

Converting Colors

YUV(19.8820, 2.5232, 30.7985)

Have a look what the booklet for
YUV(19.8820, 2.5232, 30.7985)
contains.

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Color

**YUV(19.8820, 2.5232,
30.7985)**

Conversions

Conversions Part 1

Format	Color
Hex	370119
RGB	55, 1, 25
RGB Percent	22%, 0%, 10%
CMY	0.7843, 0.9961, 0.9020
CMYK	0.00, 0.98, 0.55, 0.78
HSL	333°, 96%, 11%
HSV	333°, 98%, 22%
XYZ	1.7619, 0.9041, 1.0014
YIQ	19.8820, 24.4800, 18.9120

Conversions

Conversions Part 2

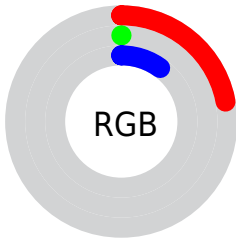
Format	Color
RYB	55, 1, 25
Decimal	3604761
CIELab	8.17, 28.16, -0.24
CIELCh	8, 28.165, 359.517
Yxy	0.9041, 0.4804, 0.2465
Android (android.graphics.Color)	4281794841 (0xFF370119)
YUV	19.8820, 2.5232, 30.7985
Hunter-Lab	9.5085, 16.4350, 0.4121

Details

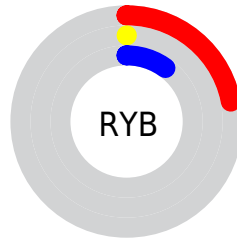
The YUV color **19.8820, 2.5232, 30.7985** is a dark color, and the websafe version is hex **330000**. A complement of this color would be **36.1180, -2.5232, -30.7985**, and the grayscale version is **20.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **67.3230, 0.3338, 33.0427**, and **0.0000, 0.0000, 0.0000** is the 20% darker color. If you saturate the color by 10%, you get **19.1810, 2.3758, 31.4133**, and if you desaturate by 10%, it is **23.1590, 2.3866, 27.9246**.

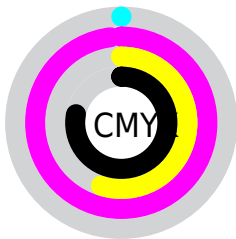
Distribution



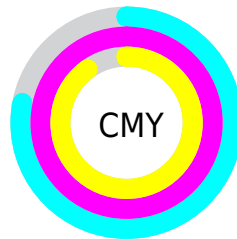
- Red (22%)
- Green (0%)
- Blue (10%)



- Red (22%)
- Yellow (0%)
- Blue (10%)



- Cyan (0%)
- Magenta (98%)
- Yellow (55%)
- Black (78%)



- Cyan (78%)
- Magenta (100%)
- Yellow (90%)

Brightness & Saturation Gradients

These gradients show how the YUV color 19.8820, 2.5232, 30.7985 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 19.8820, 2.5232, 30.7985 by changing the saturation by 10% instead.

■ 19.8820, 2.5232,
30.7985

■ 19.8820, 2.5232,
30.7985

■ 239.8690, 5.4876,
13.2699

■ 10.2800, -4.5750,
20.8024

■ 67.3230, 0.3338,
33.0427

■ 0.0000, 0.0000,
0.0000

■ 91.5190, -0.2559,
35.5018


■ 117.1170, -0.5507,
36.7314

■ 142.7150, -0.8455,
37.9609

■ 169.7260, -0.8509,
39.7053


■ 197.3240, -1.1457,


40.9349

 220.2410, 1.3602,
30.4836


 19.8820, 2.5232,
30.7985


 19.8820, 2.5232,
30.7985


 19.1810, 2.3758,
31.4133

 23.1590, 2.3866,
27.9246

 27.0230, 1.9607,
24.5358

 30.3000, 1.8241,
21.6619

 34.1640, 1.3981,
18.2732

 37.4410, 1.2616,
15.3992

■ 41.3050, 0.8356,
12.0105

■ 45.1690, 0.4097,
8.6218

■ 48.4460, 0.2731,
5.7479

■ 52.4240, 0.2840,
2.2592

Harmonies

Analogous

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



23.0530, 9.8339, 19.2475



19.8820, 2.5232, 30.7985



18.7930, -9.2649, 31.7535

Triad

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



19.8820, 2.5232, 30.7985



19.4260, -9.5770, -8.2666



24.5810, 15.4896, -21.5575

Complementary

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



19.8820, 2.5232, 30.7985



36.1180, -2.5232, -30.7985

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.



