

Converting Colors

YUV(31.0590, 3.9149, 4.3333)

Have a look what the booklet for
YUV(31.0590, 3.9149, 4.3333)
contains.

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Color

**YUV(31.0590, 3.9149,
4.3333)**

Conversions

Conversions Part 1

Format	Color
Hex	241B27
RGB	36, 27, 39
RGB Percent	14%, 11%, 15%
CMY	0.8588, 0.8941, 0.8471
CMYK	0.08, 0.31, 0.00, 0.85
HSL	285°, 18%, 13%
HSV	285°, 31%, 15%
XYZ	1.4857, 1.3054, 2.0931
YIQ	31.0590, 1.5120, 5.6400

Conversions

Conversions Part 2

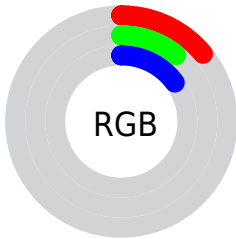
Format	Color
R_{YB}	36, 27, 39
Decimal	2366247
CIE Lab	11.31, 7.29, -6.48
CIE LCh	11, 9.754, 318.333
Yxy	1.3054, 0.3042, 0.2673
Android (android.graphics.Color)	4280556327 (0xFF241B27)
YUV	31.0590, 3.9149, 4.3333
Hunter-Lab	11.4255, 3.2164, -2.8639

Details

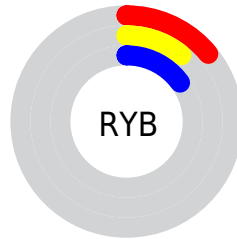
The YUV color **31.0590, 3.9149, 4.3333** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **34.9410, -3.9149, -4.3333**, and the grayscale version is **31.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **74.8850, 4.4937, 5.3629**, and **0.0000, 0.0000, 0.0000** is the 20% darker color. If you saturate the color by 10%, you get **28.4120, 5.2199, 5.7777**, and if you desaturate by 10%, it is **33.7060, 2.6099, 2.8888**.

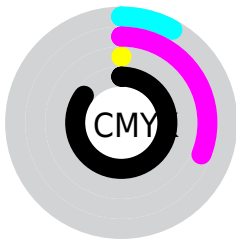
Distribution



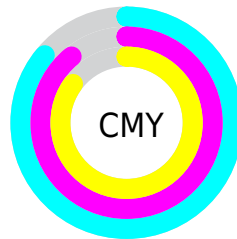
- Red (14%)
- Green (11%)
- Blue (15%)



- Red (14%)
- Yellow (11%)
- Blue (15%)



- Cyan (8%)
- Magenta (31%)
- Yellow (0%)
- Black (85%)



- Cyan (86%)
- Magenta (89%)
- Yellow (85%)

Brightness & Saturation Gradients

These gradients show how the YUV color 31.0590, 3.9149, 4.3333 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 31.0590, 3.9149, 4.3333 by changing the saturation by 10% instead.

■ 31.0590, 3.9149,
4.3333

■ 31.0590, 3.9149,
4.3333

■ 255.0000, 0.0000,
0.0000

■ 6.6510, 6.0881,
7.3221

■ 74.8850, 4.4937,
5.3629

■ 0.0000, 0.0000,
0.0000

■ 98.8850, 4.4937,
5.3629

■ 123.8850, 4.4937,
5.3629

■ 149.4120, 5.2199,
5.7777

■ 176.2980, 4.7831,
5.8777

■ 203.7110, 5.0725,

6.3925

231.8250, 5.5093,
6.2925

31.0590, 3.9149,
4.3333

31.0590, 3.9149,
4.3333

28.4120, 5.2199,
5.7777

33.7060, 2.6099,
2.8888

25.7650, 6.5249,
7.2221

36.3530, 1.3050,
1.4444

23.1180, 7.8298,
8.6665

39.0000, 0.0000,
0.0000

20.4710, 9.1348,
10.1109

41.6470, -1.3050,
-1.4444

18.4110, 10.1504,
11.0406

44.2940, -2.6099,
-2.8888

■ 15.7640, 11.4553,
12.4850

■ 46.3540, -3.6255,
-3.8185

■ 13.1170, 12.7603,
13.9294

■ 49.0010, -4.9305,
-5.2629

■ 51.6480, -6.2355,
-6.7073

■ 54.2950, -7.5404,
-8.1517

Harmonies

Analogous

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



29.9980, 6.4100, -2.6292



31.0590, 3.9149, 4.3333



30.9950, 0.9885, 9.6514

Triad

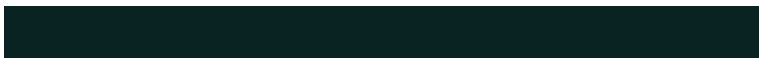
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



31.0590, 3.9149, 4.3333



30.0240, -6.4208, 6.1180



26.5250, 3.6852, -15.3694

Complementary

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



31.0590, 3.9149, 4.3333



34.9410, -3.9149, -4.3333

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.



