

Converting Colors

YUV(31.8680, 3.5161, -7.7772)

Have a look what the booklet for
YUV(31.8680, 3.5161, -7.7772)
contains.

YUV(31.8680, 3.5161, -7.7772)	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>	31

Color

**YUV(31.8680, 3.5161,
-7.7772)**

Conversions

Conversions Part 1

Format	Color
Hex	172327
RGB	23, 35, 39
RGB Percent	9%, 14%, 15%
CMY	0.9098, 0.8627, 0.8471
CMYK	0.41, 0.10, 0.00, 0.85
HSL	195°, 26%, 12%
HSV	195°, 41%, 15%
XYZ	1.3206, 1.5307, 2.1453
YIQ	31.8680, -8.4360, -1.3000

Conversions

Conversions Part 2

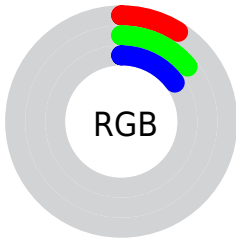
Format	Color
RYB	23, 30, 39
Decimal	1516327
CIELab	12.80, -3.94, -4.36
CIELCh	13, 5.879, 227.866
Yxy	1.5307, 0.2643, 0.3063
Android (android.graphics.Color)	4279706407 (0xFF172327)
YUV	31.8680, 3.5161, -7.7772
Hunter-Lab	12.3722, -2.5984, -1.6202

Details

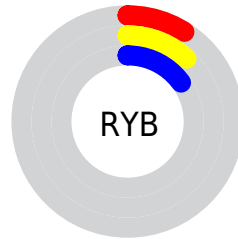
The YUV color **31.8680, 3.5161, -7.7772** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **30.1320, -3.5161, 7.7772**, and the grayscale version is **32.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **75.6830, 4.1003, -8.4920**, and **0.0000, 0.0000, 0.0000** is the 20% darker color. If you saturate the color by 10%, you get **30.0850, 4.3951, -9.7215**, and if you desaturate by 10%, it is **33.6510, 2.6371, -5.8329**.

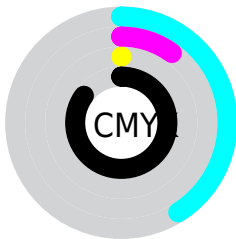
Distribution



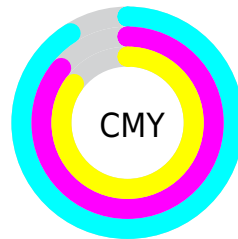
- Red (9%)
- Green (14%)
- Blue (15%)



- Red (9%)
- Yellow (12%)
- Blue (15%)



- Cyan (41%)
- Magenta (10%)
- Yellow (0%)
- Black (85%)



- Cyan (91%)
- Magenta (86%)
- Yellow (85%)

Brightness & Saturation Gradients

These gradients show how the YUV color 31.8680, 3.5161, -7.7772 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 31.8680, 3.5161, -7.7772 by changing the saturation by 10% instead.

■ 31.8680, 3.5161,
-7.7772

■ 31.8680, 3.5161,
-7.7772

■ 253.8040, 0.5896,
-2.4591

■ 9.6830, 4.1003,
-8.4920

■ 75.6830, 4.1003,
-8.4920

■ 0.0000, 0.0000,
0.0000

■ 99.6830, 4.1003,
-8.4920

■ 124.6830, 4.1003,
-8.4920

■ 150.3840, 4.2477,
-9.1068

■ 177.3840, 4.2477,
-9.1068

■ 205.0850, 4.3951,

-9.7215

■ 233.0850, 4.3951,
-9.7215

■ 31.8680, 3.5161,
-7.7772

■ 31.8680, 3.5161,
-7.7772

■ 30.0850, 4.3951,
-9.7215

■ 33.6510, 2.6371,
-5.8329

■ 28.3020, 5.2741,
-11.6659

■ 35.4340, 1.7580,
-3.8886

■ 26.5190, 6.1531,
-13.6102

■ 37.2170, 0.8790,
-1.9443

■ 24.7360, 7.0322,
-15.5545

■ 39.0000, 0.0000,
0.0000

■ 23.2520, 7.7638,
-16.8840

■ 40.7830, -0.8790,
1.9443

■ 21.4690, 8.6428,
-18.8283

■ 42.2670, -1.6106,
3.2738

■ 44.0500, -2.4896,
5.2182

■ 45.8330, -3.3687,
7.1625

■ 47.6160, -4.2477,
9.1068

Harmonies

Analogous

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



31.1130, 1.9163, -7.9921



31.8680, 3.5161, -7.7772



32.7050, 4.0894, -5.0033

Triad

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



31.8680, 3.5161, -7.7772



33.5600, 0.7099, 5.6479



32.9740, -3.9312, 0.8998

Complementary

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



31.8680, 3.5161, -7.7772



30.1320, -3.5161, 7.7772

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.



32.9960, -3.9420, 4.3885



31.8680, 3.5161, -7.7772



33.7020, -1.3321, 7.2773

Square

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



31.8680, 3.5161, -7.7772



33.7060, 2.6099, 2.8888



33.5340, -3.2213, 6.5477



32.4080, -2.1731, -2.9888

Rectangle

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



31.8680, 3.5161, -7.7772



33.0150, 3.9366, -2.6442



33.5340, -3.2213, 6.5477



32.6860, -3.7892, 2.0294

Sweetspot

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



31.8680, 3.5161, -7.7772



48.0320, 1.4632, -2.6591



32.8480, -2.8831, -8.6367



24.2170, 0.8790, -1.9443



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.



