaly

30.3760, 13.1256, -9.9768

Deuteranomaly

28.5710, 14.0155, -15.4098

Tritanomaly

27.1810, 8.7848, -17.6987

Monochromacy



Original Color

30.0770, 13.2730, -10.5915

Achromatopsia

30.0000, 0.0000, 0.0000

Achromatomaly

29.9440, 4.9576, -3.4589

CSS Examples

Text

The CSS property to change the color of the text to YUV 30.0770, 13.2730, -10.5915 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(18, 31, 57)` looks like.

```
.text, #text, p{  
    color:rgb(18, 31, 57)  
}
```

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(18, 31, 57) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(18, 31, 57) }
```

Border

The CSS property to change the border of an element to YUV 30.0770, 13.2730, -10.5915 is called "border". The border property can be set on classes, ids or directly on the HTML element.

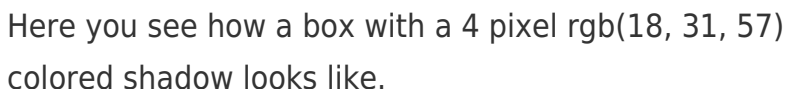
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(18, 31, 57) }
```


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

```
.border{ border-color:rgb(18, 31, 57) }
```

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



Here you see how a box with a 4 pixel `rgb(18, 31, 57)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(18, 31, 57); -webkit-box-  
shadow:4px 4px 4px 4px rgb(18, 31, 57);  
box-shadow:4px 4px 4px 4px rgb(18, 31, 57)  
}
```

Background

The CSS property to change the background color of an element to YUV 30.0770, 13.2730, -10.5915 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(18, 31, 57) }
```

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

```
.background{ background-color: rgb(18, 31,  
57) }
```

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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