

Converting Colors

YUV(136.9090, 31.5969,
-7.8132)

Have a look what the booklet for
YUV(136.9090, 31.5969, -7.8132)
contains.

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Color

**YUV(136.9090, 31.5969,
-7.8132)**

Conversions

Conversions Part 1

Format	Color
Hex	8081C9
RGB	128, 129, 201
RGB Percent	50%, 51%, 79%
CMY	0.4980, 0.4941, 0.2118
CMYK	0.36, 0.36, 0.00, 0.21
HSL	239°, 40%, 65%
HSV	239°, 36%, 79%
XYZ	27.2950, 24.5068, 58.5500
YIQ	136.9090, -23.7080, 22.1800

Conversions

Conversions Part 2

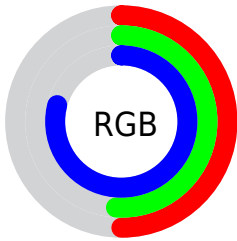
Format	Color
R_{YB}	128, 129, 201
Decimal	8421833
CIE _{Lab}	56.59, 16.98, -37.48
CIE _{LCh}	57, 41.147, 294.375
Yxy	24.5068, 0.2473, 0.2221
Android (android.graphics.Color)	4286611913 (0xFF8081C9)
YUV	136.9090, 31.5969, -7.8132
Hunter-Lab	49.5043, 11.7862, -35.4708

Details

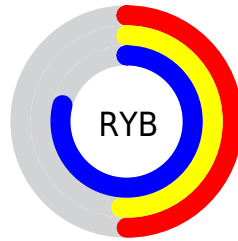
The YUV color **136.9090, 31.5969, -7.8132** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **192.0910, -31.5969, 7.8132**, and the grayscale version is **137.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **190.6210, 31.7388, -6.6836**, and **86.1430, 30.0025, -9.7724** is the 20% darker color. If you saturate the color by 10%, you get **119.1890, 40.3328, -9.8128**, and if you desaturate by 10%, it is **154.6290, 22.8609, -5.8136**.

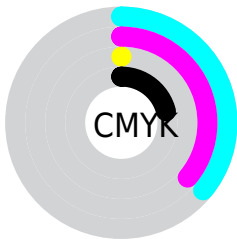
Distribution



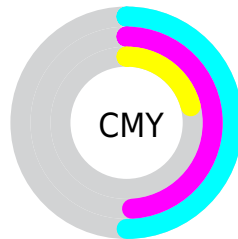
- Red (50%)
- Green (51%)
- Blue (79%)



- Red (50%)
- Yellow (51%)
- Blue (79%)



- Cyan (36%)
- Magenta (36%)
- Yellow (0%)
- Black (21%)



- Cyan (50%)
- Magenta (49%)
- Yellow (21%)

Brightness & Saturation Gradients

These gradients show how the YUV color 136.9090, 31.5969, -7.8132 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 136.9090, 31.5969, -7.8132 by changing the saturation by 10% instead.

■ 136.9090, 31.5969,
-7.8132

■ 136.9090, 31.5969,
-7.8132

■ 255.0000, 0.0000,
0.0000

■ 110.9690, 30.5813,
-8.7428

■ 190.6210, 31.7388,
-6.6836

■ 86.1430, 30.0025,
-9.7724

■ 214.8420, 19.7979,
-3.3694

■ 61.6050, 29.2817,
-11.9316

■ 240.5360, 7.1308,
-0.4701

■ 37.6430, 28.2770,
-16.3499

■ 17.4860, 26.3824,
-15.3352

■ 6.6460, 20.3875,
-5.8285

■ 3.5510, 11.0674,

-3.1142

■ 0.0000, 0.0000,
0.0000

■ 136.9090, 31.5969,
-7.8132

■ 136.9090, 31.5969,
-7.8132

■ 119.1890, 40.3328,
-9.8128

■ 154.6290, 22.8609,
-5.8136

■ 101.4690, 49.0688,
-11.8123

■ 172.3490, 14.1249,
-3.8141

■ 84.3360, 57.5154,
-14.3267

■ 189.4820, 5.6784,
-1.2997

■ 66.6160, 66.2513,
-16.3262

■ 207.2020, -3.0576,
0.6998

■ 48.8960, 74.9873,
-18.3258

■ 225.2210,
-11.9410, 3.3142

■ 30.8770, 83.8706,
-20.9401

■ 242.9410,
-20.6769, 5.3137

■ 24.6750, 86.9282,
-21.6400

■ 248.8440,
-23.5871, 5.3988

Harmonies

Analogous

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



123.3970, 41.2163, -59.9842



136.9090, 31.5969, -7.8132



139.8230, 18.8213, 29.9732

Triad

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



136.9090, 31.5969, -7.8132



134.9680, -28.0852, 48.2631



104.9900, 11.3439, -92.0762

Complementary

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



136.9090, 31.5969, -7.8132



192.0910, -31.5969, 7.8132

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.



