

Converting Colors

YUV(21.7210, 30.2105, 16.9077)

Have a look what the booklet for
YUV(21.7210, 30.2105, 16.9077)
contains.

YUV(21.7210, 30.2105, 16.9077)	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>	30

Color

**YUV(21.7210, 30.2105,
16.9077)**

Conversions

Conversions Part 1

Format	Color
Hex	290053
RGB	41, 0, 83
RGB Percent	16%, 0%, 33%
CMY	0.8392, 1.0000, 0.6745
CMYK	0.51, 1.00, 0.00, 0.67
HSL	270°, 100%, 16%
HSV	270°, 100%, 33%
XYZ	2.4758, 1.0960, 8.2647
YIQ	21.7210, -2.2070, 34.5050

Conversions

Conversions Part 2

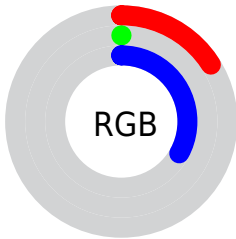
Format	Color
R_YB	41, 0, 83
Decimal	2687059
CIE Lab	9.77, 37.15, -40.26
CIE LCh	10, 54.781, 312.705
Yxy	1.0960, 0.2092, 0.0926
Android (android.graphics.Color)	4280877139 (0xFF290053)
YUV	21.7210, 30.2105, 16.9077
Hunter-Lab	10.4688, 23.8936, -39.4789

Details

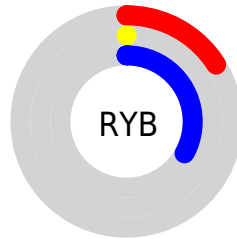
The YUV color **21.7210, 30.2105, 16.9077** is a dark color, and the websafe version is hex **330066**. A complement of this color would be **61.2790, -30.2105, -16.9077**, and the grayscale version is **21.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **70.8460, 30.6419, 18.5521**, and **5.3920, 15.5827, -4.7288** is the 20% darker color. If you saturate the color by 10%, you get **21.7210, 30.2105, 16.9077**, and if you desaturate by 10%, it is **27.6130, 27.3058, 15.2484**.

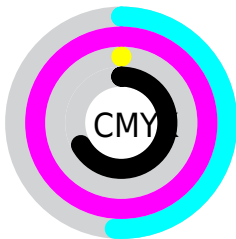
Distribution



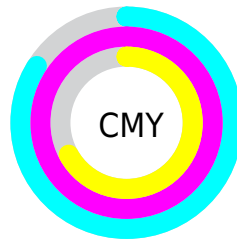
- Red (16%)
- Green (0%)
- Blue (33%)



- Red (16%)
- Yellow (0%)
- Blue (33%)



- Cyan (51%)
- Magenta (100%)
- Yellow (0%)
- Black (67%)



- Cyan (84%)
- Magenta (100%)
- Yellow (67%)

Brightness & Saturation Gradients

These gradients show how the YUV color 21.7210, 30.2105, 16.9077 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 21.7210, 30.2105, 16.9077 by changing the saturation by 10% instead.

■ 21.7210, 30.2105,
16.9077

■ 21.7210, 30.2105,
16.9077

■ 241.4990, 6.6560,
11.8404

■ 13.4180, 22.9649,
7.5264

■ 70.8460, 30.6419,
18.5521

■ 5.3920, 15.5827,
-4.7288

■ 96.0850, 31.5101,
20.0965

■ 2.0690, 5.3890,
-1.8145

■ 121.9110, 32.0889,
21.1261

■ 0.0000, 0.0000,
0.0000

■ 148.4380, 32.8151,
21.5409

■ 175.3780, 33.8306,
22.4705

■ 201.1520, 26.5471,

25.2997

■ 225.0630, 14.7589,
26.2547

■ 21.7210, 30.2105,
16.9077

■ 27.6130, 27.3058,
15.2484

■ 34.0920, 24.1116,
13.0743

■ 40.2830, 21.0595,
12.0298

■ 46.1750, 18.1547,
10.3705

■ 52.0670, 15.2500,
8.7112

■ 58.5460, 12.0558,
6.5372

■ 64.4380, 9.1511,
4.8779

■ 70.6290, 6.0989,
3.8334

■ 77.1080, 2.9048,
1.6593

Harmonies

Analogous

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



28.6510, 36.1611, -25.1269



21.7210, 30.2105, 16.9077



29.0220, 10.3422, 42.9537

Triad

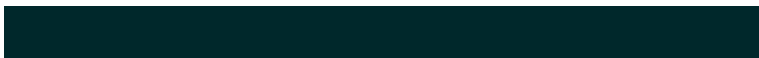
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



21.7210, 30.2105, 16.9077



24.9400, -12.2954, 23.7316



28.3820, 7.2067, -24.8910

Complementary

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



21.7210, 30.2105, 16.9077



61.2790, -30.2105, -16.9077

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.



