

Converting Colors

YUV(98.4480, 13.5831,
-63.5369)

Have a look what the booklet for
YUV(98.4480, 13.5831, -63.5369)
contains.

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Color

**YUV(98.4480, 13.5831,
-63.5369)**

Conversions

Conversions Part 1

Format	Color
Hex	1A827E
RGB	26, 130, 126
RGB Percent	10%, 51%, 49%
CMY	0.8980, 0.4902, 0.5059
CMYK	0.80, 0.00, 0.03, 0.49
HSL	178°, 67%, 31%
HSV	178°, 80%, 51%
XYZ	12.1745, 17.6912, 22.5117
YIQ	98.4480, -60.7000, -23.2920

Conversions

Conversions Part 2

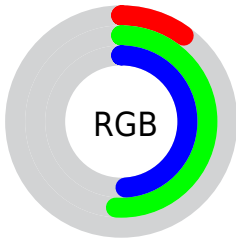
Format	Color
R_{YB}	26, 79, 130
Decimal	1737342
CIE _{Lab}	49.12, -28.64, -5.99
CIE _{LCh}	49, 29.263, 191.806
Yxy	17.6912, 0.2324, 0.3378
Android (android.graphics.Color)	4279927422 (0xFF1A827E)
YUV	98.4480, 13.5831, -63.5369
Hunter-Lab	42.0609, -21.9399, -2.2904

Details

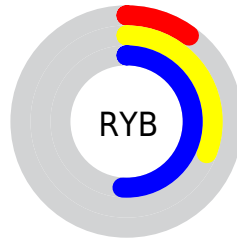
The YUV color **98.4480, 13.5831, -63.5369** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **57.5520, -13.5831, 63.5369**, and the grayscale version is **98.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **155.0360, 11.8143, -56.1596**, and **55.7380, 10.4822, -48.8822** is the 20% darker color. If you saturate the color by 10%, you get **94.5610, 15.4994, -71.5290**, and if you desaturate by 10%, it is **102.4490, 12.1036, -55.6448**.

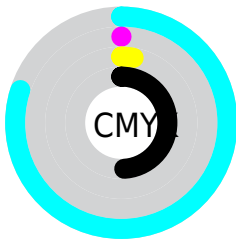
Distribution



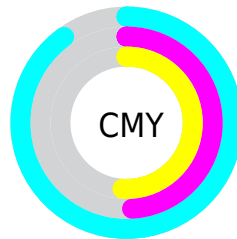
- Red (10%)
- Green (51%)
- Blue (49%)



- Red (10%)
- Yellow (31%)
- Blue (51%)



- Cyan (80%)
- Magenta (0%)
- Yellow (3%)
- Black (49%)



- Cyan (90%)
- Magenta (49%)
- Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the YUV color 98.4480, 13.5831, -63.5369 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 98.4480, 13.5831, -63.5369 by changing the saturation by 10% instead.

■ 98.4480, 13.5831,
-63.5369

■ 98.4480, 13.5831,
-63.5369

■ 255.0000, 0.0000,
0.0000

■ 73.1490, 13.7305,
-64.1517

■ 155.0360, 11.8143,
-56.1596

■ 55.7380, 10.4822,
-48.8822

■ 182.9220, 11.3775,
-56.0596

■ 39.0280, 7.3812,
-34.2276

■ 211.8080, 10.9407,
-55.9596

■ 24.3070, 4.2856,
-21.3172

■ 231.3790, 11.6452,
-48.5674

■ 1.2540, 4.8048,
-1.0998

■ 240.0500, 7.3704,
-30.7388

■ 0.0000, 0.0000,
0.0000

■ 249.0200, 2.9481,

-12.2955

■ 98.4480, 13.5831,
-63.5369

■ 98.4480, 13.5831,
-63.5369

■ 94.5610, 15.4994,
-71.5290

■ 102.4490, 12.1036,
-55.6448

■ 90.5600, 16.9789,
-79.4211

■ 106.3360, 10.1874,
-47.6527

■ 110.3370, 8.7079,
-39.7605

■ 114.2240, 6.7916,
-31.7684

■ 118.2250, 5.3121,
-23.8763

■ 122.1120, 3.3958,
-15.8842

■ 126.1130, 1.9163,
-7.9921

■ 130.0000, 0.0000,
0.0000

■ 134.0010, -1.4795,
7.8921

Harmonies

Analogous

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



106.5580, -3.2331, -36.4464



98.4480, 13.5831, -63.5369



92.4210, 27.8934, -80.1762

Triad

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



98.4480, 13.5831, -63.5369



119.8330, 16.8443, 10.6705



116.2040, -22.7786, 26.1311

Complementary

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



98.4480, 13.5831, -63.5369



57.5520, -13.5831, 63.5369

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.



