

# Converting Colors

YUV(98.5680, 31.7650,  
-61.8881)

Have a look what the booklet for  
YUV(98.5680, 31.7650, -61.8881)  
contains.

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# Color

**YUV(98.5680, 31.7650,  
-61.8881)**

# Conversions

## Conversions Part 1

Format	Color
Hex	1C7AA3
RGB	28, 122, 163
RGB Percent	11%, 48%, 64%
CMY	0.8902, 0.5216, 0.3608
CMYK	0.83, 0.25, 0.00, 0.36
HSL	198°, 71%, 37%
HSV	198°, 83%, 64%
XYZ	14.0493, 16.8103, 37.1546
YIQ	98.5680, -69.1850, -7.1770

# Conversions

## Conversions Part 2

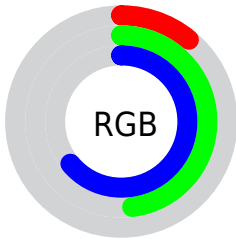
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	28, 83, 163
Decimal	1866403
CIE <sub>Lab</sub>	48.02, -11.58, -29.38
CIE <sub>LCh</sub>	48, 31.580, 248.487
Yxy	16.8103, 0.2066, 0.2472
Android (android.graphics.Color)	4280056483 (0xFF1C7AA3)
YUV	98.5680, 31.7650, -61.8881
Hunter-Lab	41.0004, -10.5854, -25.0284

# Details

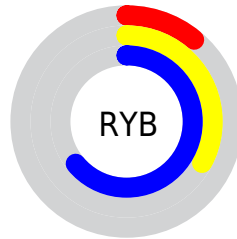
The YUV color **98.5680, 31.7650, -61.8881** is a dark color, and the websafe version is hex **006699**. A complement of this color would be **92.4320, -31.7650, 61.8881**, and the grayscale version is **98.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **155.9930, 30.5695, -51.7369**, and **55.5050, 27.3590, -48.6779** is the 20% darker color. If you saturate the color by 10%, you get **90.8490, 35.5704, -69.1506**, and if you desaturate by 10%, it is **106.2870, 27.9595, -54.6257**.

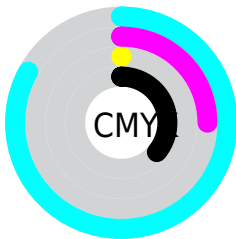
# Distribution



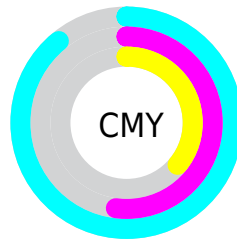
- Red (11%)
- Green (48%)
- Blue (64%)



- Red (11%)
- Yellow (33%)
- Blue (64%)



- Cyan (83%)
- Magenta (25%)
- Yellow (0%)
- Black (36%)



- Cyan (89%)
- Magenta (52%)
- Yellow (36%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 98.5680, 31.7650, -61.8881 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 98.5680, 31.7650, -61.8881 by changing the saturation by 10% instead.



