

Converting Colors

YUV(27.9720, -10.8322,
21.0726)

Have a look what the booklet for
YUV(27.9720, -10.8322, 21.0726)
contains.

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Color

**YUV(27.9720, -10.8322,
21.0726)**

Conversions

Conversions Part 1

Format	Color
Hex	341406
RGB	52, 20, 6
RGB Percent	20%, 8%, 2%
CMY	0.7961, 0.9216, 0.9765
CMYK	0.00, 0.62, 0.88, 0.80
HSL	18°, 79%, 11%
HSV	18°, 88%, 20%
XYZ	1.6992, 1.2435, 0.3228
YIQ	27.9720, 23.5660, 2.4300

Conversions

Conversions Part 2

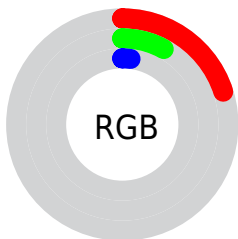
Format	Color
RYB	52, 26, 6
Decimal	3412998
CIELab	10.87, 14.90, 14.13
CIELCh	11, 20.537, 43.486
Yxy	1.2435, 0.5204, 0.3808
Android (android.graphics.Color)	4281603078 (0xFF341406)
YUV	27.9720, -10.8322, 21.0726
Hunter-Lab	11.1513, 7.6843, 6.0899

Details

The YUV color **27.9720, -10.8322, 21.0726** is a dark color, and the websafe version is hex **330000**. A complement of this color would be **30.0280, 10.8322, -21.0726**, and the grayscale version is **28.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **72.9940, -10.8430, 24.5613**, and **0.0000, 0.0000, 0.0000** is the 20% darker color. If you saturate the color by 10%, you get **25.0540, -11.8586, 23.6316**, and if you desaturate by 10%, it is **30.8900, -9.8058, 18.5135**.

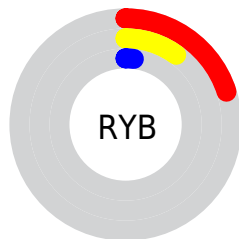
Distribution



Red (20%)

Green (8%)

Blue (2%)



Red (20%)

Yellow (10%)

Blue (2%)

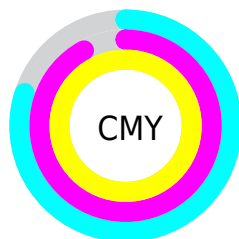


Cyan (0%)

Magenta (62%)

Yellow (88%)

Black (80%)



Cyan (80%)

Magenta (92%)

Yellow (98%)

Brightness & Saturation Gradients

These gradients show how the YUV color 27.9720, -10.8322, 21.0726 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 27.9720, -10.8322, 21.0726 by changing the saturation by 10% instead.

■ 27.9720, -10.8322,
21.0726

■ 27.9720, -10.8322,
21.0726

■ 247.5680, -8.1680,
6.5179

■ 8.9700, -4.4222,
18.4433

■ 72.9940, -10.8430,
24.5613

■ 0.0000, 0.0000,
0.0000

■ 97.4780, -11.5747,
25.8908


■ 122.3750,
-12.0169, 27.7351


■ 148.5600,
-12.6011, 28.4499


■ 175.1580,
-12.8959, 29.6794


■ 202.6420,


-13.6275, 31.0090


 227.3530,
-12.0060, 24.2464


 27.9720, -10.8322,
21.0726

 27.9720, -10.8322,
21.0726


 25.0540, -11.8586,
23.6316


 30.8900, -9.8058,
18.5135

 24.9400, -12.2954,
23.7316

 33.2210, -8.4900,
16.4692

 36.2530, -7.0267,
13.8101

 38.5840, -5.7109,
11.7658

 41.5020, -4.6845,
9.2067

■ 44.4200, -3.6581,
6.6477

■ 46.7510, -2.3422,
4.6034

■ 49.7830, -0.8790,
1.9443

■ 52.7010, 0.1474,
-0.6148

Harmonies

Analogous

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



28.4590, -2.6913, 23.2765



27.9720, -10.8322, 21.0726



28.4180, -14.0101, 13.6654

Triad

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



27.9720, -10.8322, 21.0726



23.5260, -1.2453, -20.6323



27.5930, 14.0047, -11.9211

Complementary

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



27.9720, -10.8322, 21.0726



30.0280, 10.8322, -21.0726

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.