117.7030, -16.1226, 37.9715



98.4480, 13.5831, -63.5369



119.6200, 6.5963, 31.0283

Square

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



98.4480, 13.5831, -63.5369



115.9050, 24.2038, -16.5797



118.5860, -5.2189, 40.7051



113.6810, -23.0137, 8.1728

Rectangle

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



98.4480, 13.5831, -63.5369



102.3790, 28.4072, -58.2144



118.5860, -5.2189, 40.7051



116.6930, -21.0476, 30.9642

Sweetspot

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



98.4480, 13.5831, -63.5369



155.9260, 5.4595, -24.4911



88.5430, -30.8337, -50.4652



76.7100, 3.1010, -14.6547



212.0000, 0.0000, 0.0000



84.0000, 0.0000, 0.0000

Same Dimension

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



98.4480, 13.5831, -63.5369



119.1770, 21.1117, -98.3792



71.3150, 28.9317, -39.7413



61.9070, 1.0318, -4.3034



89.1580, 16.6841, -78.1916



0.0000, 0.0000, 0.0000

Inverse Universe

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



57.5520, -13.5831, 63.5369



55.8230, -21.1117, 98.3792



84.6850, -28.9317, 39.7413



59.2070, -0.5951, 4.2035



38.8420, -16.6841, 78.1916



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the YUV color 98.4480, 13.5831, -63.5369 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 98.4480, 13.5831, -63.5369 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

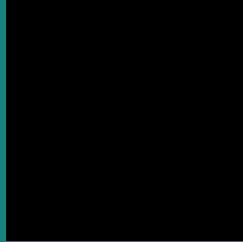
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 98.4480, 13.5831, -63.5369

Background



This preview shows how black text looks on a background with the YUV color 98.4480, 13.5831, -63.5369.



This preview shows how white text looks on a background with the YUV color 98.4480, 13.5831,

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

98.4480, 13.5831, -63.5369

Protanopia

116.1250, 0.4314, 1.6444

Deuteranopia

117.3300, 6.2463, 3.2186



Tritanopia

101.7460, 18.3662, -57.6592

Trichromacy



Original Color

98.4480, 13.5831, -63.5369

Protanomaly

109.5350, 5.1592, -21.5172

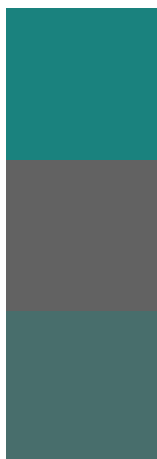
Deuteranomaly

110.2730, 9.2324, -21.2874

Tritanomaly

100.5670, 16.4825, -60.1333

Monochromacy



Original Color

98.4480, 13.5831, -63.5369

Achromatopsia

98.0000, 0.0000, 0.0000

Achromatomaly

98.4100, 4.7279, -23.1616

CSS Examples

Text

The CSS property to change the color of the text to YUV 98.4480, 13.5831, -63.5369 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(26, 130, 126)` looks like.

```
.text, #text, p{  
    color:rgb(26, 130, 126)  
}
```

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(26, 130, 126) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(26, 130, 126) }
```

Border

The CSS property to change the border of an element to YUV 98.4480, 13.5831, -63.5369 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(26, 130, 126) }
```


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

```
.border{ border-color:rgb(26, 130, 126) }
```

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

Here you see how a box with a 4 pixel `rgb(26, 130, 126)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(26, 130, 126); -webkit-box-  
shadow:4px 4px 4px 4px rgb(26, 130, 126);  
box-shadow:4px 4px 4px 4px rgb(26, 130,  
126) }
```

Background

The CSS property to change the background color of an element to YUV 98.4480, 13.5831, -63.5369 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(26, 130, 126) }
```

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

```
.background{ background-color: rgb(26, 130,  
126) }
```

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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