31.8680, 3.5161, -7.7772



40.0030, 5.4215, -12.2806



27.1720, 5.8312, -3.6588



19.4020, 0.2948, -1.2296



46.5570, 18.4594, -40.8305



117.5010, 46.5880, -103.0484

Inverse Universe

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



29.1520, 2.8831, 8.6367



35.6410, 4.6140, 13.4698



34.8280, -5.8312, 3.6588



18.8260, 0.5788, 1.0296



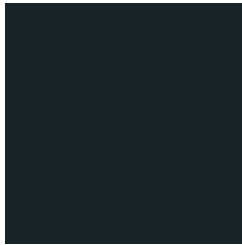
32.2980, 15.1361, 45.3427



81.5140, 38.2006, 114.4362

Previews

White Background



This preview shows how the YUV color 31.8680, 3.5161, -7.7772 looks on a white background.

Color Contrast Check

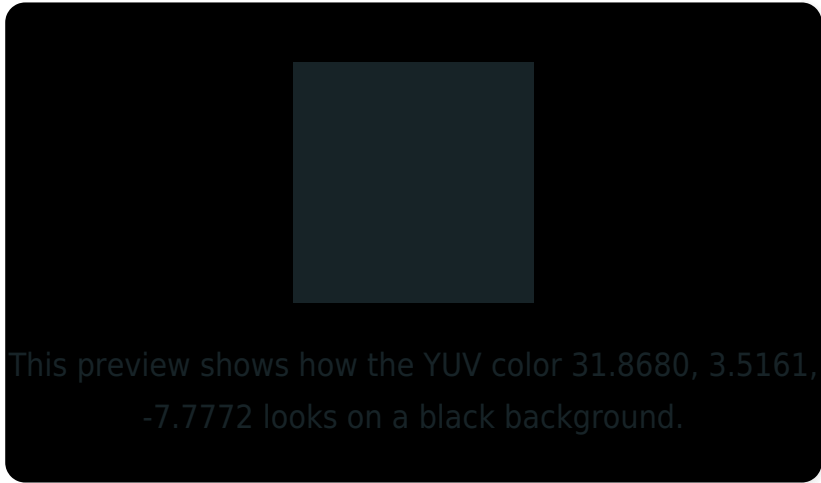
Large Text (above 18pt) WCAG AA ✓ Pass

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

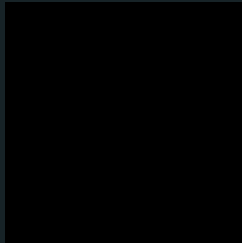
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

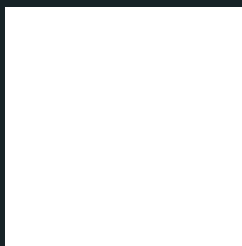
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 31.8680, 3.5161, -7.7772

Background



This preview shows how black text looks on a background with the YUV color 31.8680, 3.5161, -7.7772.



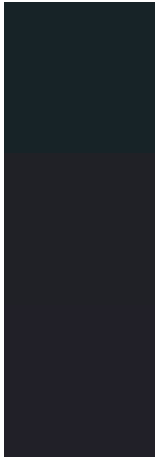
This preview shows how white text looks on a background with the YUV color 31.8680, 3.5161, -7.7772.

-7.7772.

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

31.8680, 3.5161, -7.7772

Protanopia

33.2710, 2.3314, -1.1147

Deuteranopia

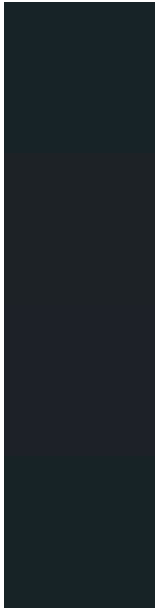
33.2110, 3.3470, -0.1850



Tritanopia

31.7540, 3.0793, -7.6773

Trichromacy



Original Color

31.8680, 3.5161, -7.7772

Protanomaly

32.9610, 2.4842, -3.4738

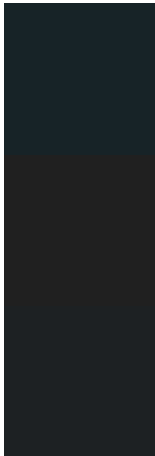
Deuteranomaly

32.6020, 3.6472, -3.1590

Tritanomaly

31.7540, 3.0793, -7.6773

Monochromacy



Original Color

31.8680, 3.5161, -7.7772

Achromatopsia

32.0000, 0.0000, 0.0000

Achromatomaly

32.0320, 1.4632, -2.6591

CSS Examples

Text

The CSS property to change the color of the text to YUV 31.8680, 3.5161, -7.7772 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(23, 35, 39)` looks like.

```
.text, #text, p{  
    color:rgb(23, 35, 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(23, 35, 39) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(23, 35, 39) }
```

Border

The CSS property to change the border of an element to YUV 31.8680, 3.5161, -7.7772 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(23, 35, 39) }
```


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

```
.border{ border-color:rgb(23, 35, 39) }
```

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

Here you see how a box with a 4 pixel `rgb(23, 35, 39)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(23, 35, 39); -webkit-box-  
shadow:4px 4px 4px 4px rgb(23, 35, 39);  
box-shadow:4px 4px 4px 4px rgb(23, 35, 39)  
}
```

Background

The CSS property to change the background color of an element to YUV 31.8680, 3.5161, -7.7772 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(23, 35, 39) }
```

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

```
.background{ background-color: rgb(23, 35,  
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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