

Converting Colors

YUV(123.0810, 16.7221,
-90.4020)

Have a look what the booklet for
YUV(123.0810, 16.7221, -90.4020)
contains.

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Color

**YUV(123.0810, 16.7221,
-90.4020)**

Conversions

Conversions Part 1

Format	Color
Hex	14A99D
RGB	20, 169, 157
RGB Percent	8%, 66%, 62%
CMY	0.9216, 0.3373, 0.3843
CMYK	0.88, 0.00, 0.07, 0.34
HSL	175°, 79%, 37%
HSV	175°, 88%, 66%
XYZ	20.5623, 30.9590, 36.7902
YIQ	123.0810, -84.9520, -35.3200

Conversions

Conversions Part 2

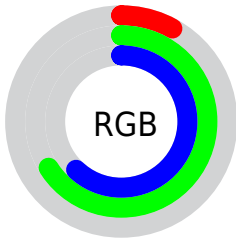
Format	Color
R_{YB}	20, 98, 169
Decimal	1354141
CIE Lab	62.47, -38.09, -4.00
CIE LCh	62, 38.299, 185.999
Yxy	30.9590, 0.2328, 0.3506
Android (android.graphics.Color)	4279544221 (0xFF14A99D)
YUV	123.0810, 16.7221, -90.4020
Hunter-Lab	55.6408, -31.4061, -0.2546

Details

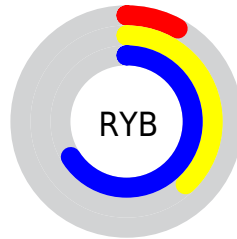
The YUV color **123.0810, 16.7221, -90.4020** is a dark color, and the websafe version is hex **009999**. A complement of this color would be **65.9190, -16.7221, 90.4020**, and the grayscale version is **123.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **185.7300, 12.4581, -76.0622**, and **80.1760, 12.7312, -70.3144** is the 20% darker color. If you saturate the color by 10%, you get **117.8840, 18.7912, -100.7533**, and if you desaturate by 10%, it is **128.2780, 14.6529, -80.0508**.

Distribution



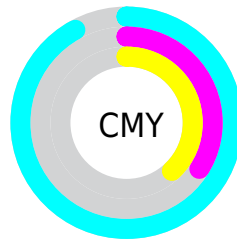
- Red (8%)
- Green (66%)
- Blue (62%)



- Red (8%)
- Yellow (38%)
- Blue (66%)



- Cyan (88%)
- Magenta (0%)
- Yellow (7%)
- Black (34%)



- Cyan (92%)
- Magenta (34%)
- Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the YUV color 123.0810, 16.7221, -90.4020 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 123.0810, 16.7221, -90.4020 by changing the saturation by 10% instead.

■ 123.0810, 16.7221,
-90.4020

■ 123.0810, 16.7221,
-90.4020

■ 255.0000, 0.0000,
0.0000

■ 98.2880, 16.1270,
-86.1986

■ 185.7300, 12.4581,
-76.0622

■ 80.1760, 12.7312,
-70.3144

■ 215.3280, 12.1633,
-74.8327

■ 62.7650, 9.4829,
-55.0449

■ 226.5950, 14.0037,
-58.4038

■ 45.4680, 6.6713,
-39.8754

■ 235.5650, 9.5815,
-39.9605

■ 30.0460, 3.4283,
-26.3503

■ 244.5350, 5.1592,
-21.5172

■ 11.3300, 2.7953,
-9.9364

■ 253.5050, 0.7370,

■ 0.0000, 0.0000,

-3.0739

0.0000

■ 123.0810, 16.7221,
-90.4020

■ 123.0810, 16.7221,
-90.4020

■ 117.8840, 18.7912,
-100.7533

■ 128.2780, 14.6529,
-80.0508

■ 116.8730, 18.7966,
-102.4976

■ 133.5890, 13.0206,
-69.7996

■ 138.7860, 10.9515,
-59.4483

■ 143.9830, 8.8824,
-49.0971

■ 148.9950, 7.3975,
-39.4606

■ 154.1920, 5.3283,
-29.1094

■ 159.5030, 3.6960,
-18.8581

■ 164.7000, 1.6269,
-8.5069

■ 169.8970, -0.4422,
1.8443

Harmonies

Analogous

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



137.9500, -7.8633, -44.6831



123.0810, 16.7221, -90.4020



120.2760, 34.3739, -105.4821

Triad

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



123.0810, 16.7221, -90.4020



154.7000, 25.2909, 8.1561



150.0440, -30.0947, 39.4264

Complementary

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



123.0810, 16.7221, -90.4020



65.9190, -16.7221, 90.4020

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.