24.1590, 8.7956, -21.1874



19.8820, 2.5232, 30.7985



18.7840, -9.2605, -16.4736

Square

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



19.8820, 2.5232, 30.7985



23.0690, -11.3730, 7.8325



22.5800, 0.2071, -19.8027



22.3300, 19.5573, -19.5834

Rectangle

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



19.8820, 2.5232, 30.7985



21.4070, -10.5537, 25.0761



22.5800, 0.2071, -19.8027



24.7120, 13.4530, -21.6724

Sweetspot

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



19.8820, 2.5232, 30.7985



58.0060, 0.9830, 11.3957



16.1260, 19.1649, 13.0445



27.5710, 0.7045, 7.3922



163.0000, 0.0000, 0.0000



36.0000, 0.0000, 0.0000

Same Dimension

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



19.8820, 2.5232, 30.7985



24.8770, 3.5116, 40.4499



18.9070, -8.8282, 31.6536



26.0110, -0.0054, 1.7444



32.1820, 4.3473, 52.4604



76.5390, 10.0873, 124.9383

Inverse Universe

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



19.8820, 2.5232, 30.7985



24.8770, 3.5116, 40.4499



37.0930, 8.8282, -31.6536



26.0110, -0.0054, 1.7444



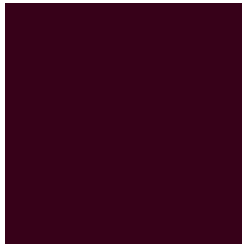
32.1820, 4.3473, 52.4604



76.5390, 10.0873, 124.9383

Previews

White Background



This preview shows how the YUV color 19.8820, 2.5232, 30.7985 looks on a white background.

Color Contrast Check

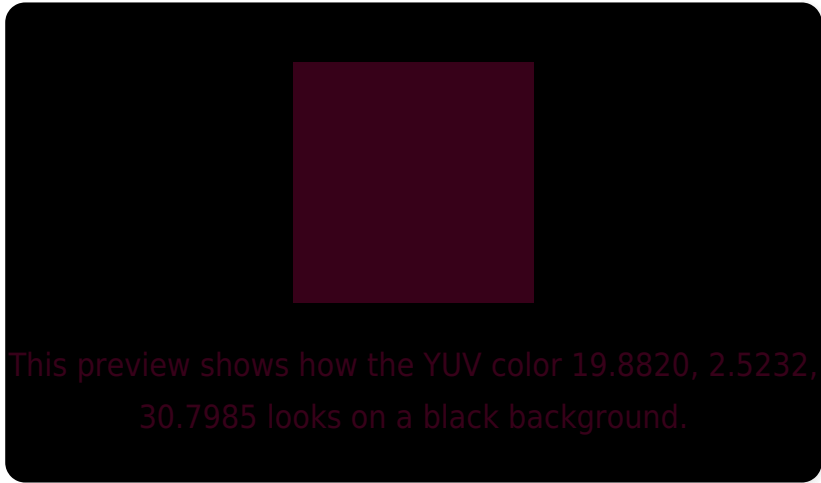
Large Text (above 18pt) WCAG AA ✓ Pass

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

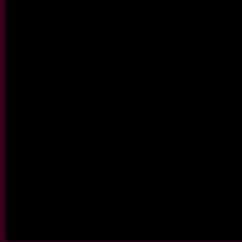
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 19.8820, 2.5232, 30.7985

Background



This preview shows how black text looks on a background with the YUV color 19.8820, 2.5232, 30.7985.



This preview shows how white text looks on a background with the YUV color 19.8820, 2.5232, 30.7985.

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

19.8820, 2.5232, 30.7985

Protanopia

28.3140, 3.7892, -2.0294

Deuteranopia

28.3380, -2.6316, 4.0886



Tritanopia

23.1560, -6.4859, 27.0502

Trichromacy



Original Color

19.8820, 2.5232, 30.7985

Protanomaly

25.2770, 3.3144, 10.2811

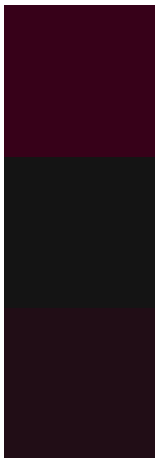
Deuteranomaly

25.5610, -0.7696, 13.5400

Tritanomaly

21.9650, -3.4337, 28.0947

Monochromacy



Original Color

19.8820, 2.5232, 30.7985

Achromatopsia

20.0000, 0.0000, 0.0000

Achromatomaly

20.0060, 0.9830, 11.3957

CSS Examples

Text

The CSS property to change the color of the text to YUV 19.8820, 2.5232, 30.7985 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(55, 1, 25)` looks like.

```
.text, #text, p{  
    color:rgb(55, 1, 25)  
}
```

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(55, 1, 25) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(55, 1, 25) }
```

Border

The CSS property to change the border of an element to YUV 19.8820, 2.5232, 30.7985 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(55, 1, 25) }
```


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

```
.border{ border-color:rgb(55, 1, 25) }
```

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

Here you see how a box with a 4 pixel `rgb(55, 1, 25)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(55, 1, 25); -webkit-box-shadow:4px  
4px 4px 4px rgb(55, 1, 25); box-shadow:4px  
4px 4px 4px rgb(55, 1, 25) }
```

Background

The CSS property to change the background color of an element to YUV 19.8820, 2.5232, 30.7985 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(55, 1, 25) }
```

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

```
.background{ background-color: rgb(55, 1,  
25) }
```

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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