

Converting Colors

YUV(12.2190, -5.5310, 0.6849)

Have a look what the booklet for
YUV(12.2190, -5.5310, 0.6849)
contains.

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Color

**YUV(12.2190, -5.5310,
0.6849)**

Conversions

Conversions Part 1

Format	Color
Hex	0D0E01
RGB	13, 14, 1
RGB Percent	5%, 5%, 0%
CMY	0.9490, 0.9451, 0.9961
CMYK	0.07, 0.00, 0.93, 0.95
HSL	65°, 87%, 3%
HSV	65°, 93%, 5%
XYZ	0.3285, 0.4018, 0.0890
YIQ	12.2190, 3.5770, -4.2550

Conversions

Conversions Part 2

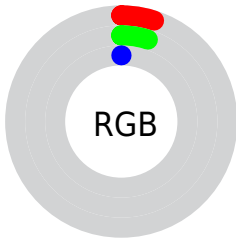
Format	Color
RYB	1, 14, 2
Decimal	855553
CIELab	3.63, -2.19, 4.99
CIElCh	4, 5.445, 113.703
Yxy	0.4018, 0.4010, 0.4905
Android (android.graphics.Color)	4279045633 (0xFF0D0E01)
YUV	12.2190, -5.5310, 0.6849
Hunter-Lab	6.3390, -1.8432, 3.6052

Details

The YUV color **12.2190, -5.5310, 0.6849** is a dark color, and the websafe version is hex **000000**. A complement of this color would be **2.7810, 5.5310, -0.6849**, and the grayscale version is **12.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **55.7890, -3.3470, 0.1850**, and **0.0000, 0.0000, 0.0000** is the 20% darker color. If you saturate the color by 10%, you get **12.1050, -5.9678, 0.7849**, and if you desaturate by 10%, it is **12.3330, -5.0942, 0.5850**.

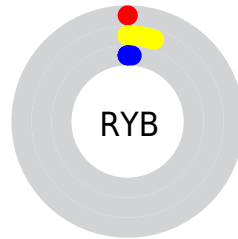
Distribution



Red (5%)

Green (5%)

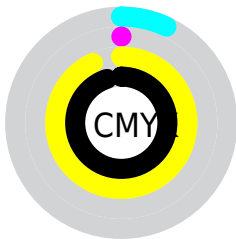
Blue (0%)



Red (0%)

Yellow (5%)

Blue (1%)

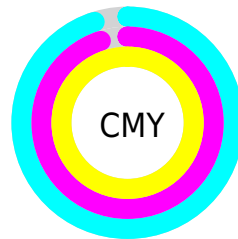


Cyan (7%)

Magenta (0%)

Yellow (93%)

Black (95%)



Cyan (95%)

Magenta (95%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the YUV color 12.2190, -5.5310, 0.6849 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 12.2190, -5.5310, 0.6849 by changing the saturation by 10% instead.

■ 12.2190, -5.5310,
0.6849

■ 12.2190, -5.5310,
0.6849

■ 236.4470, -4.6574,
0.4850

■ 0.0000, 0.0000,
0.0000

■ 55.7890, -3.3470,
0.1850

■ 78.6750, -3.7838,
0.2850

■ 102.6750, -3.7838,
0.2850

■ 127.6750, -3.7838,
0.2850

■ 153.5610, -4.2206,
0.3850

■ 180.5610, -4.2206,

0.3850

■ 207.5610, -4.2206,
0.3850

■ 12.2190, -5.5310,
0.6849

■ 12.2190, -5.5310,
0.6849

■ 12.1050, -5.9678,
0.7849

■ 12.3330, -5.0942,
0.5850

■ 12.5610, -4.2206,
0.3850

■ 12.6750, -3.7838,
0.2850

■ 12.9030, -2.9102,
0.0851

■ 13.3160, -2.6208,
0.5999

■ 13.4300, -2.1840,
0.4999

■ 13.6580, -1.3104,
0.2999

■ 13.7720, -0.8736,
0.2000

■ 14.0000, 0.0000,
0.0000

Harmonies

Analogous

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



12.7250, -6.2734, 5.5032



12.2190, -5.5310, 0.6849



11.1690, -3.0413, -4.5332

Triad

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



12.2190, -5.5310, 0.6849



11.0850, 4.3951, -9.7215



13.4570, 0.2677, 7.4922

Complementary

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



12.2190, -5.5310, 0.6849



2.7810, 5.5310, -0.6849

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.



