

Converting Colors

YUV(30.0200, -10.3629,
10.5065)

Have a look what the booklet for
YUV(30.0200, -10.3629, 10.5065)
contains.

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Color

**YUV(30.0200, -10.3629,
10.5065)**

Conversions

Conversions Part 1

Format	Color
Hex	2A1C09
RGB	42, 28, 9
RGB Percent	16%, 11%, 4%
CMY	0.8353, 0.8902, 0.9647
CMYK	0.00, 0.33, 0.79, 0.84
HSL	35°, 65%, 10%
HSV	35°, 79%, 16%
XYZ	1.4194, 1.3425, 0.4428
YIQ	30.0200, 14.4430, -2.9410

Conversions

Conversions Part 2

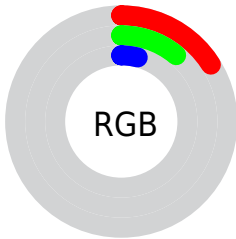
Format	Color
RYB	33, 42, 9
Decimal	2759689
CIELab	11.57, 4.30, 13.61
CIELCh	12, 14.276, 72.489
Yxy	1.3425, 0.4429, 0.4189
Android (android.graphics.Color)	4280949769 (0xFF2A1C09)
YUV	30.0200, -10.3629, 10.5065
Hunter-Lab	11.5865, 1.5908, 5.8449

Details

The YUV color **30.0200, -10.3629, 10.5065** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **20.9800, 10.3629, -10.5065**, and the grayscale version is **30.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **74.0310, -10.3683, 12.2508**, and **0.0000, 0.0000, 0.0000** is the 20% darker color. If you saturate the color by 10%, you get **28.3900, -11.5313, 11.9360**, and if you desaturate by 10%, it is **31.6500, -9.1944, 9.0770**.

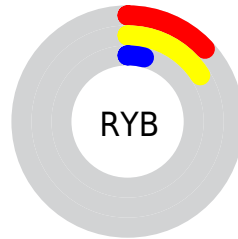
Distribution



Red (16%)

Green (11%)

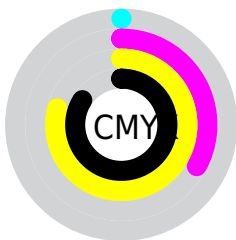
Blue (4%)



Red (13%)

Yellow (16%)

Blue (4%)

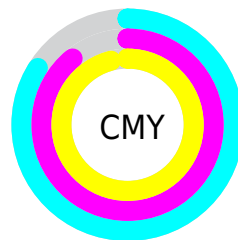


Cyan (0%)

Magenta (33%)

Yellow (79%)

Black (84%)



Cyan (84%)

Magenta (89%)

Yellow (96%)

Brightness & Saturation Gradients

These gradients show how the YUV color 30.0200, -10.3629, 10.5065 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 30.0200, -10.3629, 10.5065 by changing the saturation by 10% instead.

■ 30.0200, -10.3629,
10.5065

■ 30.0200, -10.3629,
10.5065

■ 252.4920, -9.6096,
2.1995

■ 6.5560, -3.2321,
10.0364

■ 74.0310, -10.3683,
12.2508

■ 0.0000, 0.0000,
0.0000

■ 98.2160, -10.9525,
12.9656


■ 123.4010,
-11.5367, 13.6803


■ 148.9990,
-11.8315, 14.9099


■ 175.8850,
-12.2683, 15.0099


■ 203.1840,


-12.4157, 15.6246


 231.3690,
-12.9999, 16.3394


 30.0200, -10.3629,
10.5065


 30.0200, -10.3629,
10.5065


 28.3900, -11.5313,
11.9360


 31.6500, -9.1944,
9.0770


 26.7600, -12.6997,
13.3655

 33.2800, -8.0260,
7.6474

 26.6460, -13.1365,
13.4655

 34.4370, -6.1314,
6.6328

 36.0670, -4.9630,
5.2032

 37.6970, -3.7946,
3.7737

■ 39.3270, -2.6262,
2.3442

■ 40.3700, -1.1684,
1.4295

■ 42.1140, 0.4368,
-0.1000

■ 43.7440, 1.6052,
-1.5295

Harmonies

Analogous

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



30.9650, -6.8847, 14.9397



30.0200, -10.3629, 10.5065



28.9760, -10.3412, 3.5290

Triad

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



30.0200, -10.3629, 10.5065



25.1220, 4.8699, -22.0320



32.0420, 6.3883, 4.3482

Complementary

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



30.0200, -10.3629, 10.5065



20.9800, 10.3629, -10.5065

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.



