

Converting Colors

YUV(121.8240, 9.9468,
-63.8666)

Have a look what the booklet for
YUV(121.8240, 9.9468, -63.8666)
contains.

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Color

**YUV(121.8240, 9.9468,
-63.8666)**

Conversions

Conversions Part 1

Format	Color
Hex	319B8E
RGB	49, 155, 142
RGB Percent	19%, 61%, 56%
CMY	0.8078, 0.3922, 0.4431
CMYK	0.68, 0.00, 0.08, 0.39
HSL	173°, 52%, 40%
HSV	173°, 68%, 61%
XYZ	17.8705, 26.0487, 29.6772
YIQ	121.8240, -59.0030, -26.5150

Conversions

Conversions Part 2

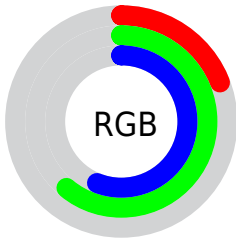
Format	Color
RYB	49, 105, 155
Decimal	3251086
CIELab	58.08, -32.88, -1.94
CIElCh	58, 32.940, 183.383
Yxy	26.0487, 0.2428, 0.3539
Android (android.graphics.Color)	4281441166 (0xFF319B8E)
YUV	121.8240, 9.9468, -63.8666
Hunter-Lab	51.0379, -26.8161, 1.2509

Details

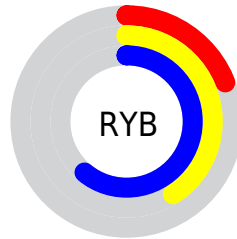
The YUV color **121.8240, 9.9468, -63.8666** is a dark color, and the websafe version is hex **009999**. A complement of this color would be **82.1760, -9.9468, 63.8666**, and the grayscale version is **122.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **178.5040, 8.6255, -60.0780**, and **70.9490, 10.3781, -62.2223** is the 20% darker color. If you saturate the color by 10%, you get **116.8120, 11.4317, -73.5031**, and if you desaturate by 10%, it is **126.8360, 8.4619, -54.2302**.

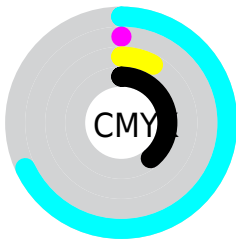
Distribution



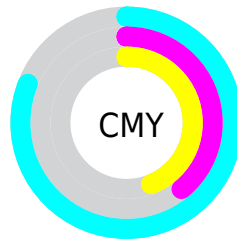
- Red (19%)
- Green (61%)
- Blue (56%)



- Red (19%)
- Yellow (41%)
- Blue (61%)



- Cyan (68%)
- Magenta (0%)
- Yellow (8%)
- Black (39%)



- Cyan (81%)
- Magenta (39%)
- Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the YUV color 121.8240, 9.9468, -63.8666 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 121.8240, 9.9468, -63.8666 by changing the saturation by 10% instead.

■ 121.8240, 9.9468,
-63.8666

■ 121.8240, 9.9468,
-63.8666

■ 255.0000, 0.0000,
0.0000

■ 88.9470, 13.3371,
-78.0065

■ 178.5040, 8.6255,
-60.0780

■ 70.9490, 10.3781,
-62.2223

■ 207.0910, 8.3361,
-60.5928

■ 53.5380, 7.1298,
-46.9528

■ 228.3460, 11.6614,
-53.8004

■ 37.5290, 4.1762,
-32.9129

■ 237.3590, 8.6970,
-36.2718

■ 23.3950, 0.7913,
-20.5174

■ 246.0300, 4.4222,
-18.4433

■ 0.0000, 0.0000,
0.0000

■ 121.8240, 9.9468,
-63.8666

■ 121.8240, 9.9468,
-63.8666

■ 116.8120, 11.4317,
-73.5031

■ 126.8360, 8.4619,
-54.2302

■ 112.0990, 12.7692,
-82.5248

■ 131.5490, 7.1243,
-45.2085

■ 107.0870, 14.2541,
-92.1613

■ 136.2620, 5.7868,
-36.1868

■ 106.4890, 14.5489,
-93.3909

■ 141.2740, 4.3019,
-26.5503

■ 145.9870, 2.9644,
-17.5286

■ 150.8850, 1.0427,
-7.7921

■ 155.5980, -0.2948,
1.2296

■ 160.6100, -1.7797,

10.8660

■ 165.3230, -3.1172,
19.8877

Harmonies

Analogous

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



129.6030, -8.1853, -34.7318



121.8240, 9.9468, -63.8666



110.9740, 29.0998, -93.8162

Triad

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



121.8240, 9.9468, -63.8666



142.2820, 22.5390, 4.1377



139.6890, -24.9897, 35.3527

Complementary

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



121.8240, 9.9468, -63.8666



82.1760, -9.9468, 63.8666

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.