27.5210, -0.2569, -10.9809



31.0590, 3.9149, 4.3333



29.4040, -6.1152, 1.3997

Square

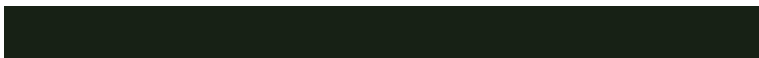
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



31.0590, 3.9149, 4.3333



30.6870, -5.2687, 9.9215



28.6420, -3.7675, -4.9480



26.9210, 6.4479, -14.8397

Rectangle

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



31.0590, 3.9149, 4.3333



30.7240, -1.3429, 10.7661



28.6420, -3.7675, -4.9480



26.8950, 2.5168, -13.9399

Sweetspot

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



31.0590, 3.9149, 4.3333



47.7660, 1.5944, 1.9592



30.1290, 4.3734, -2.7441



23.9400, 1.0156, 0.9296



153.0000, 0.0000, 0.0000



26.0000, 0.0000, 0.0000

Same Dimension

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



31.0590, 3.9149, 4.3333



38.3520, 6.2355, 6.7073



31.6140, 2.1623, 6.4775



18.8260, 0.5788, 1.0296



28.4130, 27.4044, 30.3328



71.7090, 69.1635, 76.5542

Inverse Universe

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



30.9300, -0.4585, 7.0774



38.2510, -0.6167, 11.1809



34.3860, -2.1623, -6.4775



18.7120, 0.1420, 1.1296



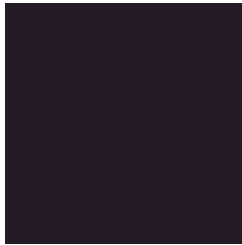
27.5100, -3.2094, 49.5417



69.4300, -8.1000, 125.0339

Previews

White Background



This preview shows how the YUV color 31.0590, 3.9149, 4.3333 looks on a white background.

Color Contrast Check

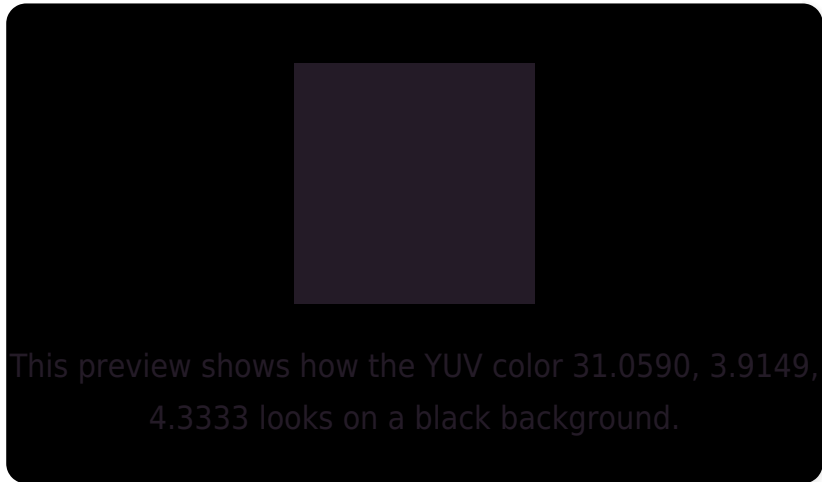
Large Text (above 18pt) WCAG AA ✓ Pass

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

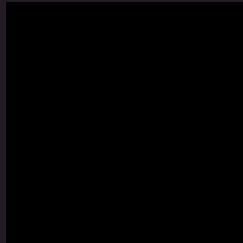
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 31.0590, 3.9149, 4.3333

Background



This preview shows how black text looks on a background with the YUV color 31.0590, 3.9149, 4.3333.



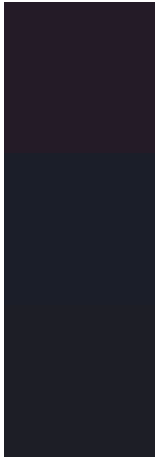
This preview shows how white text looks on a background with the YUV color 31.0590, 3.9149,

4.3333.

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

31.0590, 3.9149, 4.3333

Protanopia

30.3570, 5.2470, -2.9441

Deuteranopia

30.6130, 3.6418, -1.4146



Tritanopia

31.0220, -0.0108, 3.4887

Trichromacy



Original Color

31.0590, 3.9149, 4.3333

Protanomaly

30.5530, 4.6574, -0.4850

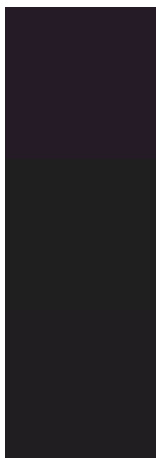
Deuteranomaly

30.9230, 3.4890, 0.9445

Tritanomaly

30.7770, 1.5889, 3.7036

Monochromacy



Original Color

31.0590, 3.9149, 4.3333

Achromatopsia

31.0000, 0.0000, 0.0000

Achromatomaly

31.3530, 1.3050, 1.4444

CSS Examples

Text

The CSS property to change the color of the text to YUV 31.0590, 3.9149, 4.3333 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(36, 27, 39)` looks like.

```
.text, #text, p{  
    color:rgb(36, 27, 39)  
}
```

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(36, 27, 39) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(36, 27, 39) }
```

Border

The CSS property to change the border of an element to YUV 31.0590, 3.9149, 4.3333 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(36, 27, 39) }
```


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

```
.border{ border-color:rgb(36, 27, 39) }
```

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

Here you see how a box with a 4 pixel `rgb(36, 27, 39)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(36, 27, 39); -webkit-box-  
shadow:4px 4px 4px 4px rgb(36, 27, 39);  
box-shadow:4px 4px 4px 4px rgb(36, 27, 39)  
}
```

Background

The CSS property to change the background color of an element to YUV 31.0590, 3.9149, 4.3333 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(36, 27, 39) }
```

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

```
.background{ background-color: rgb(36, 27,  
39) }
```

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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