■ 98.5680, 31.7650,  
-61.8881

■ 98.5680, 31.7650,  
-61.8881

■ 255.0000, 0.0000,  
0.0000

■ 72.5570, 31.7704,  
-63.6325

■ 155.9930, 30.5695,  
-51.7369

■ 55.5050, 27.3590,  
-48.6779

■ 184.4060, 30.8588,  
-51.2221

■ 39.7410, 22.8057,  
-34.8529

■ 210.4250, 21.9755,  
-48.6077

■ 24.7920, 18.8365,  
-21.7426

■ 233.7710, 10.4659,  
-43.6492

■ 6.4350, 17.0405,  
-5.6435

■ 242.7410, 6.0437,  
-25.2059

■ 2.7530, 8.0098,  
-2.4144

■ 251.7110, 1.6215,

■ 0.0000, 0.0000,

-6.7625

0.0000

■ 98.5680, 31.7650,  
-61.8881

■ 98.5680, 31.7650,  
-61.8881

■ 90.8490, 35.5704,  
-69.1506

■ 106.2870, 27.9595,  
-54.6257

■ 84.9130, 38.4969,  
-74.4687

■ 114.3050, 24.0066,  
-46.7485

■ 122.0240, 20.2012,  
-39.4860

■ 129.7430, 16.3957,  
-32.2236

■ 137.7610, 12.4428,  
-24.3464

■ 145.4800, 8.6374,  
-17.0840

■ 153.1990, 4.8319,  
-9.8215

■ 160.9180, 1.0264,  
-2.5591

■ 168.9360, -2.9264,  
5.3181

# Harmonies

## Analogous

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



91.1930, 27.0199, -79.9763



98.5680, 31.7650, -61.8881



111.5560, 26.8409, -22.4126

# Triad

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



98.5680, 31.7650, -61.8881



116.1240, -4.4981, 42.8643



108.1130, -18.2967, -11.5001

# Complementary

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



98.5680, 31.7650, -61.8881



92.4320, -31.7650, 61.8881

# 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.



111.4210, -25.3506, 11.0318



98.5680, 31.7650, -61.8881



114.7250, -16.1334, 41.4602

# Square

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



98.5680, 31.7650, -61.8881



117.3750, 8.1961, 31.2431



113.5850, -23.9524, 29.3050



102.6180, -4.2487, -37.3760



# Rectangle

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



98.5680, 31.7650, -61.8881



116.1350, 22.1184, -0.9954



113.5850, -23.9524, 29.3050



109.3590, -21.3760, -3.8228

# Sweetspot

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



98.5680, 31.7650, -61.8881



186.7610, 12.4428, -24.3464



111.9190, -21.1591, -73.5970



91.5620, 7.6109, -14.5249



235.0000, 0.0000, 0.0000



107.0000, 0.0000, 0.0000



# Same Dimension

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



98.5680, 31.7650, -61.8881



111.6420, 49.4765, -96.1560



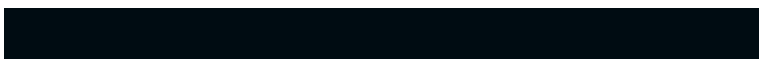
59.2390, 51.1542, -27.3966



77.5480, 2.1948, -3.9886



75.8170, 34.1072, -66.4915



9.0960, 4.3897, -7.9772



# Inverse Universe

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



79.0810, 21.1591, 73.5970



81.4340, 32.8170, 114.5064



131.7610, -51.1542, 27.3966



76.3750, 1.2941, 4.9331



54.8690, 22.7426, 79.0449



6.7500, 2.5882, 9.8663



# Previews

## White Background



This preview shows how the YUV color 98.5680, 31.7650, -61.8881 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 × Fail



# Black Background



This preview shows how the YUV color 98.5680, 31.7650, -61.8881 looks on a black 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

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

# YUV 98.5680, 31.7650, -61.8881

## Background



This preview shows how black text looks on a background with the YUV color 98.5680, 31.7650, -61.8881.



This preview shows how white text looks on a background with the YUV color 98.5680, 31.7650,



# 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

98.5680, 31.7650, -61.8881

### Protanopia

113.6130, 20.4038, -11.0616

### Deuteranopia

112.6490, 25.8090, -18.1092



## Tritanopia

89.4660, 22.9413, -78.4617

# Trichromacy



## Original Color

98.5680, 31.7650, -61.8881

## Protanomaly

108.2300, 24.5366, -30.0197

## Deuteranomaly

107.4190, 27.8944, -33.6935

## Tritanomaly

93.0090, 26.1246, -72.7989

# Monochromacy



## Original Color

98.5680, 31.7650, -61.8881

## Achromatopsia

99.0000, 0.0000, 0.0000

## Achromatomaly

98.5440, 11.5638, -22.4021

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 98.5680, 31.7650, -61.8881 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(28, 122, 163)` looks like.

```
.text, #text, p{  
    color:rgb(28, 122, 163)  
}
```

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(28, 122, 163) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(28, 122, 163) }
```

## Border

The CSS property to change the border of an element to YUV 98.5680, 31.7650, -61.8881 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(28, 122, 163) }
```



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

```
.border{ border-color:rgb(28, 122, 163) }
```

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

Here you see how a box with a 4 pixel `rgb(28, 122, 163)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(28, 122, 163); -webkit-box-  
shadow:4px 4px 4px 4px rgb(28, 122, 163);  
box-shadow:4px 4px 4px 4px rgb(28, 122,  
163) }
```

# Background

The CSS property to change the background color of an element to YUV 98.5680, 31.7650, -61.8881 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(28, 122, 163) }
```

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

```
.background{ background-color: rgb(28, 122,  
163) }
```

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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