25.7550, 14.9108, -22.5871



27.9720, -10.8322, 21.0726



25.1220, 4.8699, -22.0320

Square

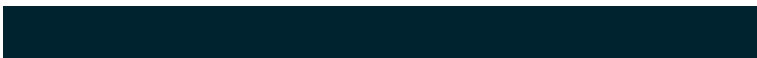
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



27.9720, -10.8322, 21.0726



25.2690, -11.4716, -7.2519



26.0170, 10.8376, -22.8169



30.5630, 9.5824, 6.5222

Rectangle

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



27.9720, -10.8322, 21.0726



27.7870, -13.6990, 7.2028



26.0170, 10.8376, -22.8169



24.4070, 16.0683, -20.5279

Sweetspot

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



27.9720, -10.8322, 21.0726



59.2030, -4.5371, 8.5920



23.4020, 7.1968, 25.0804



29.9360, -2.9264, 5.3181



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.



27.9720, -10.8322, 21.0726



32.9580, -16.2483, 31.6088



41.4730, -17.4882, 9.2322



24.4840, -0.7316, 1.3295



42.4600, -20.9328, 40.8156



103.6250, -51.0871, 99.4299

Inverse Universe

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



30.0280, 10.8322, -21.0726



36.0420, 16.2483, -31.6088



16.5270, 17.4882, -9.2322



24.5160, 0.7316, -1.3295



46.5400, 20.9328, -40.8156



113.3750, 51.0871, -99.4299

Previews

White Background



This preview shows how the YUV color 27.9720, -10.8322, 21.0726 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

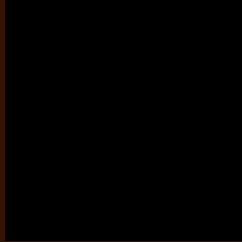
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 27.9720, -10.8322, 21.0726

Background



This preview shows how black text looks on a background with the YUV color 27.9720, -10.8322, 21.0726.

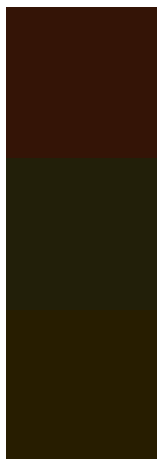


This preview shows how white text looks on a background with the YUV color 27.9720, -10.8322,

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

27.9720, -10.8322, 21.0726

Protanopia

29.3890, -10.0518, 4.0438

Deuteranopia

28.6840, -14.1412, 9.0471



Tritanopia

28.9810, -4.4276, 20.1877

Trichromacy



Original Color

27.9720, -10.8322, 21.0726

Protanomaly

29.0200, -10.3629, 10.5065

Deuteranomaly

28.6460, -13.1365, 13.4655

Tritanomaly

28.4110, -6.6116, 20.6876

Monochromacy



Original Color

27.9720, -10.8322, 21.0726

Achromatopsia

28.0000, 0.0000, 0.0000

Achromatomaly

28.0180, -3.9529, 7.8772

CSS Examples

Text

The CSS property to change the color of the text to YUV 27.9720, -10.8322, 21.0726 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(52, 20, 6)` looks like.

```
.text, #text, p{  
    color:rgb(52, 20, 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(52, 20, 6) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(52, 20, 6) }
```

Border

The CSS property to change the border of an element to YUV 27.9720, -10.8322, 21.0726 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(52, 20, 6) }
```


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

```
.border{ border-color:rgb(52, 20, 6) }
```

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

Here you see how a box with a 4 pixel `rgb(52, 20, 6)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(52, 20, 6); -webkit-box-shadow:4px  
4px 4px 4px rgb(52, 20, 6); box-shadow:4px  
4px 4px 4px rgb(52, 20, 6) }
```

Background

The CSS property to change the background color of an element to YUV 27.9720, -10.8322, 21.0726 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(52, 20, 6) }
```

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

```
.background{ background-color: rgb(52, 20,  
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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