

Converting Colors

YUV(21.8560, -4.8590, 18.5433)

Have a look what the booklet for
YUV(21.8560, -4.8590, 18.5433)
contains.

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Color

**YUV(21.8560, -4.8590,
18.5433)**

Conversions

Conversions Part 1

Format	Color
Hex	2B0D0C
RGB	43, 13, 12
RGB Percent	17%, 5%, 5%
CMY	0.8314, 0.9490, 0.9529
CMYK	0.00, 0.70, 0.72, 0.83
HSL	2°, 56%, 11%
HSV	2°, 72%, 17%
XYZ	1.2065, 0.8280, 0.4441
YIQ	21.8560, 18.2010, 6.0490

Conversions

Conversions Part 2

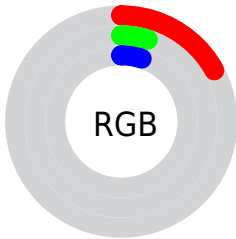
Format	Color
RYB	43, 13, 12
Decimal	2821388
CIELab	7.48, 15.43, 6.54
CIELCh	7, 16.764, 22.975
Yxy	0.8280, 0.4868, 0.3341
Android (android.graphics.Color)	4281011468 (0xFF2B0D0C)
YUV	21.8560, -4.8590, 18.5433
Hunter-Lab	9.0994, 7.7446, 3.4762

Details

The YUV color **21.8560, -4.8590, 18.5433** is a dark color, and the websafe version is hex **330000**. A complement of this color would be **33.1440, 4.8590, -18.5433**, and the grayscale version is **22.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **66.0520, -5.4486, 21.0024**, and **0.0000, 0.0000, 0.0000** is the 20% darker color. If you saturate the color by 10%, you get **19.0520, -5.4486, 21.0024**, and if you desaturate by 10%, it is **24.6600, -4.2694, 16.0842**.

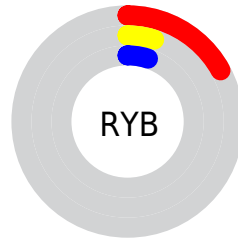
Distribution



Red (17%)

Green (5%)

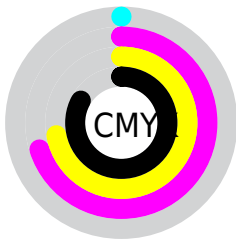
Blue (5%)



Red (17%)

Yellow (5%)

Blue (5%)

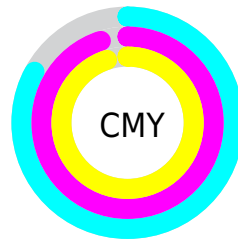


Cyan (0%)

Magenta (70%)

Yellow (72%)

Black (83%)



Cyan (83%)

Magenta (95%)

Yellow (95%)

Brightness & Saturation Gradients

These gradients show how the YUV color 21.8560, -4.8590, 18.5433 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 21.8560, -4.8590, 18.5433 by changing the saturation by 10% instead.

■ 21.8560, -4.8590,
18.5433

■ 21.8560, -4.8590,
18.5433

■ 242.2680, -3.0901,
11.1660

■ 3.5880, -1.7689,
7.3773

■ 66.0520, -5.4486,
21.0024

■ 0.0000, 0.0000,
0.0000

■ 89.9490, -5.8909,
22.8467

■ 114.5470, -6.1857,
24.0763

■ 140.1450, -6.4805,
25.3058

■ 166.4440, -6.6279,
25.9206

■ 193.7430, -6.7753,

26.5354

■ 221.9280, -7.3595,
27.2501

■ 21.8560, -4.8590,
18.5433

■ 21.8560, -4.8590,
18.5433

■ 19.0520, -5.4486,
21.0024

■ 24.6600, -4.2694,
16.0842

■ 16.1340, -6.4751,
23.5615

■ 27.5780, -3.2430,
13.5251

■ 13.4440, -6.6279,
25.9206

■ 30.3820, -2.6533,
11.0660

■ 33.7730, -2.3531,
8.0921

■ 36.6910, -1.3267,
5.5330

■ 39.4950, -0.7370,
3.0739

■ 42.2990, -0.1474,
0.6148

■ 45.1030, 0.4422,
-1.8443

■ 48.0210, 1.4686,
-4.4034

Harmonies

Analogous

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



22.8540, 1.5510, 15.9140



21.8560, -4.8590, 18.5433



21.3520, -10.5265, 16.3543

Triad

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



21.8560, -4.8590, 18.5433



17.2730, -7.5296, -11.6404



19.6910, 11.9843, -17.2690

Complementary

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



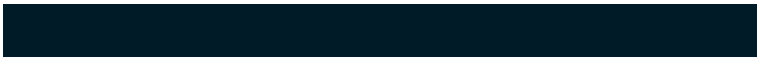
21.8560, -4.8590, 18.5433



33.1440, 4.8590, -18.5433

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.



20.4090, 9.6584, -17.8987



21.8560, -4.8590, 18.5433



19.1890, -0.0932, -16.8288

Square

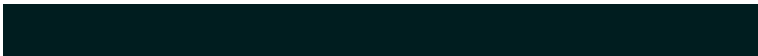
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



21.8560, -4.8590, 18.5433



20.9540, -10.3303, 0.0403



20.5570, 5.1484, -18.0285



22.6110, 10.0518, -4.0438

Rectangle

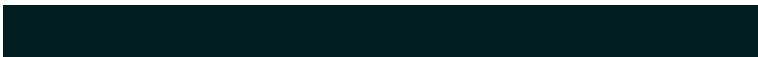
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



21.8560, -4.8590, 18.5433



21.6180, -10.6577, 11.7360



20.5570, 5.1484, -18.0285



20.1640, 11.2581, -17.6838

Sweetspot

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



21.8560, -4.8590, 18.5433



47.5880, -1.7689, 7.3773



24.6890, 8.5343, 16.0587



23.0930, -1.0318, 4.3034



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.



