

Converting Colors

YUV(18.8610, -2.3965, 22.0469)

Have a look what the booklet for
YUV(18.8610, -2.3965, 22.0469)
contains.

YUV(18.8610, -2.3965, 22.0469)	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(18.8610, -2.3965,
22.0469)**

Conversions

Conversions Part 1

Format	Color
Hex	2C070E
RGB	44, 7, 14
RGB Percent	17%, 3%, 5%
CMY	0.8275, 0.9725, 0.9451
CMYK	0.00, 0.84, 0.68, 0.83
HSL	349°, 73%, 10%
HSV	349°, 84%, 17%
XYZ	1.1940, 0.7191, 0.4913
YIQ	18.8610, 19.8050, 10.0210

Conversions

Conversions Part 2

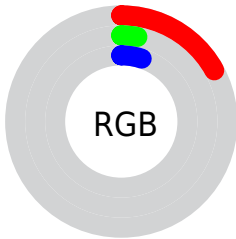
Format	Color
RYB	44, 7, 14
Decimal	2885390
CIELab	6.50, 19.27, 4.17
CIELCh	6, 19.712, 12.219
Yxy	0.7191, 0.4966, 0.2991
Android (android.graphics.Color)	4281075470 (0xFF2C070E)
YUV	18.8610, -2.3965, 22.0469
Hunter-Lab	8.4802, 10.2912, 2.5009

Details

The YUV color **18.8610, -2.3965, 22.0469** is a dark color, and the websafe version is hex **330000**. A complement of this color would be **32.1390, 2.3965, -22.0469**, and the grayscale version is **19.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **63.9430, -3.4229, 24.6060**, and **0.0000, 0.0000, 0.0000** is the 20% darker color. If you saturate the color by 10%, you get **16.0570, -2.9861, 24.5060**, and if you desaturate by 10%, it is **21.6650, -1.8068, 19.5878**.

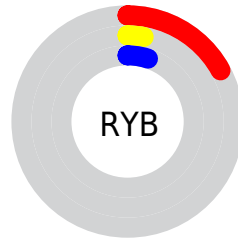
Distribution



Red (17%)

Green (3%)

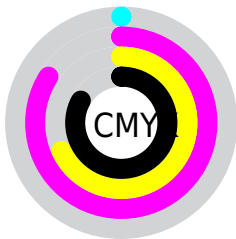
Blue (5%)



Red (17%)

Yellow (3%)

Blue (5%)

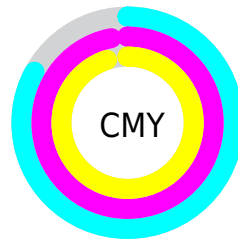


Cyan (0%)

Magenta (84%)

Yellow (68%)

Black (83%)



Cyan (83%)

Magenta (97%)

Yellow (95%)

Brightness & Saturation Gradients

These gradients show how the YUV color 18.8610, -2.3965, 22.0469 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 18.8610, -2.3965, 22.0469 by changing the saturation by 10% instead.

■ 18.8610, -2.3965,
22.0469

■ 18.8610, -2.3965,
22.0469

■ 239.5610, -0.7696,
13.5400

■ 3.2890, -1.6215,
6.7625

■ 63.9430, -3.4229,
24.6060

■ 0.0000, 0.0000,
0.0000

■ 87.5410, -3.7177,
25.8355

■ 112.1390, -4.0125,
27.0651

■ 138.0360, -4.4547,
28.9094

■ 164.3350, -4.6022,
29.5242

■ 191.9330, -4.8970,

30.7538

■ 219.8190, -5.3338,
30.8537

■ 18.8610, -2.3965,
22.0469

■ 18.8610, -2.3965,
22.0469

■ 16.0570, -2.9861,
24.5060

■ 21.6650, -1.8068,
19.5878

■ 14.0680, -2.9915,
26.2504

■ 24.9420, -1.9434,
16.7139

■ 27.7460, -1.3538,
14.2548

■ 31.0230, -1.4903,
11.3808

■ 33.8270, -0.9007,
8.9217

■ 36.5170, -0.7479,
6.5626

■ 39.9080, -0.4476,
3.5887

■ 42.7120, 0.1420,
1.1296

■ 45.9890, 0.0054,
-1.7444

Harmonies

Analogous

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



19.9620, 4.4557, 17.5733



18.8610, -2.3965, 22.0469



19.0150, -9.3744, 20.1578

Triad

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



18.8610, -2.3965, 22.0469



15.2730, -7.5296, -11.6404



19.2180, 12.7105, -16.8542

Complementary

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



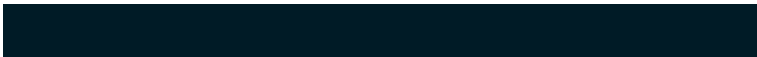
18.8610, -2.3965, 22.0469



32.1390, 2.3965, -22.0469

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.



