

Converting Colors

YUV(51.8130, -22.5858,
104.5270)

Have a look what the booklet for
YUV(51.8130, -22.5858, 104.5270)
contains.

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Color

**YUV(51.8130, -22.5858,
104.5270)**

Conversions

Conversions Part 1

Format	Color
Hex	AB0006
RGB	171, 0, 6
RGB Percent	67%, 0%, 2%
CMY	0.3294, 1.0000, 0.9765
CMYK	0.00, 1.00, 0.96, 0.33
HSL	358°, 100%, 34%
HSV	358°, 100%, 67%
XYZ	16.8275, 8.6711, 0.9591
YIQ	51.8130, 99.9900, 38.1180

Conversions

Conversions Part 2

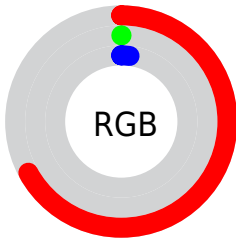
Format	Color
RYB	171, 0, 6
Decimal	11206662
CIELab	35.34, 59.45, 47.22
CIElCh	35, 75.920, 38.458
Yxy	8.6711, 0.6360, 0.3277
Android (android.graphics.Color)	4289396742 (0xFFAB0006)
YUV	51.8130, -22.5858, 104.5270
Hunter-Lab	29.4467, 50.4730, 18.6816

Details

The YUV color **51.8130, -22.5858, 104.5270** is a dark color, and the websafe version is hex **990000**. A complement of this color would be **119.1870, 22.5858, -104.5270**, and the grayscale version is **52.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **121.5060, -33.7735, 99.5342**, and **32.2920, -15.9200, 66.3959** is the 20% darker color. If you saturate the color by 10%, you get **51.8130, -22.5858, 104.5270**, and if you desaturate by 10%, it is **63.7300, -20.0799, 94.0758**.

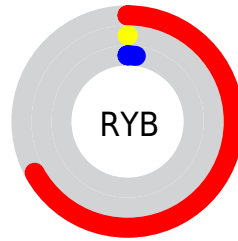
Distribution



Red (67%)

Green (0%)

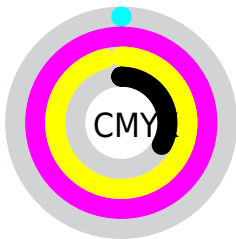
Blue (2%)



Red (67%)

Yellow (0%)

Blue (2%)

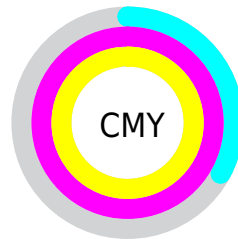


Cyan (0%)

Magenta (100%)

Yellow (96%)

Black (33%)



Cyan (33%)


Magenta (100%)


Yellow (98%)


Brightness & Saturation Gradients


These gradients show how the YUV color 51.8130, -22.5858, 104.5270 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 51.8130, -22.5858, 104.5270 by changing the saturation by 10% instead.


