

Converting Colors

YUV(99.8350, 0.0813, -26.1653)

Have a look what the booklet for
YUV(99.8350, 0.0813, -26.1653)
contains.

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Color

**YUV(99.8350, 0.0813,
-26.1653)**

Conversions

Conversions Part 1

Format	Color
Hex	467364
RGB	70, 115, 100
RGB Percent	27%, 45%, 39%
CMY	0.7255, 0.5490, 0.6078
CMYK	0.39, 0.00, 0.13, 0.55
HSL	160°, 24%, 36%
HSV	160°, 39%, 45%
XYZ	10.9568, 14.4837, 14.2747
YIQ	99.8350, -22.0050, -14.2050

Conversions

Conversions Part 2

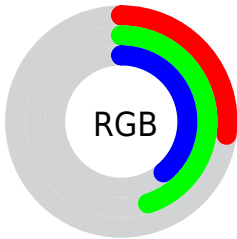
Format	Color
R_{YB}	70, 97, 115
Decimal	4617060
CIE _{Lab}	44.92, -19.24, 3.43
CIE _{LCh}	45, 19.542, 169.888
Yxy	14.4837, 0.2759, 0.3647
Android (android.graphics.Color)	4282807140 (0xFF467364)
YUV	99.8350, 0.0813, -26.1653
Hunter-Lab	38.0574, -15.2101, 4.4014

Details

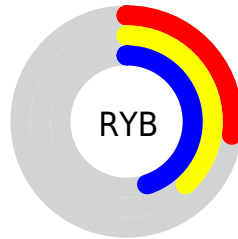
The YUV color **99.8350, 0.0813, -26.1653** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **85.1650, -0.0813, 26.1653**, and the grayscale version is **100.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **151.1230, -0.0606, -27.2949**, and **51.6500, 0.6655, -26.8801** is the 20% darker color. If you saturate the color by 10%, you get **96.0900, -0.0444, -32.5279**, and if you desaturate by 10%, it is **103.8790, 0.0597, -19.1879**.

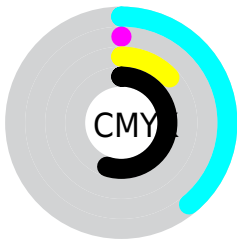
Distribution



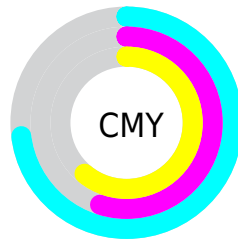
- Red (27%)
- Green (45%)
- Blue (39%)



- Red (27%)
- Yellow (38%)
- Blue (45%)



- Cyan (39%)
- Magenta (0%)
- Yellow (13%)
- Black (55%)



- Cyan (73%)
- Magenta (55%)
- Yellow (61%)

Brightness & Saturation Gradients

These gradients show how the YUV color 99.8350, 0.0813, -26.1653 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 99.8350, 0.0813, -26.1653 by changing the saturation by 10% instead.

