

Converting Colors

YUV(98.5220, 17.9837,
-75.0028)

Have a look what the booklet for
YUV(98.5220, 17.9837, -75.0028)
contains.

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Color

**YUV(98.5220, 17.9837,
-75.0028)**

Conversions

Conversions Part 1

Format	Color
Hex	0D8787
RGB	13, 135, 135
RGB Percent	5%, 53%, 53%
CMY	0.9490, 0.4706, 0.4706
CMYK	0.90, 0.00, 0.00, 0.47
HSL	180°, 82%, 29%
HSV	180°, 90%, 53%
XYZ	13.2031, 19.1628, 25.9246
YIQ	98.5220, -72.7120, -25.8640

Conversions

Conversions Part 2

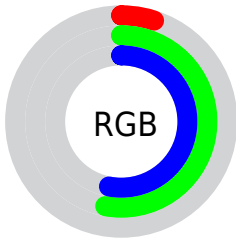
Format	Color
RYB	13, 74, 135
Decimal	886663
CIELab	50.88, -29.31, -8.65
CIElCh	51, 30.564, 196.449
Yxy	19.1628, 0.2265, 0.3287
Android (android.graphics.Color)	4279076743 (0xFF0D8787)
YUV	98.5220, 17.9837, -75.0028
Hunter-Lab	43.7753, -22.7692, -4.4700

Details

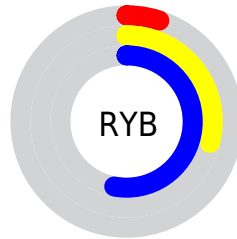
The YUV color **98.5220, 17.9837, -75.0028** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **49.4780, -17.9837, 75.0028**, and the grayscale version is **98.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **158.6870, 14.4513, -61.9925**, and **59.5850, 12.5296, -52.2560** is the 20% darker color. If you saturate the color by 10%, you get **94.6350, 19.8999, -82.9949**, and if you desaturate by 10%, it is **102.4090, 16.0674, -67.0107**.

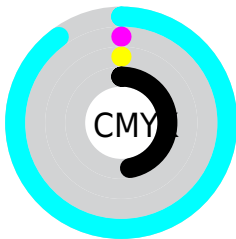
Distribution



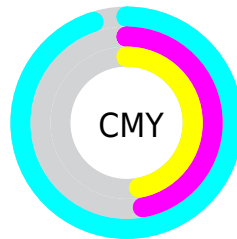
- Red (5%)
- Green (53%)
- Blue (53%)



- Red (5%)
- Yellow (29%)
- Blue (53%)



- Cyan (90%)
- Magenta (0%)
- Yellow (0%)
- Black (47%)



- Cyan (95%)
- Magenta (47%)
- Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the YUV color 98.5220, 17.9837, -75.0028 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 98.5220, 17.9837, -75.0028 by changing the saturation by 10% instead.

■ 98.5220, 17.9837,
-75.0028

■ 98.5220, 17.9837,
-75.0028

■ 255.0000, 0.0000,
0.0000

■ 76.5230, 16.5042,
-67.1107

■ 158.6870, 14.4513,
-61.9925

■ 59.5850, 12.5296,
-52.2560

■ 186.9860, 14.3039,
-61.3777

■ 42.8750, 9.4286,
-37.6014

■ 215.2850, 14.1565,
-60.7629

■ 27.4530, 6.1857,
-24.0763

■ 231.0800, 11.7926,
-49.1822

■ 6.5030, 7.1470,
-5.7031

■ 239.7510, 7.5178,
-31.3536

■ 0.0000, 0.0000,
0.0000

■ 248.7210, 3.0955,

-12.9103

■ 98.5220, 17.9837,
-75.0028

■ 98.5220, 17.9837,
-75.0028

■ 94.6350, 19.8999,
-82.9949

■ 102.4090, 16.0674,
-67.0107

■ 106.5950, 14.0037,
-58.4038

■ 110.4820, 12.0874,
-50.4117

■ 114.6680, 10.0237,
-41.8048

■ 118.5550, 8.1074,
-33.8127

■ 122.7410, 6.0437,
-25.2059

■ 126.6280, 4.1274,
-17.2138

■ 130.8140, 2.0637,
-8.6069

■ 135.0000, 0.0000,
0.0000

Harmonies

Analogous

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



108.9100, -0.4486, -42.8941



98.5220, 17.9837, -75.0028



96.0830, 30.5251, -84.2648

Triad

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



98.5220, 17.9837, -75.0028



124.3390, 16.1019, 15.4887



120.3240, -24.8097, 24.2719

Complementary

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



98.5220, 17.9837, -75.0028



49.4780, -17.9837, 75.0028

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.