22.8930, -11.2862, -20.0772



21.7210, 30.2105, 16.9077



24.1770, -11.9193, -3.6632

Square

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



21.7210, 30.2105, 16.9077



22.1260, -10.9081, 45.4935



22.3060, -10.9969, -19.5624



33.5460, 21.9158, -29.4198

Rectangle

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



21.7210, 30.2105, 16.9077



28.3790, -1.1728, 49.6566



22.3060, -10.9969, -19.5624



26.9000, 1.5283, -23.5913

Sweetspot

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



21.7210, 30.2105, 16.9077



83.4320, 11.6190, 6.6371



34.7030, 23.8104, -30.4345



39.2700, 7.2619, 4.1482



181.0000, 0.0000, 0.0000



54.0000, 0.0000, 0.0000

Same Dimension

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



21.7210, 30.2105, 16.9077



28.0450, 38.9248, 21.8855



33.9800, 24.1669, 42.1135



38.0540, 1.4524, 0.8296



27.5180, 38.1986, 21.4707



60.8330, 84.3853, 47.5045

Inverse Universe

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



29.6050, 6.1107, 46.8274



38.1490, 7.8145, 60.3823



49.0200, -24.1669, -42.1135



38.4240, 0.2840, 2.2592



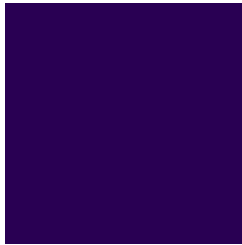
37.4370, 7.6726, 59.2528



82.7060, 16.9069, 130.9308

Previews

White Background



This preview shows how the YUV color 21.7210, 30.2105, 16.9077 looks on a white background.

Color Contrast Check

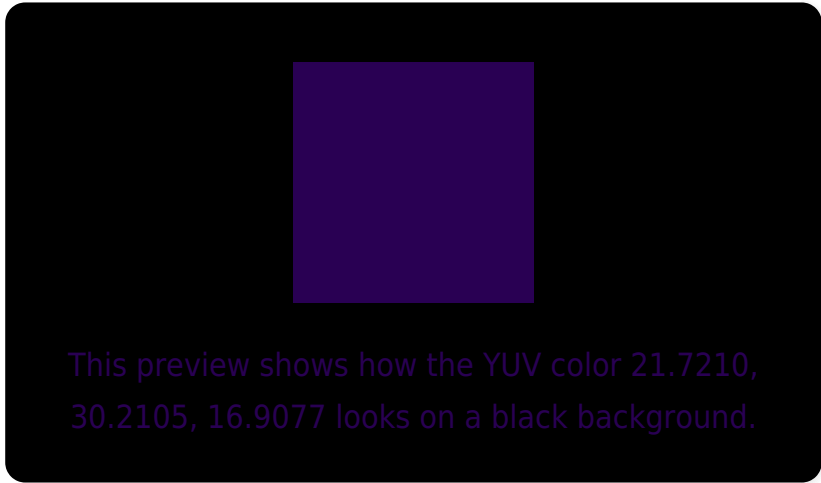
Large Text (above 18pt) WCAG AA ✓ Pass

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

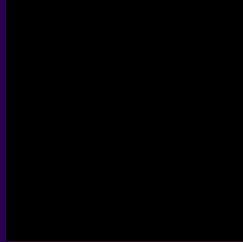
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 21.7210, 30.2105, 16.9077

Background



This preview shows how black text looks on a background with the YUV color 21.7210, 30.2105, 16.9077.



This preview shows how white text looks on a background with the YUV color 21.7210, 30.2105,

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



Protanopia

24.9060, 19.2733, -21.8426

Deuteranopia

25.6410, 14.4740, -22.4872

Tritanopia

30.8470, 2.0474, -3.3738

Trichromacy



Protanomaly

23.7320, 23.3031, -7.6580

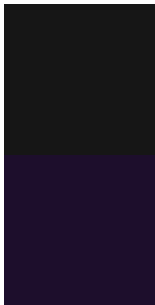
Deuteranomaly

24.2220, 20.1036, -8.0877

Tritanomaly

27.2360, 12.2087, 4.1780

Monochromacy



Achromatopsia

22.0000, 0.0000, 0.0000

Achromatomaly

21.9050, 10.8928, 6.2223

CSS Examples

Text

The CSS property to change the color of the text to YUV 21.7210, 30.2105, 16.9077 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(41, 0, 83)` looks like.

```
.text, #text, p{  
    color:rgb(41, 0, 83)  
}
```

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(41, 0, 83) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(41, 0, 83) }
```

Border

The CSS property to change the border of an element to YUV 21.7210, 30.2105, 16.9077 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(41, 0, 83) }
```

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

```
.border{ border-color:rgb(41, 0, 83) }
```

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

Here you see how a box with a 4 pixel `rgb(41, 0, 83)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(41, 0, 83); -webkit-box-shadow:4px  
4px 4px 4px rgb(41, 0, 83); box-shadow:4px  
4px 4px 4px rgb(41, 0, 83) }
```


Background

The CSS property to change the background color of an element to YUV 21.7210, 30.2105, 16.9077 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(41, 0, 83) }
```

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

```
.background{ background-color: rgb(41, 0,  
83) }
```

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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