124.0670, -15.3160, -34.2618



136.9090, 31.5969, -7.8132



132.8160, -34.4193, 26.4714

Square

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



136.9090, 31.5969, -7.8132



136.4050, -14.0037, 58.4038



129.9650, -30.5487, -1.7233



109.0940, 27.0687, -95.6754

Rectangle

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



136.9090, 31.5969, -7.8132



138.8870, 8.4367, 47.4571



129.9650, -30.5487, -1.7233



116.0770, -0.5310, -63.2115

Sweetspot

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



136.9090, 31.5969, -7.8132



230.1920, 12.2303, -2.7994



179.0590, 10.3239, -44.7787



112.9380, 7.4256, -1.6996



0.0000, 0.0000, 0.0000



128.0000, 0.0000, 0.0000

Same Dimension

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



136.9090, 31.5969, -7.8132



156.3550, 48.6320, -11.7123



146.7870, 26.7270, 14.2188



91.0260, 3.9312, -0.8998



19.7560, 70.6193, -17.3260



4.1040, 15.7247, -3.5992

Inverse Universe

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



149.9410, -10.3239, 44.7787



176.6020, -16.0728, 68.7550



182.2130, -26.7270, -14.2188



92.6910, -1.3267, 5.5330



48.9650, -23.1537, 100.0087



10.7640, -5.3067, 22.1320

Previews

White Background



This preview shows how the YUV color 136.9090, 31.5969, -7.8132 looks on a white background.

Color Contrast Check

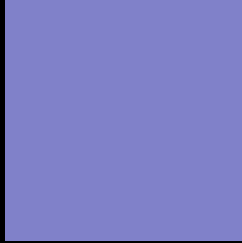
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the YUV color 136.9090, 31.5969, -7.8132 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

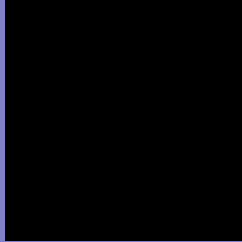
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 136.9090, 31.5969, -7.8132

Background



This preview shows how black text looks on a background with the YUV color 136.9090, 31.5969, -7.8132.



This preview shows how white text looks on a background with the YUV color 136.9090, 31.5969, -7.8132.

-7.8132.

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

136.9090, 31.5969, -7.8132

Protanopia

134.6300, 34.6924, -20.7235

Deuteranopia

134.3370, 32.3719, -23.0975



Tritanopia

133.3770, 8.1951, -15.2396

Trichromacy



Original Color

136.9090, 31.5969, -7.8132

Protanomaly

135.7230, 33.6606, -16.4201

Deuteranomaly

135.2560, 31.9188, -17.7645

Tritanomaly

134.3910, 17.0622, -12.6209

Monochromacy



Original Color

136.9090, 31.5969, -7.8132

Achromatopsia

137.0000, 0.0000, 0.0000

Achromatomaly

136.9640, 11.3567, -2.5994

CSS Examples

Text

The CSS property to change the color of the text to YUV 136.9090, 31.5969, -7.8132 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(128, 129, 201)` looks like.

```
.text, #text, p{  
    color:rgb(128, 129, 201)  
}
```

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(128, 129, 201) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(128, 129, 201) }
```

Border

The CSS property to change the border of an element to YUV 136.9090, 31.5969, -7.8132 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(128, 129, 201) }
```


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

```
.border{ border-color:rgb(128, 129, 201) }
```

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

Here you see how a box with a 4 pixel `rgb(128, 129, 201)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(128, 129, 201); -webkit-box-  
shadow:4px 4px 4px 4px rgb(128, 129, 201);  
box-shadow:4px 4px 4px 4px rgb(128, 129,  
201) }
```

Background

The CSS property to change the background color of an element to YUV 136.9090, 31.5969, -7.8132 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(128, 129, 201) }
```

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

```
.background{ background-color: rgb(128,  
129, 201) }
```

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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