29.8880, 9.9152, -6.9178



30.0200, -10.3629, 10.5065



25.5610, 9.0904, -22.4170

Square

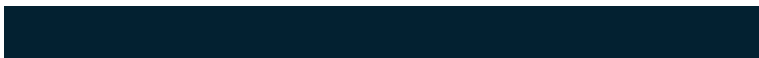
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



30.0200, -10.3629, 10.5065



25.9720, -0.9722, -14.8844



25.8540, 11.4110, -20.0430



32.0600, 2.4354, 12.2254

Rectangle

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



30.0200, -10.3629, 10.5065



28.5130, -8.1409, -2.2039



25.8540, 11.4110, -20.0430



31.6610, 7.5621, 1.1743

Sweetspot

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



30.0200, -10.3629, 10.5065



48.9960, -3.9420, 4.3885



20.4630, 1.2507, 18.8879



25.3270, -2.6262, 2.3442



156.0000, 0.0000, 0.0000



28.0000, 0.0000, 0.0000

Same Dimension

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



30.0200, -10.3629, 10.5065



35.2720, -15.9101, 16.4245



37.6400, -14.1195, 2.0697



19.7720, -0.8736, 0.2000



53.2920, -26.2730, 26.9309



135.0020, -66.5560, 67.5272

Inverse Universe

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



20.9800, 10.3629, -10.5065



21.7280, 15.9101, -16.4245



13.3600, 14.1195, -2.0697



18.8150, 0.5842, -0.7148



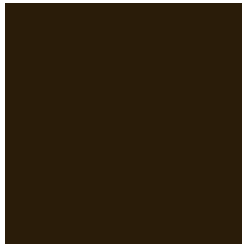
30.7080, 26.2730, -26.9309



76.9980, 66.5560, -67.5272

Previews

White Background



This preview shows how the YUV color 30.0200, -10.3629, 10.5065 looks on a white background.

Color Contrast Check

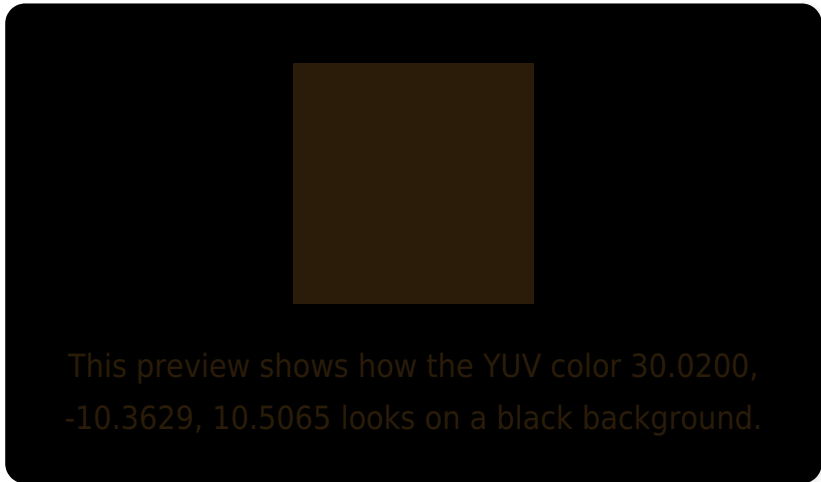
Large Text (above 18pt) WCAG AA ✓ Pass

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

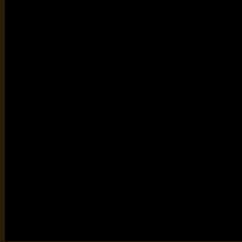
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 30.0200, -10.3629, 10.5065

Background



This preview shows how black text looks on a background with the YUV color 30.0200, -10.3629, 10.5065.

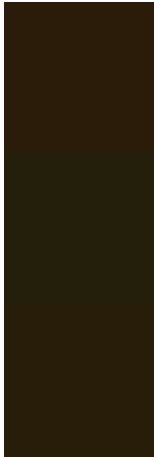


This preview shows how white text looks on a background with the YUV color 30.0200, -10.3629,

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

30.0200, -10.3629, 10.5065

Protanopia

29.8020, -9.7624, 4.5586

Deuteranopia

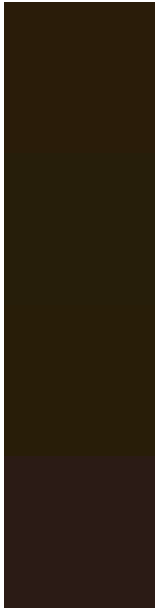
29.5960, -10.6468, 8.2473



Tritanopia

31.3110, -1.6323, 10.2513

Trichromacy



Original Color

30.0200, -10.3629, 10.5065

Protanomaly

30.1120, -9.9152, 6.9178

Deuteranomaly

29.8950, -10.7942, 8.8621

Tritanomaly

31.1000, -4.9793, 10.4363

Monochromacy



Original Color

30.0200, -10.3629, 10.5065

Achromatopsia

30.0000, 0.0000, 0.0000

Achromatomaly

29.6970, -3.7946, 3.7737

CSS Examples

Text

The CSS property to change the color of the text to YUV 30.0200, -10.3629, 10.5065 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(42, 28, 9)` looks like.

```
.text, #text, p{  
    color:rgb(42, 28, 9)  
}
```

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(42, 28, 9) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(42, 28, 9) }
```

Border

The CSS property to change the border of an element to YUV 30.0200, -10.3629, 10.5065 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(42, 28, 9) }
```


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

```
.border{ border-color:rgb(42, 28, 9) }
```

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

Here you see how a box with a 4 pixel `rgb(42, 28, 9)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(42, 28, 9); -webkit-box-shadow:4px  
4px 4px 4px rgb(42, 28, 9); box-shadow:4px  
4px 4px 4px rgb(42, 28, 9) }
```

Background

The CSS property to change the background color of an element to YUV 30.0200, -10.3629, 10.5065 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(42, 28, 9) }
```

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

```
.background{ background-color: rgb(42, 28,  
9) }
```

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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