 51.8130, -22.5858,
104.5270


 51.8130, -22.5858,
104.5270


 252.9480, -7.8624,
1.7996


 41.8600, -20.6370,
86.0688


 121.5060,
-33.7735, 99.5342

 32.2920, -15.9200,
66.3959

 147.2450,
-34.6308, 94.5011


 23.4360, -11.0609,
47.8526

 166.5310,
-31.8138, 77.5873

 15.1780, -6.4968,
30.5389

 185.8170,
-28.9968, 60.6735


 0.0000, 0.0000,
0.0000


 205.9180,
-25.5956, 43.0449


 226.0190,


-22.1944, 25.4163


 246.8210,
-18.6458, 7.1730


 51.8130, -22.5858,
104.5270

 63.7300, -20.0799,
94.0758

 75.5330, -18.0108,
83.7246

 87.4500, -15.5049,
73.2733

 99.2530, -13.4357,
62.9221

 111.0560,
-11.3666, 52.5709

■ 123.5600, -9.1501,
41.6049

■ 135.3630, -7.0810,
31.2536

■ 147.2800, -4.5750,
20.8024

■ 159.0830, -2.5059,
10.4512

Harmonies

Analogous

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



62.8820, 3.0162, 106.2205



51.8130, -22.5858, 104.5270



77.0580, -37.9896, 51.6921

Triad

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



51.8130, -22.5858, 104.5270



64.9240, -15.2455, -56.9383



74.5530, 64.8034, -65.3830

Complementary

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



51.8130, -22.5858, 104.5270



119.1870, 22.5858, -104.5270

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.



82.4460, 56.9681, -72.3051



51.8130, -22.5858, 104.5270



73.6220, 13.0044, -64.5665

Square

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



51.8130, -22.5858, 104.5270



58.1130, -28.6497, -50.9651



80.2340, 38.3386, -70.3652



82.4060, 48.1138, 14.5529

Rectangle

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



51.8130, -22.5858, 104.5270



78.3550, -38.6290, 23.3677



80.2340, 38.3386, -70.3652



78.1890, 63.5038, -68.5718

Sweetspot

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



51.8130, -22.5858, 104.5270



175.3750, -8.5659, 40.8901



67.9320, 50.8125, 82.4976



84.0740, -5.4595, 24.4911



240.0000, 0.0000, 0.0000



112.0000, 0.0000, 0.0000

Same Dimension

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



51.8130, -22.5858, 104.5270



67.2900, -29.2300, 135.6807



96.3280, -47.4897, 65.4873



80.6910, -1.3267, 5.5330



45.4200, -19.9271, 91.7167



6.9910, -2.9536, 14.0399

Inverse Universe

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



51.8130, -22.5858, 104.5270



67.2900, -29.2300, 135.6807



74.6720, 47.4897, -65.4873



80.6910, -1.3267, 5.5330



45.4200, -19.9271, 91.7167



6.9910, -2.9536, 14.0399

Previews

White Background



This preview shows how the YUV color 51.8130, -22.5858, 104.5270 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 51.8130, -22.5858, 104.5270

Background



This preview shows how black text looks on a background with the YUV color 51.8130, -22.5858, 104.5270.



This preview shows how white text looks on a background with the YUV color 51.8130, -22.5858,

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

51.8130, -22.5858, 104.5270

Protanopia

82.1070, -29.1398, 13.0612

Deuteranopia

80.7250, -39.7974, 24.7972



Tritanopia

60.2220, -29.6894, 96.2753

Trichromacy



Original Color

51.8130, -22.5858, 104.5270

Protanomaly

71.2990, -26.7694, 46.2188

Deuteranomaly

70.2200, -33.6325, 54.1811

Tritanomaly

56.9280, -27.0795, 99.1641

Monochromacy



Original Color

51.8130, -22.5858, 104.5270

Achromatopsia

52.0000, 0.0000, 0.0000

Achromatomaly

51.7660, -8.2656, 37.9162

CSS Examples

Text

The CSS property to change the color of the text to YUV 51.8130, -22.5858, 104.5270 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(171, 0, 6)` looks like.

```
.text, #text, p{  
    color:rgb(171, 0, 6)  
}
```

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(171, 0, 6) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(171, 0, 6) }
```

Border

The CSS property to change the border of an element to YUV 51.8130, -22.5858, 104.5270 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(171, 0, 6) }
```


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

```
.border{ border-color:rgb(171, 0, 6) }
```

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

Here you see how a box with a 4 pixel `rgb(171, 0, 6)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(171, 0, 6); -webkit-box-shadow:4px  
4px 4px 4px rgb(171, 0, 6); box-shadow:4px  
4px 4px 4px rgb(171, 0, 6) }
```

Background

The CSS property to change the background color of an element to YUV 51.8130, -22.5858, 104.5270 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(171, 0, 6) }
```

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

```
.background{ background-color: rgb(171, 0,  
6) }
```

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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