

Converting Colors

YUV(113.8880, -7.3398,
-72.6928)

Have a look what the booklet for
YUV(113.8880, -7.3398, -72.6928)
contains.

YUV(113.8880, -7.3398, -72.6928)	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(113.8880, -7.3398,
-72.6928)**

Conversions

Conversions Part 1

Format	Color
Hex	1F9F63
RGB	31, 159, 99
RGB Percent	12%, 62%, 39%
CMY	0.8784, 0.3765, 0.6118
CMYK	0.81, 0.00, 0.38, 0.38
HSL	152°, 67%, 37%
HSV	152°, 81%, 62%
XYZ	15.2153, 25.9884, 16.0187
YIQ	113.8880, -57.0280, -45.7960

Conversions

Conversions Part 2

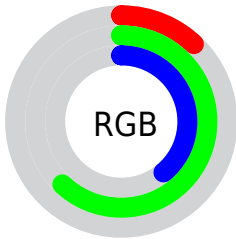
Format	Color
R_{YB}	31, 115, 159
Decimal	2072419
CIE _{Lab}	58.03, -47.59, 22.05
CIE _{LCh}	58, 52.450, 155.140
Yxy	25.9884, 0.2659, 0.4542
Android (android.graphics.Color)	4280262499 (0xFF1F9F63)
YUV	113.8880, -7.3398, -72.6928
Hunter-Lab	50.9789, -35.9372, 17.0549

Details

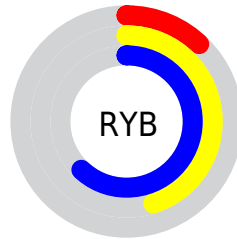
The YUV color **113.8880, -7.3398, -72.6928** is a dark color, and the websafe version is hex **009966**. A complement of this color would be **76.1120, 7.3398, 72.6928**, and the grayscale version is **114.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **172.6070, -11.1453, -65.4303**, and **68.1500, -7.9619, -59.7675** is the 20% darker color. If you saturate the color by 10%, you get **108.3060, -8.0389, -81.8294**, and if you desaturate by 10%, it is **119.4700, -6.6407, -63.5562**.

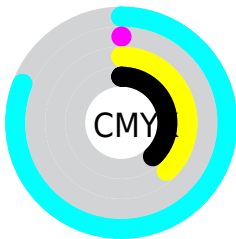
Distribution



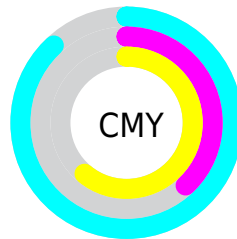
- Red (12%)
- Green (62%)
- Blue (39%)



- Red (12%)
- Yellow (45%)
- Blue (62%)



- Cyan (81%)
- Magenta (0%)
- Yellow (38%)
- Black (38%)



- Cyan (88%)
- Magenta (38%)
- Yellow (61%)

Brightness & Saturation Gradients

These gradients show how the YUV color 113.8880, -7.3398, -72.6928 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 113.8880, -7.3398, -72.6928 by changing the saturation by 10% instead.

