

Converting Colors

YUV(10.7420, -5.2958, 18.6433)

Have a look what the booklet for
YUV(10.7420, -5.2958, 18.6433)
contains.

YUV(10.7420, -5.2958, 18.6433)	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(10.7420, -5.2958,
18.6433)**

Conversions

Conversions Part 1

Format	Color
Hex	200200
RGB	32, 2, 0
RGB Percent	13%, 1%, 0%
CMY	0.8745, 0.9922, 1.0000
CMYK	0.00, 0.94, 1.00, 0.87
HSL	4°, 100%, 6%
HSV	4°, 100%, 13%
XYZ	0.6174, 0.3505, 0.0351
YIQ	10.7420, 18.5220, 5.7380

Conversions

Conversions Part 2

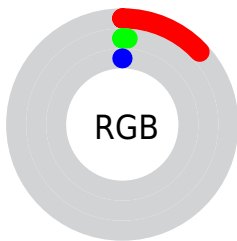
Format	Color
RYB	32, 2, 0
Decimal	2097664
CIELab	3.17, 11.64, 4.96
CIELCh	3, 12.655, 23.058
Yxy	0.3505, 0.6155, 0.3495
Android (android.graphics.Color)	4280287744 (0xFF200200)
YUV	10.7420, -5.2958, 18.6433
Hunter-Lab	5.9202, 8.2538, 3.7925

Details

The YUV color **10.7420, -5.2958, 18.6433** is a dark color, and the websafe version is hex **000000**. A complement of this color would be **21.2580, 5.2958, -18.6433**, and the grayscale version is **11.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **56.3610, -4.1220, 15.4694**, and **0.0000, 0.0000, 0.0000** is the 20% darker color. If you saturate the color by 10%, you get **10.7420, -5.2958, 18.6433**, and if you desaturate by 10%, it is **12.8450, -4.8536, 16.7989**.

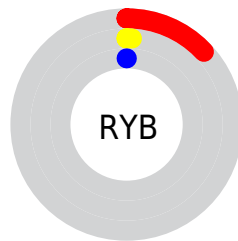
Distribution



Red (13%)

Green (1%)

Blue (0%)



Red (13%)

Yellow (1%)

Blue (0%)

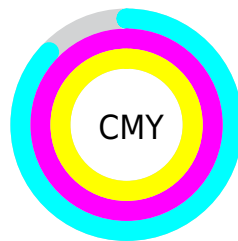


Cyan (0%)

Magenta (94%)

Yellow (100%)

Black (87%)



Cyan (87%)

Magenta (99%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the YUV color 10.7420, -5.2958, 18.6433 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 10.7420, -5.2958, 18.6433 by changing the saturation by 10% instead.

■ 10.7420, -5.2958,
18.6433

■ 10.7420, -5.2958,
18.6433

■ 235.8450, -4.8536,
16.7989

■ 0.0000, 0.0000,
0.0000

■ 56.3610, -4.1220,
15.4694

■ 79.3720, -4.1274,
17.2138

■ 103.5570, -4.7116,
17.9285

■ 128.8560, -4.8590,
18.5433

■ 155.1550, -5.0064,
19.1581

■ 181.7530, -5.3012,

20.3876

■ 209.0520, -5.4486,
21.0024

■ 10.7420, -5.2958,
18.6433

■ 12.8450, -4.8536,
16.7989

■ 14.9480, -4.4114,
14.9546

■ 17.1650, -3.5323,
13.0103

■ 19.2680, -3.0901,
11.1660

■ 21.3710, -2.6479,
9.3216

■ 23.4740, -2.2057,
7.4773

■ 25.5770, -1.7635,
5.6330

■ 27.7940, -0.8844,
3.6887

■ 29.8970, -0.4422,
1.8443

Harmonies

Analogous

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



11.8540, 1.5510, 15.9140



10.7420, -5.2958, 18.6433



11.3070, -5.5744, 14.6398

Triad

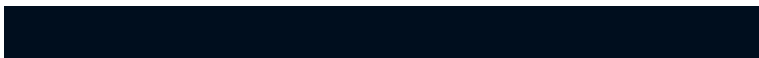
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



10.7420, -5.2958, 18.6433



9.9790, -4.9196, -8.7516



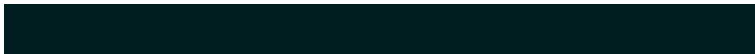
11.6380, 9.0525, -10.2065

Complementary

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



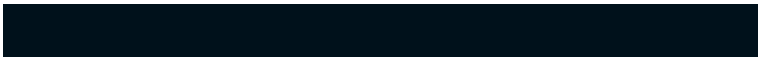
10.7420, -5.2958, 18.6433



21.2580, 5.2958, -18.6433

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.