21.8560, -4.8590, 18.5433



22.8250, -7.8017, 29.0945



30.6610, -9.1999, 10.8213



18.5980, -0.2948, 1.2296



26.8770, -13.2504, 50.0969



67.4970, -33.2760, 126.7291

Inverse Universe

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



33.1440, 4.8590, -18.5433



40.7620, 7.5123, -29.6093



24.3390, 9.1999, -10.8213



19.4020, 0.2948, -1.2296



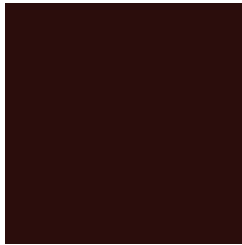
57.1230, 13.2504, -50.0969



144.5030, 33.2760, -126.7291

Previews

White Background



This preview shows how the YUV color 21.8560, -4.8590, 18.5433 looks on a white background.

Color Contrast Check

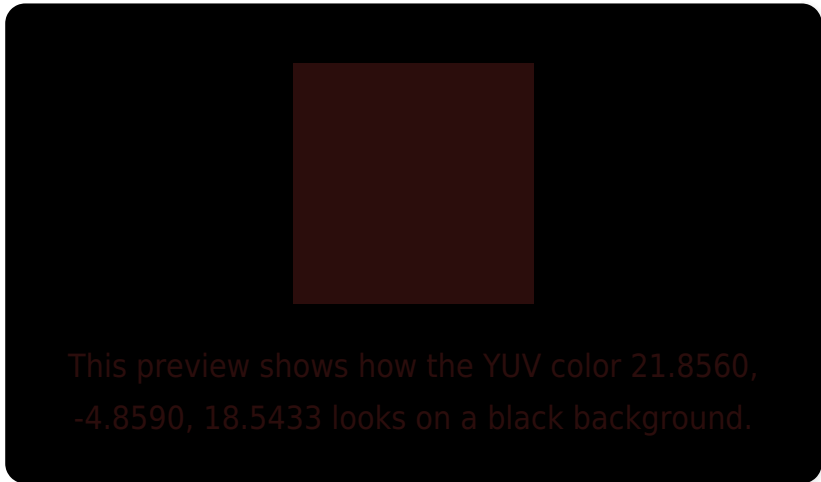
Large Text (above 18pt) WCAG AA ✓ Pass

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

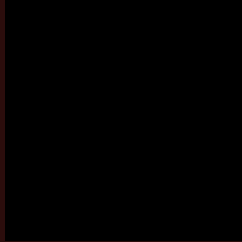
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 21.8560, -4.8590, 18.5433

Background



This preview shows how black text looks on a background with the YUV color 21.8560, -4.8590, 18.5433.



This preview shows how white text looks on a background with the YUV color 21.8560, -4.8590,

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

21.8560, -4.8590, 18.5433

Protanopia

23.6860, -3.7892, 2.0294

Deuteranopia

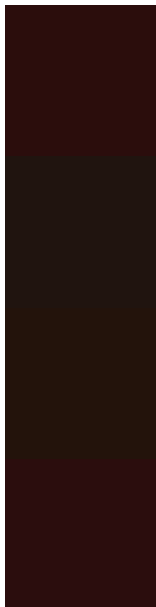
23.6110, -6.7102, 5.6032



Tritanopia

21.9700, -4.4222, 18.4433

Trichromacy



Original Color

21.8560, -4.8590, 18.5433

Protanomaly

23.0180, -3.9529, 7.8772

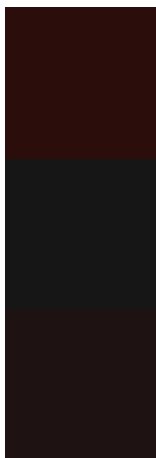
Deuteranomaly

22.8720, -5.8529, 10.6363

Tritanomaly

21.9700, -4.4222, 18.4433

Monochromacy



Original Color

21.8560, -4.8590, 18.5433

Achromatopsia

22.0000, 0.0000, 0.0000

Achromatomaly

22.1750, -2.0583, 6.8625

CSS Examples

Text

The CSS property to change the color of the text to YUV 21.8560, -4.8590, 18.5433 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(43, 13, 12)` looks like.

```
.text, #text, p{  
    color:rgb(43, 13, 12)  
}
```

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(43, 13, 12) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(43, 13, 12) }
```

Border

The CSS property to change the border of an element to YUV 21.8560, -4.8590, 18.5433 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(43, 13, 12) }
```


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

```
.border{ border-color:rgb(43, 13, 12) }
```

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

Here you see how a box with a 4 pixel `rgb(43, 13, 12)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(43, 13, 12); -webkit-box-  
shadow:4px 4px 4px 4px rgb(43, 13, 12);  
box-shadow:4px 4px 4px 4px rgb(43, 13, 12)  
}
```

Background

The CSS property to change the background color of an element to YUV 21.8560, -4.8590, 18.5433 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(43, 13, 12) }
```

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

```
.background{ background-color: rgb(43, 13,  
12) }
```

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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