13.7170, 2.6045, 4.6332



12.2190, -5.5310, 0.6849



12.2210, 4.8210, -6.3328

Square

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



12.2190, -5.5310, 0.6849



11.3300, 2.7953, -9.9364



13.3250, 3.7838, -0.2850



13.0720, -2.5005, 8.7069

Rectangle

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



12.2190, -5.5310, 0.6849



10.7170, -0.8465, -8.5218



13.3250, 3.7838, -0.2850



13.3860, 1.2887, 6.6775

Sweetspot

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



12.2190, -5.5310, 0.6849



17.1310, -2.0366, -0.1149



5.4740, -2.2057, 7.4773



9.6580, -1.3104, 0.2999



138.0000, 0.0000, 0.0000



10.0000, 0.0000, 0.0000

Same Dimension

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



12.2190, -5.5310, 0.6849



15.3500, -7.5675, 0.5701



10.4250, -4.6465, -3.0037



7.8860, -0.4368, 0.1000



61.4110, -30.2756, 4.0246



171.8290, -84.7117, 10.6740

Inverse Universe

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



2.7810, 5.5310, -0.6849



2.3510, 7.7150, -1.1848



4.5750, 4.6465, 3.0037



7.1140, 0.4368, -0.1000



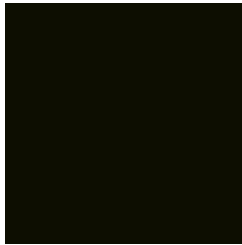
9.5890, 30.2756, -4.0246



27.1710, 84.7117, -10.6740

Previews

White Background



This preview shows how the YUV color 12.2190, -5.5310, 0.6849 looks on a white background.

Color Contrast Check

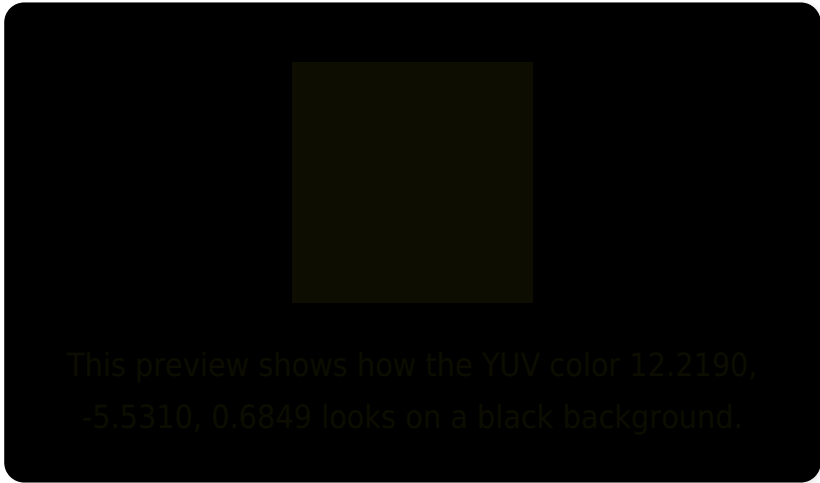
Large Text (above 18pt) WCAG AA ✓ Pass

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

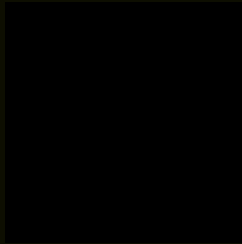
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 12.2190, -5.5310, 0.6849

Background



This preview shows how black text looks on a background with the YUV color 12.2190, -5.5310, 0.6849.



This preview shows how white text looks on a background with the YUV color 12.2190, -5.5310,

0.6849.

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

12.2190, -5.5310, 0.6849

Protanopia

12.2300, -5.5364, 2.4293

Deuteranopia

12.9420, -5.3944, 3.5589



Tritanopia

13.4130, 0.2894, 0.5148

Trichromacy



Original Color

12.2190, -5.5310, 0.6849

Protanomaly

11.9310, -5.3890, 1.8145

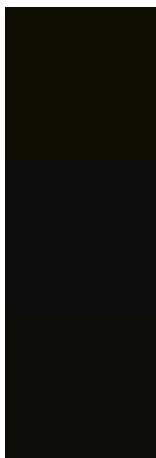
Deuteranomaly

12.6430, -5.2470, 2.9441

Tritanomaly

12.8430, -1.8946, 1.0147

Monochromacy



Original Color

12.2190, -5.5310, 0.6849

Achromatopsia

12.0000, 0.0000, 0.0000

Achromatomaly

12.1310, -2.0366, -0.1149

CSS Examples

Text

The CSS property to change the color of the text to YUV 12.2190, -5.5310, 0.6849 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, 14, 1)` looks like.

```
.text, #text, p{  
    color:rgb(13, 14, 1)  
}
```

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, 14, 1) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(13, 14, 1) }
```

Border

The CSS property to change the border of an element to YUV 12.2190, -5.5310, 0.6849 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, 14, 1) }
```


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

```
.border{ border-color:rgb(13, 14, 1) }
```

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

Here you see how a box with a 4 pixel `rgb(13, 14, 1)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(13, 14, 1); -webkit-box-shadow:4px  
4px 4px 4px rgb(13, 14, 1); box-shadow:4px  
4px 4px 4px rgb(13, 14, 1) }
```

Background

The CSS property to change the background color of an element to YUV 12.2190, -5.5310, 0.6849 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(13, 14, 1) }
```

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

```
.background{ background-color: rgb(13, 14,  
1) }
```

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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