152.2920, -19.3710, 53.2409



123.0810, 16.7221, -90.4020



155.0430, 11.8108, 38.5503

Square

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



123.0810, 16.7221, -90.4020



147.2650, 34.8724, -31.8044



153.9020, -4.3887, 54.4599



147.6190, -32.3502, 16.1201

Rectangle

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



123.0810, 16.7221, -90.4020



119.8660, 42.9571, -105.1225



153.9020, -4.3887, 54.4599



151.4730, -27.3482, 45.1892

Sweetspot

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



123.0810, 16.7221, -90.4020



201.5010, 6.6550, -34.6424



111.0510, -44.8881, -69.3277



99.4920, 3.7014, -20.6025



237.0000, 0.0000, 0.0000



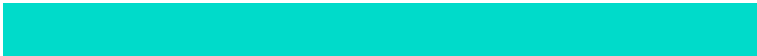
110.0000, 0.0000, 0.0000

Same Dimension

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



123.0810, 16.7221, -90.4020



151.5810, 24.8566, -132.9365



88.0550, 39.9059, -59.6842



81.4940, 0.7425, -4.8182



102.3800, 16.5747, -89.7873



13.9060, 2.5113, -12.1956

Inverse Universe

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



65.9190, -16.7221, 90.4020



67.5330, -24.4198, 132.8366



100.9450, -39.9059, 59.6842



78.3920, -1.1793, 4.9182



45.6200, -16.5747, 89.7873



6.2080, -2.0745, 12.0956

Previews

White Background



This preview shows how the YUV color 123.0810, 16.7221, -90.4020 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

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 123.0810, 16.7221, -90.4020 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

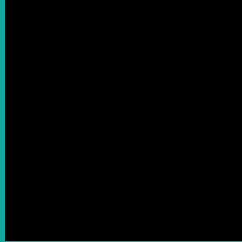
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 123.0810, 16.7221, -90.4020

Background



This preview shows how black text looks on a background with the YUV color 123.0810, 16.7221, -90.4020.

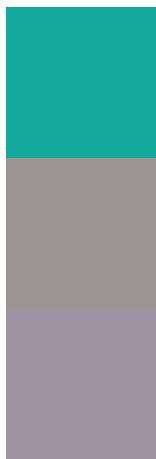


This preview shows how white text looks on a background with the YUV color 123.0810, 16.7221, -90.4020.

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

123.0810, 16.7221, -90.4020

Protanopia

150.1530, -2.0474, 3.3738

Deuteranopia

151.7110, 5.0725, 6.3925



Tritanopia

131.0040, 23.6620, -76.3025

Trichromacy



Original Color

123.0810, 16.7221, -90.4020

Protanomaly

140.0670, 4.8970, -30.7538

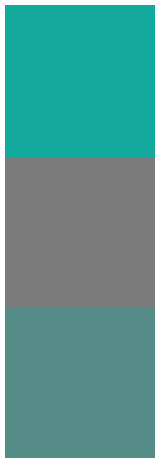
Deuteranomaly

140.9300, 9.4015, -28.8796

Tritanomaly

127.9880, 21.2049, -81.5505

Monochromacy



Original Color

123.0810, 16.7221, -90.4020

Achromatopsia

123.0000, 0.0000, 0.0000

Achromatomaly

123.2840, 5.7760, -32.6981

CSS Examples

Text

The CSS property to change the color of the text to YUV 123.0810, 16.7221, -90.4020 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(20, 169, 157)` looks like.

```
.text, #text, p{  
    color:rgb(20, 169, 157)  
}
```

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(20, 169, 157) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(20, 169, 157) }
```

Border

The CSS property to change the border of an element to YUV 123.0810, 16.7221, -90.4020 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(20, 169, 157) }
```


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

```
.border{ border-color:rgb(20, 169, 157) }
```

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

Here you see how a box with a 4 pixel `rgb(20, 169, 157)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(20, 169, 157); -webkit-box-  
shadow:4px 4px 4px 4px rgb(20, 169, 157);  
box-shadow:4px 4px 4px 4px rgb(20, 169,  
157) }
```

Background

The CSS property to change the background color of an element to YUV 123.0810, 16.7221, -90.4020 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(20, 169, 157) }
```

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

```
.background{ background-color: rgb(20, 169,  
157) }
```

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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