■ 113.8880, -7.3398,
-72.6928

■ 113.8880, -7.3398,
-72.6928

■ 255.0000, 0.0000,
0.0000

■ 86.0340, -5.4398,
-75.4518

■ 172.6070,
-11.1453, -65.4303

■ 68.1500, -7.9619,
-59.7675

■ 201.3790,
-12.0188, -65.2304

■ 50.8530, -10.7735,
-44.5981

■ 219.6990, -7.2466,
-55.8640

■ 34.1430, -13.8745,
-29.9434

■ 231.8610, 0.5615,
-40.2201

■ 20.5450, -10.1287,
-18.0180

■ 243.0400, 5.8963,
-24.5911

■ 0.0000, 0.0000,
0.0000

■ 252.0100, 1.4741,

-6.1478

■ 113.8880, -7.3398,
-72.6928

■ 113.8880, -7.3398,
-72.6928

■ 108.3060, -8.0389,
-81.8294

■ 119.4700, -6.6407,
-63.5562

■ 102.9090, -9.3221,
-90.2512

■ 125.1660, -5.5048,
-54.5196

■ 130.7480, -4.8058,
-45.3830

■ 136.4440, -3.6699,
-36.3464

■ 141.7270, -2.8234,
-27.8246

■ 147.4230, -1.6875,
-18.7880

■ 153.0050, -0.9885,
-9.6514

■ 158.7010, 0.1474,
-0.6148

■ 164.2830, 0.8465,
8.5218

Harmonies

Analogous

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



128.6550, -33.8469, -17.2374



113.8880, -7.3398, -72.6928



111.7380, 16.8912, -97.9942

Triad

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



113.8880, -7.3398, -72.6928



127.0300, 51.2572, -60.5393



137.8490, -24.0826, 71.1694

Complementary

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



113.8880, -7.3398, -72.6928



76.1120, 7.3398, 72.6928

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.



138.7780, -2.8486, 73.8627



113.8880, -7.3398, -72.6928



142.7460, 35.6212, 8.1158

Square

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



113.8880, -7.3398, -72.6928



115.7060, 52.4029, -101.4742



143.0260, 17.7352, 51.7202



136.7760, -40.3156, 51.0624

Rectangle

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



113.8880, -7.3398, -72.6928



115.2720, 30.4319, -101.0935



143.0260, 17.7352, 51.7202



137.7060, -17.1101, 74.8028

Sweetspot

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



113.8880, -7.3398, -72.6928



189.3140, -3.1128, -28.3394



124.6740, -46.1813, -27.7781



94.0210, -1.9824, -17.5584



232.0000, 0.0000, 0.0000



105.0000, 0.0000, 0.0000

Same Dimension

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



113.8880, -7.3398, -72.6928



136.1850, -11.4302, -114.1722



119.5540, 19.4469, -77.6619



76.1520, -0.5679, -4.5183



92.6050, -8.1863, -81.2146



9.7170, -0.8465, -8.5218

Inverse Universe

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



76.1120, 7.3398, 72.6928



76.8150, 11.4302, 114.1722



70.4460, -19.4469, 77.6619



73.8480, 0.5679, 4.5183



50.3950, 8.1863, 81.2146



5.2830, 0.8465, 8.5218

Previews

White Background



This preview shows how the YUV color 113.8880, -7.3398, -72.6928 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 113.8880, -7.3398, -72.6928 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 113.8880, -7.3398, -72.6928

Background



This preview shows how black text looks on a background with the YUV color 113.8880, -7.3398, -72.6928.



This preview shows how white text looks on a background with the YUV color 113.8880, -7.3398, -72.6928.

-72.6928.

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

113.8880, -7.3398, -72.6928

Protanopia

136.2300, -22.2984, 12.0763

Deuteranopia

138.7780, -16.6526, 21.2427



Tritanopia

126.0560, 18.2134, -55.3001

Trichromacy



Original Color

113.8880, -7.3398, -72.6928



Protanomaly

128.4110, -16.9646, -18.7774



Deuteranomaly

129.4810, -13.0551, -12.6998



Tritanomaly

121.6070, 9.0677, -61.9223

Monochromacy



Original Color

113.8880, -7.3398, -72.6928



Achromatopsia

114.0000, 0.0000, 0.0000



Achromatomaly

113.8520, -2.3920, -26.1802

CSS Examples

Text

The CSS property to change the color of the text to YUV 113.8880, -7.3398, -72.6928 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(31, 159, 99)` looks like.

```
.text, #text, p{  
    color:rgb(31, 159, 99)  
}
```

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(31, 159, 99) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(31, 159, 99) }
```

Border

The CSS property to change the border of an element to YUV 113.8880, -7.3398, -72.6928 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(31, 159, 99) }
```


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

```
.border{ border-color:rgb(31, 159, 99) }
```

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

Here you see how a box with a 4 pixel `rgb(31, 159, 99)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(31, 159, 99); -webkit-box-  
shadow:4px 4px 4px 4px rgb(31, 159, 99);  
box-shadow:4px 4px 4px 4px rgb(31, 159,  
99) }
```

Background

The CSS property to change the background color of an element to YUV 113.8880, -7.3398, -72.6928 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(31, 159, 99) }
```

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

```
.background{ background-color: rgb(31, 159,  
99) }
```

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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