140.8720, -15.7129, 46.5933



121.8240, 9.9468, -63.8666



143.4720, 11.1063, 31.1581

Square

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



121.8240, 9.9468, -63.8666



136.0220, 30.0622, -28.9603



142.3030, -2.6144, 45.3383



137.1720, -27.6928, 15.6352

Rectangle

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



121.8240, 9.9468, -63.8666



118.9960, 32.5400, -77.1725



142.3030, -2.6144, 45.3383



140.2920, -22.8220, 40.0859

Sweetspot

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



121.8240, 9.9468, -63.8666



187.8720, 4.0071, -25.3207



115.4080, -32.7391, -45.9618



94.1830, 2.3748, -15.0695



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.



121.8240, 9.9468, -63.8666



149.3850, 15.5862, -99.4386



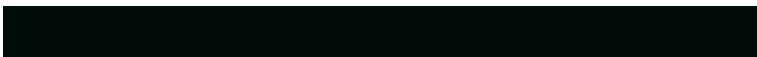
100.4130, 26.9114, -45.0892



74.4940, 0.7425, -4.8182



96.2020, 13.2114, -84.3692



8.8850, 1.0427, -7.7921

Inverse Universe

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



82.1760, -9.9468, 63.8666



87.7290, -15.1494, 99.3387



103.5870, -26.9114, 45.0892



71.5060, -0.7425, 4.8182



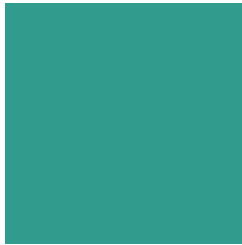
43.7980, -13.2114, 84.3692



4.1150, -1.0427, 7.7921

Previews

White Background



This preview shows how the YUV color 121.8240, 9.9468, -63.8666 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 121.8240, 9.9468, -63.8666 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

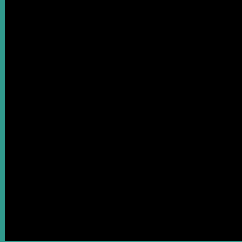
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 121.8240, 9.9468, -63.8666

Background



This preview shows how black text looks on a background with the YUV color 121.8240, 9.9468, -63.8666.



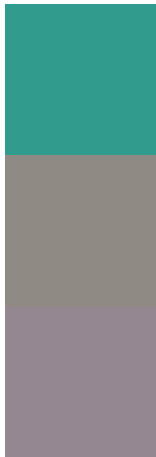
This preview shows how white text looks on a background with the YUV color 121.8240, 9.9468,

-63.8666.

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

121.8240, 9.9468, -63.8666

Protanopia

138.8110, -3.3578, 3.6738

Deuteranopia

140.4400, 2.7411, 7.5071



Tritanopia

125.8600, 18.8030, -57.7592

Trichromacy



Original Color

121.8240, 9.9468, -63.8666

Protanomaly

132.6230, 1.6649, -20.7174

Deuteranomaly

133.6710, 5.5852, -18.1285

Tritanomaly

124.3390, 15.6089, -59.9333

Monochromacy



Original Color

121.8240, 9.9468, -63.8666

Achromatopsia

122.0000, 0.0000, 0.0000

Achromatomaly

121.7690, 3.5649, -23.4764

CSS Examples

Text

The CSS property to change the color of the text to YUV 121.8240, 9.9468, -63.8666 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(49, 155, 142)` looks like.

```
.text, #text, p{  
    color:rgb(49, 155, 142)  
}
```

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(49, 155, 142) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(49, 155, 142) }
```

Border

The CSS property to change the border of an element to YUV 121.8240, 9.9468, -63.8666 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(49, 155, 142) }
```


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

```
.border{ border-color:rgb(49, 155, 142) }
```

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

Here you see how a box with a 4 pixel `rgb(49, 155, 142)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(49, 155, 142); -webkit-box-  
shadow:4px 4px 4px 4px rgb(49, 155, 142);  
box-shadow:4px 4px 4px 4px rgb(49, 155,  
142) }
```

Background

The CSS property to change the background color of an element to YUV 121.8240, 9.9468, -63.8666 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(49, 155, 142) }
```

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

```
.background{ background-color: rgb(49, 155,  
142) }
```

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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