20.1810, 8.7848, -17.6987



18.8610, -2.3965, 22.0469



17.3480, -4.6086, -15.2142

Square

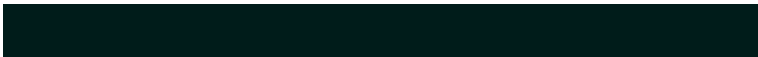
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



18.8610, -2.3965, 22.0469



19.4920, -9.6096, 2.1995



19.4000, 3.2538, -17.0138



18.1800, 13.7153, -12.4359

Rectangle

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



18.8610, -2.3965, 22.0469



19.8680, -9.7949, 15.0248



19.4000, 3.2538, -17.0138



20.1640, 11.2581, -17.6838

Sweetspot

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



18.8610, -2.3965, 22.0469



46.5280, -0.7533, 8.3069



20.1880, 11.7393, 14.7441



22.5060, -0.7425, 4.8182



156.0000, 0.0000, 0.0000



28.0000, 0.0000, 0.0000

Same Dimension

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



18.8610, -2.3965, 22.0469



17.9980, -3.4500, 33.3278



24.5200, -8.6374, 17.0840



21.5980, -0.2948, 1.2296



27.8370, -5.8356, 51.8860



68.6600, -13.6364, 127.4632

Inverse Universe

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



18.8610, -2.3965, 22.0469



17.9980, -3.4500, 33.3278



26.4800, 8.6374, -17.0840



21.5980, -0.2948, 1.2296



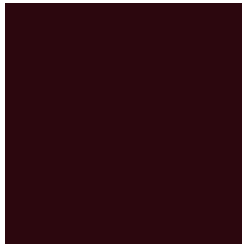
27.8370, -5.8356, 51.8860



68.6600, -13.6364, 127.4632

Previews

White Background



This preview shows how the YUV color 18.8610, -2.3965, 22.0469 looks on a white background.

Color Contrast Check

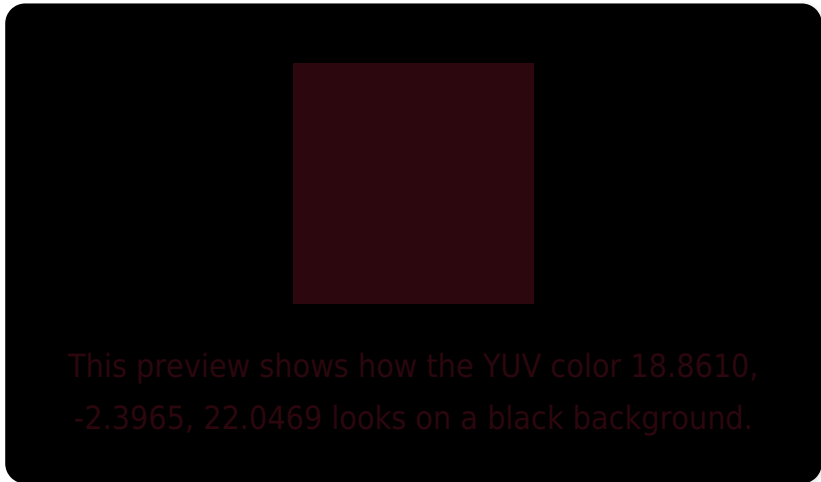
Large Text (above 18pt) WCAG AA ✓ Pass

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

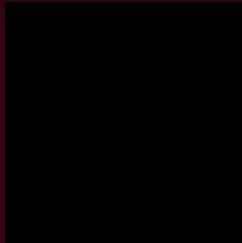
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 18.8610, -2.3965, 22.0469

Background



This preview shows how black text looks on a background with the YUV color 18.8610, -2.3965, 22.0469.

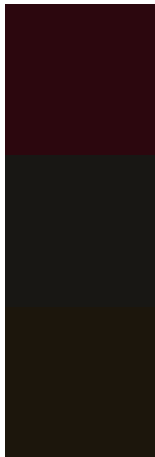


This preview shows how white text looks on a background with the YUV color 18.8610, -2.3965,

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

18.8610, -2.3965, 22.0469

Protanopia

22.9570, -1.4578, 0.9147

Deuteranopia

22.6540, -5.2524, 4.6884



Tritanopia

18.7640, -5.3067, 22.1320

Trichromacy



Original Color

18.8610, -2.3965, 22.0469

Protanomaly

21.3000, -1.6269, 8.5069

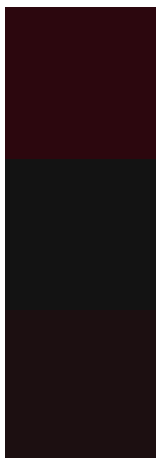
Deuteranomaly

21.6270, -4.2531, 10.8511

Tritanomaly

18.9920, -4.4331, 21.9320

Monochromacy



Original Color

18.8610, -2.3965, 22.0469

Achromatopsia

19.0000, 0.0000, 0.0000

Achromatomaly

19.1150, -1.0427, 7.7921

CSS Examples

Text

The CSS property to change the color of the text to YUV 18.8610, -2.3965, 22.0469 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(44, 7, 14)` looks like.

```
.text, #text, p{  
    color:rgb(44, 7, 14)  
}
```

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(44, 7, 14) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(44, 7, 14) }
```

Border

The CSS property to change the border of an element to YUV 18.8610, -2.3965, 22.0469 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(44, 7, 14) }
```


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

```
.border{ border-color:rgb(44, 7, 14) }
```

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

Here you see how a box with a 4 pixel `rgb(44, 7, 14)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(44, 7, 14); -webkit-box-shadow:4px  
4px 4px 4px rgb(44, 7, 14); box-shadow:4px  
4px 4px 4px rgb(44, 7, 14) }
```

Background

The CSS property to change the background color of an element to YUV 18.8610, -2.3965, 22.0469 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(44, 7, 14) }
```

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

```
.background{ background-color: rgb(44, 7,  
14) }
```

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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