

Converting Colors

YUV(108.8840, 22.2422,
-87.5983)

Have a look what the booklet for
YUV(108.8840, 22.2422, -87.5983)
contains.

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Color

**YUV(108.8840, 22.2422,
-87.5983)**

Conversions

Conversions Part 1

Format	Color
Hex	09979A
RGB	9, 151, 154
RGB Percent	4%, 59%, 60%
CMY	0.9647, 0.4078, 0.3961
CMYK	0.94, 0.02, 0.00, 0.40
HSL	181°, 89%, 32%
HSV	181°, 94%, 60%
XYZ	17.0120, 24.5244, 34.4089
YIQ	108.8840, -85.5950, -29.1710

Conversions

Conversions Part 2

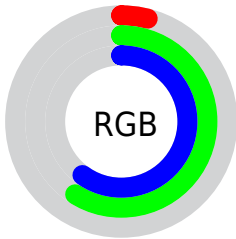
Format	Color
R_{YB}	9, 81, 154
Decimal	628634
CIE _{Lab}	56.61, -31.19, -11.04
CIE _{LCh}	57, 33.087, 199.492
Yxy	24.5244, 0.2240, 0.3229
Android (android.graphics.Color)	4278818714 (0xFF09979A)
YUV	108.8840, 22.2422, -87.5983
Hunter-Lab	49.5221, -25.3448, -6.5304

Details

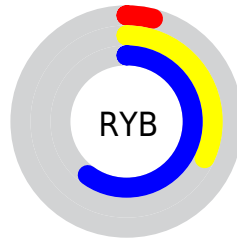
The YUV color **108.8840, 22.2422, -87.5983** is a dark color, and the websafe version is hex **009999**. A complement of this color would be **54.1160, -22.2422, 87.5983**, and the grayscale version is **109.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **172.1420, 17.6780, -70.2845**, and **69.8550, 16.3405, -61.2628** is the 20% darker color. If you saturate the color by 10%, you get **106.1930, 23.5689, -93.1313**, and if you desaturate by 10%, it is **113.3690, 20.0311, -78.3766**.

Distribution



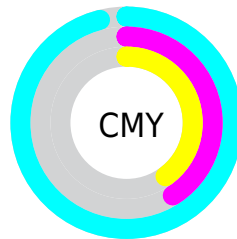
- Red (4%)
- Green (59%)
- Blue (60%)



- Red (4%)
- Yellow (32%)
- Blue (60%)



- Cyan (94%)
- Magenta (2%)
- Yellow (0%)
- Black (40%)



- Cyan (96%)
- Magenta (41%)
- Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the YUV color 108.8840, 22.2422, -87.5983 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 108.8840, 22.2422, -87.5983 by changing the saturation by 10% instead.

■ 108.8840, 22.2422,
-87.5983

■ 108.8840, 22.2422,
-87.5983

■ 255.0000, 0.0000,
0.0000

■ 87.9670, 19.7363,
-77.1471

■ 172.1420, 17.6780,
-70.2845

■ 69.8550, 16.3405,
-61.2628

■ 201.1530, 17.6726,
-68.5402

■ 53.0310, 12.8027,
-46.5082

■ 224.2030, 15.1829,
-63.3220

■ 36.9080, 9.4124,
-32.3683

■ 233.1730, 10.7607,
-44.8787

■ 22.7740, 6.0274,
-19.9728

■ 242.1430, 6.3385,
-26.4354

■ 1.3680, 5.2416,
-1.1997

■ 251.1130, 1.9163,

■ 0.0000, 0.0000,

-7.9921

0.0000

■ 108.8840, 22.2422,
-87.5983

■ 108.8840, 22.2422,
-87.5983

■ 106.1930, 23.5689,
-93.1313

■ 113.3690, 20.0311,
-78.3766

■ 118.7400, 17.3832,
-69.0550

■ 123.2250, 15.1721,
-59.8333

■ 128.0090, 12.8136,
-49.9969

■ 133.0810, 10.3131,
-41.2900

■ 137.5660, 8.1020,
-32.0684

■ 142.3500, 5.7435,
-22.2319

■ 147.4220, 3.2430,
-13.5251

■ 152.2060, 0.8844,
-3.6887

Harmonies

Analogous

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



121.3220, 1.3203, -50.2714



108.8840, 22.2422, -87.5983



109.9730, 34.0303, -88.5533

Triad

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



108.8840, 22.2422, -87.5983



139.7740, 16.3804, 19.4922



134.9390, -27.5779, 25.4865

Complementary

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



108.8840, 22.2422, -87.5983



54.1160, -22.2422, 87.5983

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.



