

Converting Colors

YUV(159.8740, -2.4029,
-22.6915)

Have a look what the booklet for
YUV(159.8740, -2.4029, -22.6915)
contains.

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Color

**YUV(159.8740, -2.4029,
-22.6915)**

Conversions

Conversions Part 1

Format	Color
Hex	86AE9B
RGB	134, 174, 155
RGB Percent	53%, 68%, 61%
CMY	0.4745, 0.3176, 0.3922
CMYK	0.23, 0.00, 0.11, 0.32
HSL	151°, 20%, 60%
HSV	151°, 23%, 68%
XYZ	30.8840, 37.7070, 36.6608
YIQ	159.8740, -17.7410, -14.3890

Conversions

Conversions Part 2

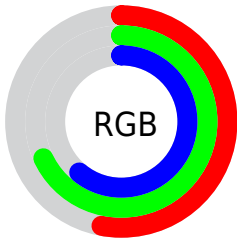
Format	Color
RYB	134, 160, 174
Decimal	8826523
CIELab	67.80, -17.48, 5.35
CIELCh	68, 18.282, 162.976
Yxy	37.7070, 0.2934, 0.3583
Android (android.graphics.Color)	4287016603 (0xFF86AE9B)
YUV	159.8740, -2.4029, -22.6915
Hunter-Lab	61.4060, -17.6845, 7.5868

Details

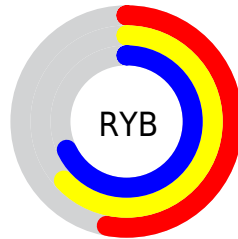
The YUV color **159.8740, -2.4029, -22.6915** is a light color, and the websafe version is hex **669999**. A complement of this color would be **148.1260, 2.4029, 22.6915**, and the grayscale version is **160.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **215.0480, -2.9817, -23.7211**, and **107.7000, -1.8241, -21.6619** is the 20% darker color. If you saturate the color by 10%, you get **153.8790, -3.3913, -32.3429**, and if you desaturate by 10%, it is **165.8690, -1.4144, -13.0401**.

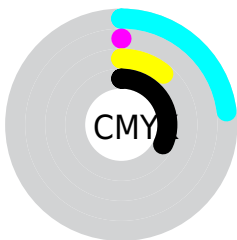
Distribution



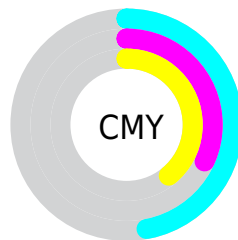
- Red (53%)
- Green (68%)
- Blue (61%)



- Red (53%)
- Yellow (63%)
- Blue (68%)



- Cyan (23%)
- Magenta (0%)
- Yellow (11%)
- Black (32%)



- Cyan (47%)
- Magenta (32%)
- Yellow (39%)

Brightness & Saturation Gradients

These gradients show how the YUV color 159.8740, -2.4029, -22.6915 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 159.8740, -2.4029, -22.6915 by changing the saturation by 10% instead.


 159.8740, -2.4029,
-22.6915

 159.8740, -2.4029,
-22.6915


255.0000, 0.0000,
0.0000


 133.2870, -2.1135,
-22.1767


 215.0480, -2.9817,
-23.7211


 107.7000, -1.8241,
-21.6619


 241.4010, -1.6767,
-22.2767

 83.7000, -1.8241,
-21.6619

 251.7110, 1.6215,
-6.7625

 60.1130, -1.5347,
-21.1471

 36.9280, -0.9505,
-21.8619

 18.6190, -2.2772,
-16.3289

 0.0000, 0.0000,

0.0000

■ 159.8740, -2.4029,
-22.6915

■ 159.8740, -2.4029,
-22.6915

■ 153.8790, -3.3913,
-32.3429

■ 165.8690, -1.4144,
-13.0401

■ 147.4710, -4.6692,
-42.5091

■ 172.2770, -0.1366,
-2.8739

■ 141.4760, -5.6577,
-52.1605

■ 178.2720, 0.8519,
6.7775

■ 135.1820, -6.4987,
-62.4266

■ 184.5660, 1.6930,
17.0436

■ 129.1870, -7.4872,
-72.0780

■ 190.5610, 2.6814,
26.6950

■ 123.0780, -8.9125,
-81.6294

■ 196.6700, 4.1067,
36.2464

■ 116.7840, -9.7535,
-91.8956

■ 202.6650, 5.0952,
45.8978

■ 112.5120,
-10.6054, -98.6730

■ 203.5770, 8.5895,
45.0980

■ 204.4890, 12.0839,
44.2981

Harmonies

Analogous

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



161.8990, -10.3032, -8.6814



159.8740, -2.4029, -22.6915



158.8110, 6.5022, -32.2832

Triad

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



159.8740, -2.4029, -22.6915



165.3700, 15.5936, -8.2175



166.7770, -11.7221, 26.5056

Complementary

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



159.8740, -2.4029, -22.6915



148.1260, 2.4029, 22.6915

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.