122.0190, -18.7434, 38.5713



98.5220, 17.9837, -75.0028



124.1860, 4.8383, 34.9169

Square

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



98.5220, 17.9837, -75.0028



121.0410, 24.6298, -13.1910



123.0270, -7.4083, 42.9493



117.8440, -23.5871, 5.3988

Rectangle

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



98.5220, 17.9837, -75.0028



107.7320, 29.7121, -56.7700



123.0270, -7.4083, 42.9493



120.5250, -22.9368, 30.2346

Sweetspot

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



98.5220, 17.9837, -75.0028



161.6480, 7.0755, -29.5093



84.6140, -35.3057, -62.8055



80.6280, 4.1274, -17.2138



217.0000, 0.0000, 0.0000



89.0000, 0.0000, 0.0000

Same Dimension

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



98.5220, 17.9837, -75.0028



123.3760, 25.9436, -108.2008



62.7150, 35.6365, -43.6001



64.2060, 0.8844, -3.6887



91.1300, 19.1629, -79.9210



2.1030, 0.4422, -1.8443

Inverse Universe

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



63.3860, 35.3057, 62.8055



72.6880, 50.9328, 90.6046



85.2850, -35.6365, 43.6001



62.4780, 1.7363, 3.0888



53.6900, 37.6208, 66.9239



1.2390, 0.8682, 1.5444

Previews

White Background



This preview shows how the YUV color 98.5220, 17.9837, -75.0028 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 98.5220, 17.9837, -75.0028 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

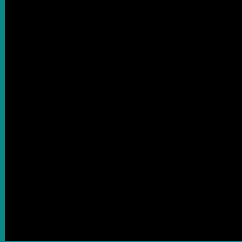
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 98.5220, 17.9837, -75.0028

Background



This preview shows how black text looks on a background with the YUV color 98.5220, 17.9837, -75.0028.



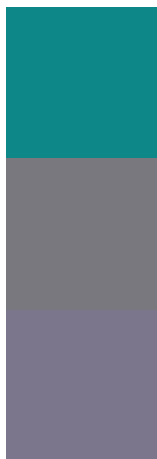
This preview shows how white text looks on a background with the YUV color 98.5220, 17.9837,

-75.0028.

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

98.5220, 17.9837, -75.0028

Protanopia

120.9830, 2.4734, 0.0149

Deuteranopia

121.8890, 8.4357, 0.9743



Tritanopia

103.1470, 20.1405, -66.7809

Trichromacy



Original Color

98.5220, 17.9837, -75.0028

Protanomaly

112.5990, 8.0857, -26.8353

Deuteranomaly

113.3370, 12.1589, -26.6055

Tritanomaly

101.3100, 19.5672, -69.5549

Monochromacy



Original Color

98.5220, 17.9837, -75.0028

Achromatopsia

99.0000, 0.0000, 0.0000

Achromatomaly

98.8440, 6.4859, -27.0502

CSS Examples

Text

The CSS property to change the color of the text to YUV 98.5220, 17.9837, -75.0028 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(13, 135, 135)` looks like.

```
.text, #text, p{  
    color:rgb(13, 135, 135)  
}
```

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(13, 135, 135) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(13, 135, 135) }
```

Border

The CSS property to change the border of an element to YUV 98.5220, 17.9837, -75.0028 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(13, 135, 135) }
```


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

```
.border{ border-color:rgb(13, 135, 135) }
```

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

Here you see how a box with a 4 pixel `rgb(13, 135, 135)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(13, 135, 135); -webkit-box-  
shadow:4px 4px 4px 4px rgb(13, 135, 135);  
box-shadow:4px 4px 4px 4px rgb(13, 135,  
135) }
```

Background

The CSS property to change the background color of an element to YUV 98.5220, 17.9837, -75.0028 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(13, 135, 135) }
```

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

```
.background{ background-color: rgb(13, 135,  
135) }
```

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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