136.6450, -21.5170, 41.5303



108.8840, 22.2422, -87.5983



138.9910, 3.9484, 40.3499

Square

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



108.8840, 22.2422, -87.5983



136.2200, 26.5135, -10.7169



137.7780, -9.7506, 47.5527



131.9640, -25.6183, 3.5396

Rectangle

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



108.8840, 22.2422, -87.5983



122.8180, 32.6277, -58.5994



137.7780, -9.7506, 47.5527



135.0260, -26.1418, 31.5492

Sweetspot

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



108.8840, 22.2422, -87.5983



183.6690, 8.5442, -33.9127



94.3430, -41.0881, -74.8458



90.9480, 5.4486, -21.0024



230.0000, 0.0000, 0.0000



102.0000, 0.0000, 0.0000

Same Dimension

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



108.8840, 22.2422, -87.5983



138.5530, 30.7864, -121.5110



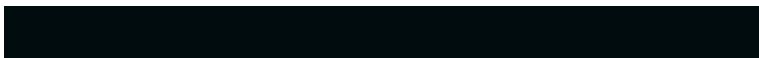
66.6200, 43.0783, -50.5327



74.0210, 1.4686, -4.4034



96.3790, 21.5052, -84.5244



8.5260, 2.2057, -7.4773

Inverse Universe

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



68.5430, 40.6513, 74.9458



82.5570, 56.4204, 103.8745



96.3800, -43.0783, 50.5327



72.1900, 1.8783, 4.2184



57.4780, 39.2043, 72.3718



5.2550, 3.3253, 6.7924

Previews

White Background



This preview shows how the YUV color 108.8840, 22.2422, -87.5983 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 108.8840, 22.2422, -87.5983 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

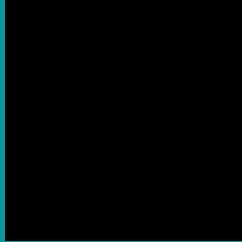
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 108.8840, 22.2422, -87.5983

Background



This preview shows how black text looks on a background with the YUV color 108.8840, 22.2422, -87.5983.

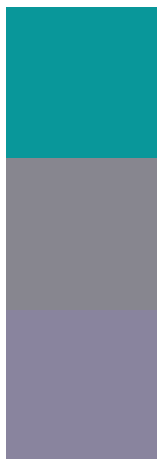


This preview shows how white text looks on a background with the YUV color 108.8840, 22.2422, -87.5983.

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

108.8840, 22.2422, -87.5983

Protanopia

135.3250, 3.7838, -0.2850

Deuteranopia

136.4590, 10.6197, 0.4745



Tritanopia

113.9930, 23.6675, -78.0469

Trichromacy



Original Color

108.8840, 22.2422, -87.5983

Protanomaly

125.5490, 10.5753, -32.0535

Deuteranomaly

126.4010, 15.0853, -31.9237

Tritanomaly

111.8570, 23.2415, -81.4356

Monochromacy



Original Color

108.8840, 22.2422, -87.5983

Achromatopsia

109.0000, 0.0000, 0.0000

Achromatomaly

108.8650, 7.9546, -31.4536

CSS Examples

Text

The CSS property to change the color of the text to YUV 108.8840, 22.2422, -87.5983 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(9, 151, 154)` looks like.

```
.text, #text, p{  
    color:rgb(9, 151, 154)  
}
```

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(9, 151, 154) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(9, 151, 154) }
```

Border

The CSS property to change the border of an element to YUV 108.8840, 22.2422, -87.5983 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(9, 151, 154) }
```


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

```
.border{ border-color:rgb(9, 151, 154) }
```

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

Here you see how a box with a 4 pixel `rgb(9, 151, 154)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(9, 151, 154); -webkit-box-  
shadow:4px 4px 4px 4px rgb(9, 151, 154);  
box-shadow:4px 4px 4px 4px rgb(9, 151,  
154) }
```

Background

The CSS property to change the background color of an element to YUV 108.8840, 22.2422, -87.5983 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(9, 151, 154) }
```

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

```
.background{ background-color: rgb(9, 151,  
154) }
```

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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