13.0570, 6.8739, -11.4510



10.7420, -5.2958, 18.6433



11.9510, -2.4408, -10.4810

Square

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



10.7420, -5.2958, 18.6433



9.7130, -4.7885, -4.1333



13.4330, 3.2375, -11.7807



11.8780, 8.4411, -0.7700

Rectangle

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



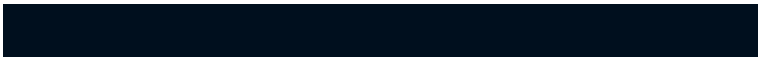
10.7420, -5.2958, 18.6433



11.5730, -5.7055, 10.0215



13.4330, 3.2375, -11.7807



12.2250, 8.7631, -10.7213

Sweetspot

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



10.7420, -5.2958, 18.6433



32.5880, -1.7689, 7.3773



12.9880, 8.3869, 16.6735



15.6800, -1.3212, 3.7886



148.0000, 0.0000, 0.0000



20.0000, 0.0000, 0.0000

Same Dimension

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



10.7420, -5.2958, 18.6433



14.0200, -6.9119, 23.6615



20.1340, -9.9261, 10.4065



14.2990, -0.1474, 0.6148



26.5560, -13.0921, 45.9934



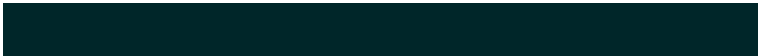
69.5240, -34.2753, 120.5665

Inverse Universe

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



21.2580, 5.2958, -18.6433



26.9800, 6.9119, -23.6615



11.8660, 9.9261, -10.4065



14.7010, 0.1474, -0.6148



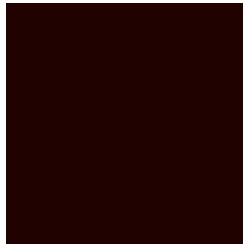
52.4440, 13.0921, -45.9934



137.4760, 34.2753, -120.5665

Previews

White Background



This preview shows how the YUV color 10.7420, -5.2958, 18.6433 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

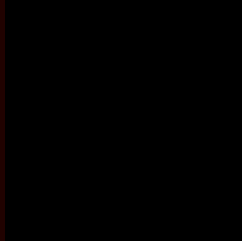
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 10.7420, -5.2958, 18.6433

Background



This preview shows how black text looks on a background with the YUV color 10.7420, -5.2958, 18.6433.



This preview shows how white text looks on a background with the YUV color 10.7420, -5.2958,

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

10.7420, -5.2958, 18.6433

Protanopia

15.2300, -5.5364, 2.4293

Deuteranopia

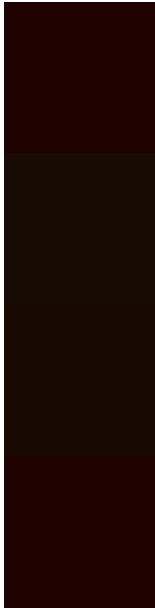
14.7850, -7.2890, 4.5736



Tritanopia

11.3290, -5.5852, 18.1285

Trichromacy



Original Color

10.7420, -5.2958, 18.6433

Protanomaly

13.6760, -5.2633, 8.1771

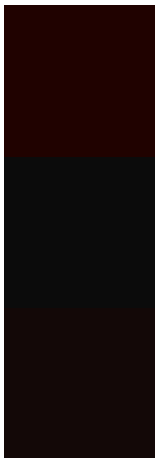
Deuteranomaly

13.0460, -6.4317, 9.6067

Tritanomaly

11.3290, -5.5852, 18.1285

Monochromacy



Original Color

10.7420, -5.2958, 18.6433

Achromatopsia

11.0000, 0.0000, 0.0000

Achromatomaly

11.1750, -2.0583, 6.8625

CSS Examples

Text

The CSS property to change the color of the text to YUV 10.7420, -5.2958, 18.6433 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(32, 2, 0)` looks like.

```
.text, #text, p{  
    color:rgb(32, 2, 0)  
}
```

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(32, 2, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(32, 2, 0) }
```

Border

The CSS property to change the border of an element to YUV 10.7420, -5.2958, 18.6433 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(32, 2, 0) }
```


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

```
.border{ border-color:rgb(32, 2, 0) }
```

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

Here you see how a box with a 4 pixel `rgb(32, 2, 0)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(32, 2, 0); -webkit-box-shadow:4px  
4px 4px 4px rgb(32, 2, 0); box-shadow:4px  
4px 4px 4px rgb(32, 2, 0) }
```

Background

The CSS property to change the background color of an element to YUV 10.7420, -5.2958, 18.6433 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(32, 2, 0) }
```

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

```
.background{ background-color: rgb(32, 2,  
0) }
```

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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