

Converting Colors

YUV(10.7890, -3.3470, 0.1850)

Have a look what the booklet for
YUV(10.7890, -3.3470, 0.1850)
contains.

YUV(10.7890, -3.3470, 0.1850)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YUV(10.7890, -3.3470,
0.1850)**

Conversions

Conversions Part 1

Format	Color
Hex	0B0C04
RGB	11, 12, 4
RGB Percent	4%, 5%, 2%
CMY	0.9569, 0.9529, 0.9843
CMYK	0.08, 0.00, 0.67, 0.95
HSL	68°, 50%, 3%
HSV	68°, 67%, 5%
XYZ	0.2914, 0.3429, 0.1657
YIQ	10.7890, 1.9720, -2.7000

Conversions

Conversions Part 2

Format	Color
RYB	4, 12, 5
Decimal	723972
CIELab	3.10, -1.41, 2.97
CIELCh	3, 3.289, 115.434
Yxy	0.3429, 0.3643, 0.4286
Android (android.graphics.Color)	4278914052 (0xFF0B0C04)
YUV	10.7890, -3.3470, 0.1850
Hunter-Lab	5.8554, -1.3638, 2.4211

Details

The YUV color **10.7890, -3.3470, 0.1850** is a dark color, and the websafe version is hex **000000**. A complement of this color would be **5.2110, 3.3470, -0.1850**, and the grayscale version is **11.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **55.1310, -2.0366, -0.1149**, and **0.0000, 0.0000, 0.0000** is the 20% darker color. If you saturate the color by 10%, you get **10.6750, -3.7838, 0.2850**, and if you desaturate by 10%, it is **10.9030, -2.9102, 0.0851**.

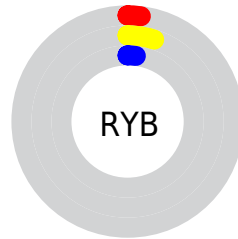
Distribution



Red (4%)

Green (5%)

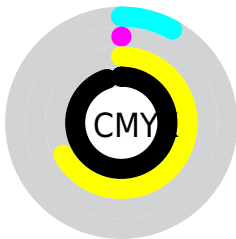
Blue (2%)



Red (2%)

Yellow (5%)

Blue (2%)

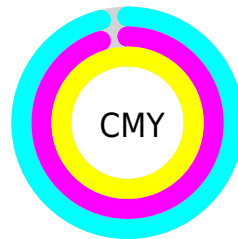


Cyan (8%)

Magenta (0%)

Yellow (67%)

Black (95%)



Cyan (96%)

Magenta (95%)

Yellow (98%)

Brightness & Saturation Gradients

These gradients show how the YUV color 10.7890, -3.3470, 0.1850 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 10.7890, -3.3470, 0.1850 by changing the saturation by 10% instead.

■ 10.7890, -3.3470,
0.1850

■ 10.7890, -3.3470,
0.1850

■ 234.9030, -2.9102,
0.0851

■ 0.0000, 0.0000,
0.0000

■ 55.1310, -2.0366,
-0.1149

■ 77.4300, -2.1840,
0.4999

■ 101.4300, -2.1840,
0.4999

■ 126.4300, -2.1840,
0.4999

■ 152.0170, -2.4734,
-0.0149

■ 179.0170, -2.4734,

-0.0149

■ 206.9030, -2.9102,
0.0851

■ 10.7890, -3.3470,
0.1850

■ 10.7890, -3.3470,
0.1850

■ 10.6750, -3.7838,
0.2850

■ 10.9030, -2.9102,
0.0851

■ 10.5610, -4.2206,
0.3850

■ 11.0170, -2.4734,
-0.0149

■ 10.3330, -5.0942,
0.5850

■ 11.2450, -1.5998,
-0.2149

■ 11.6580, -1.3104,
0.2999

■ 11.7720, -0.8736,
0.2000

■ 11.8860, -0.4368,
0.1000

■ 12.0000, 0.0000,
0.0000

■ 12.2280, 0.8736,
-0.2000

■ 12.3420, 1.3104,
-0.2999

Harmonies

Analogous

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



11.2840, -4.0840, 3.2589



10.7890, -3.3470, 0.1850



10.2230, -1.5889, -3.7036

Triad

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



10.7890, -3.3470, 0.1850



10.4660, 3.2213, -6.5477



12.0330, -0.0163, 5.2331

Complementary

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



10.7890, -3.3470, 0.1850



5.2110, 3.3470, -0.1850

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.