168.2100, -5.0335, 27.8798



159.8740, -2.4029, -22.6915



167.8020, 10.4506, 8.0666

Square

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



159.8740, -2.4029, -22.6915



161.9120, 16.8054, -23.6018



168.6420, 3.1345, 21.3620



165.6960, -15.6261, 18.6836

Rectangle

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



159.8740, -2.4029, -22.6915



159.0650, 11.3070, -33.3830



168.6420, 3.1345, 21.3620



167.3580, -9.5435, 27.7500

Sweetspot

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



159.8740, -2.4029, -22.6915



221.3040, -1.1359, -9.0366



163.1610, -14.3764, -8.9112



111.7390, -0.8573, -5.0331



242.0000, 0.0000, 0.0000



115.0000, 0.0000, 0.0000

Same Dimension

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



159.8740, -2.4029, -22.6915



204.4440, -3.6699, -36.3464



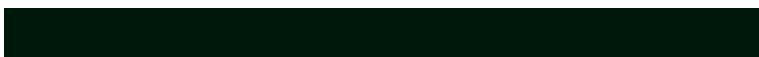
161.4530, 6.1857, -24.0763



83.8530, -0.4205, -5.1331



97.0560, -8.9016, -85.1181



14.8690, -1.4144, -13.0401

Inverse Universe

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



148.1260, 2.4029, 22.6915



185.6700, 4.1067, 36.2464



146.5470, -6.1857, 24.0763



81.1470, 0.4205, 5.1331



52.9440, 8.9016, 85.1181



8.1310, 1.4144, 13.0401

Previews

White Background



This preview shows how the YUV color 159.8740, -2.4029, -22.6915 looks on a white background.

Color Contrast Check

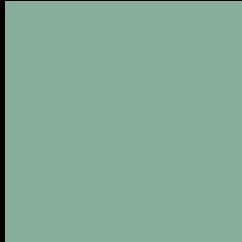
Large Text (above 18pt) WCAG AA × Fail

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 159.8740, -2.4029, -22.6915 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

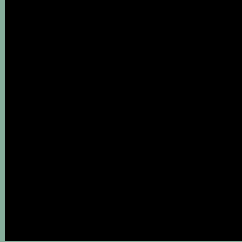
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 159.8740, -2.4029, -22.6915

Background



This preview shows how black text looks on a background with the YUV color 159.8740, -2.4029, -22.6915.



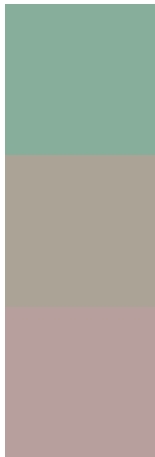
This preview shows how white text looks on a background with the YUV color 159.8740, -2.4029, -22.6915.

-22.6915.

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

159.8740, -2.4029, -22.6915

Protanopia

164.4970, -7.1470, 5.7031

Deuteranopia

166.0620, -3.9746, 14.8546



Tritanopia

162.2130, 10.2480, -20.3578

Trichromacy



Original Color

159.8740, -2.4029, -22.6915

Protanomaly

163.1860, -5.5147, -4.5481

Deuteranomaly

163.5010, -3.2050, 1.3146

Tritanomaly

161.0620, 5.8854, -21.1024

Monochromacy



Original Color

159.8740, -2.4029, -22.6915

Achromatopsia

160.0000, 0.0000, 0.0000

Achromatomaly

160.0160, -0.9939, -7.9070

CSS Examples

Text

The CSS property to change the color of the text to YUV 159.8740, -2.4029, -22.6915 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(134, 174, 155)` looks like.

```
.text, #text, p{  
    color:rgb(134, 174, 155)  
}
```

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(134, 174, 155) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(134, 174, 155) }
```

Border

The CSS property to change the border of an element to YUV 159.8740, -2.4029, -22.6915 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(134, 174, 155) }
```


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

```
.border{ border-color:rgb(134, 174, 155) }
```

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

Here you see how a box with a 4 pixel `rgb(134, 174, 155)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(134, 174, 155); -webkit-box-  
shadow:4px 4px 4px 4px rgb(134, 174, 155);  
box-shadow:4px 4px 4px 4px rgb(134, 174,  
155) }
```

Background

The CSS property to change the background color of an element to YUV 159.8740, -2.4029, -22.6915 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(134, 174, 155) }
```

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

```
.background{ background-color: rgb(134,  
174, 155) }
```

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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