11.4780, 1.7363, 3.0888



10.7890, -3.3470, 0.1850



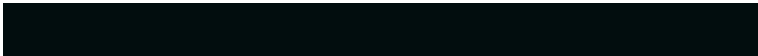
11.1890, 3.3578, -3.6738

Square

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



10.7890, -3.3470, 0.1850



9.8250, 2.0583, -6.8625



11.3960, 2.7628, 0.5297



11.5770, -1.7635, 5.6330

Rectangle

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



10.7890, -3.3470, 0.1850



9.8530, -0.4205, -5.1331



11.3960, 2.7628, 0.5297



11.8480, 0.5679, 4.5183

Sweetspot

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



10.7890, -3.3470, 0.1850



14.6580, -1.3104, 0.2999



6.9790, -1.4686, 4.4034



7.4730, -0.7262, -0.4148



135.0000, 0.0000, 0.0000



8.0000, 0.0000, 0.0000

Same Dimension

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



10.7890, -3.3470, 0.1850



13.3330, -5.0942, 0.5850



9.5930, -2.7573, -2.2741



5.0000, 0.0000, 0.0000



58.4430, -28.8124, 1.3655



166.4800, -82.0746, 4.8410

Inverse Universe

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



5.2110, 3.3470, -0.1850



4.9660, 4.9468, 0.0298



6.4070, 2.7573, 2.2741



5.0000, 0.0000, 0.0000



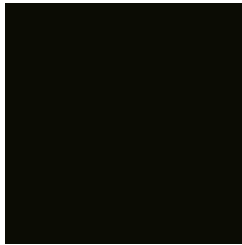
10.5570, 28.8124, -1.3655



29.8190, 81.9272, -4.2263

Previews

White Background



This preview shows how the YUV color 10.7890, -3.3470, 0.1850 looks on a white background.

Color Contrast Check

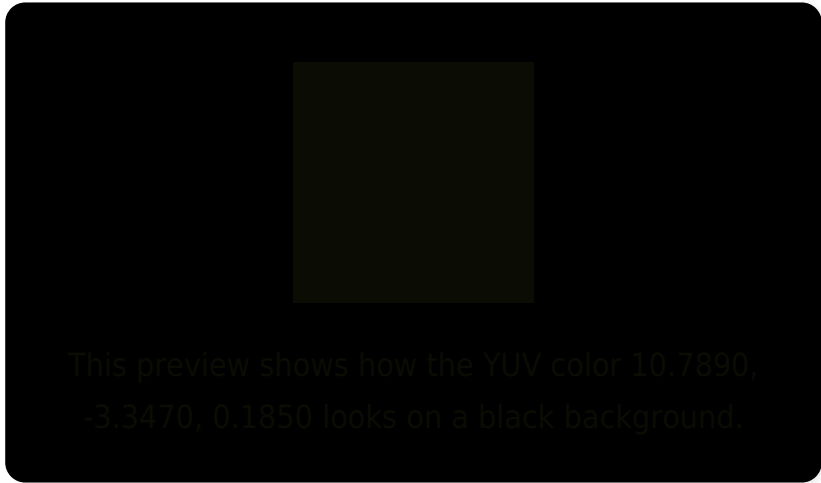
Large Text (above 18pt) WCAG AA ✓ Pass

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 10.7890, -3.3470, 0.1850

Background



This preview shows how black text looks on a background with the YUV color 10.7890, -3.3470, 0.1850.



This preview shows how white text looks on a background with the YUV color 10.7890, -3.3470,

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

10.7890, -3.3470, 0.1850

Protanopia

10.8000, -3.3524, 1.9294

Deuteranopia

11.0990, -3.4998, 2.5442



Tritanopia

11.4130, 0.2894, 0.5148

Trichromacy



Original Color

10.7890, -3.3470, 0.1850

Protanomaly

10.5010, -3.2050, 1.3146

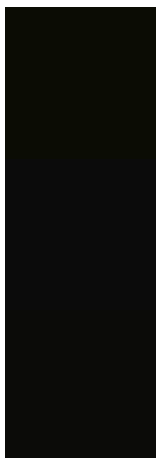
Deuteranomaly

10.8000, -3.3524, 1.9294

Tritanomaly

11.0710, -1.0210, 0.8147

Monochromacy



Original Color

10.7890, -3.3470, 0.1850

Achromatopsia

11.0000, 0.0000, 0.0000

Achromatomaly

10.6580, -1.3104, 0.2999

CSS Examples

Text

The CSS property to change the color of the text to YUV 10.7890, -3.3470, 0.1850 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(11, 12, 4)` looks like.

```
.text, #text, p{  
    color:rgb(11, 12, 4)  
}
```

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(11, 12, 4) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(11, 12, 4) }
```

Border

The CSS property to change the border of an element to YUV 10.7890, -3.3470, 0.1850 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(11, 12, 4) }
```


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

```
.border{ border-color:rgb(11, 12, 4) }
```

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

Here you see how a box with a 4 pixel `rgb(11, 12, 4)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(11, 12, 4); -webkit-box-shadow:4px  
4px 4px 4px rgb(11, 12, 4); box-shadow:4px  
4px 4px 4px rgb(11, 12, 4) }
```

Background

The CSS property to change the background color of an element to YUV 10.7890, -3.3470, 0.1850 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(11, 12, 4) }
```

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

```
.background{ background-color: rgb(11, 12,  
4) }
```

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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