■ 99.8350, 0.0813,
-26.1653

■ 99.8350, 0.0813,
-26.1653

■ 255.0000, 0.0000,
0.0000

■ 75.2480, 0.3707,
-25.6505

■ 151.1230, -0.0606,
-27.2949

■ 51.6500, 0.6655,
-26.8801

■ 178.0090, -0.4974,
-27.1949

■ 29.4760, 1.2443,
-25.8505

■ 205.7100, -0.3500,
-27.8097

■ 15.7010, -3.3036,
-13.7698

■ 233.9980, -0.4920,
-28.9392

■ 0.0000, 0.0000,
0.0000

■ 247.5250, 3.6852,
-15.3694

■ 99.8350, 0.0813,
-26.1653

■ 99.8350, 0.0813,
-26.1653

■ 96.0900, -0.0444,
-32.5279

■ 103.8790, 0.0597,
-19.1879

■ 92.0460, -0.0227,
-39.5053

■ 107.6240, 0.1854,
-12.8252

■ 88.4150, 0.2884,
-45.9680

■ 111.6680, 0.1637,
-5.8478

■ 84.3710, 0.3101,
-52.9454

■ 115.2990, -0.1474,
0.6148

■ 80.6260, 0.1844,
-59.3080

■ 119.3430, -0.1691,
7.5922

■ 76.5820, 0.2061,
-66.2854

■ 123.0880, -0.0434,
13.9548

■ 76.2830, 0.3535,
-66.9002

■ 127.1320, -0.0651,
20.9322

■ 130.8770, 0.0606,

27.2949

■ 134.9210, 0.0389,
34.2723

Harmonies

Analogous

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



102.3330, -8.5452, -12.5700



99.8350, 0.0813, -26.1653



98.1850, 9.2758, -35.2422

Triad

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



99.8350, 0.0813, -26.1653



106.8650, 14.8566, -5.1436



107.2390, -12.4428, 24.3464

Complementary

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



99.8350, 0.0813, -26.1653



85.1650, -0.0813, 26.1653

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.



108.2700, -6.0491, 26.9502



99.8350, 0.0813, -26.1653



108.4820, 9.1294, 11.8553

Square

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



99.8350, 0.0813, -26.1653



103.0370, 17.2368, -21.9574



108.8980, 1.5293, 22.8915



105.6740, -15.6153, 15.1949

Rectangle

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



99.8350, 0.0813, -26.1653



98.4390, 14.0806, -36.3420



108.8980, 1.5293, 22.8915



107.7060, -10.7011, 25.6908

Sweetspot

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



99.8350, 0.0813, -26.1653



143.9340, 0.0325, -10.4661



100.9000, -15.2337, -13.9443



73.2550, -0.1257, -6.3626



204.0000, 0.0000, 0.0000



77.0000, 0.0000, 0.0000

Same Dimension

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



99.8350, 0.0813, -26.1653



126.4480, 0.2721, -40.7349



97.4360, 8.6591, -24.0614



56.9780, 0.0108, -3.4887



80.9620, 0.5117, -71.0037



165.7880, 0.5975, -145.3961

Inverse Universe

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



85.1650, -0.0813, 26.1653



103.5520, -0.2721, 40.7349



88.1510, -8.9484, 23.5466



55.0220, -0.0108, 3.4887



41.1520, -0.0749, 70.9037



84.2120, -0.5975, 145.3961

Previews

White Background



This preview shows how the YUV color 99.8350, 0.0813, -26.1653 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 99.8350, 0.0813, -26.1653 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

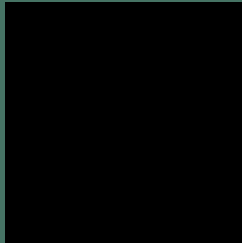
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 99.8350, 0.0813, -26.1653

Background



This preview shows how black text looks on a background with the YUV color 99.8350, 0.0813, -26.1653.



This preview shows how white text looks on a background with the YUV color 99.8350, 0.0813, -26.1653.

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

99.8350, 0.0813, -26.1653

Protanopia

105.3550, -5.1050, 4.0737

Deuteranopia

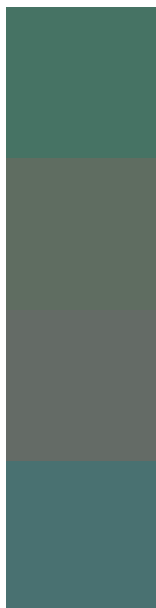
106.5990, -1.7743, 9.1217



Tritanopia

101.9630, 9.3852, -23.6466

Trichromacy



Original Color

99.8350, 0.0813, -26.1653

Protanomaly

103.4460, -3.1779, -7.4071

Deuteranomaly

104.3370, -1.1521, -3.8035

Tritanomaly

101.0400, 5.8963, -24.5911

Monochromacy



Original Color

99.8350, 0.0813, -26.1653

Achromatopsia

100.0000, 0.0000, 0.0000

Achromatomaly

99.6460, 0.1745, -9.3365

CSS Examples

Text

The CSS property to change the color of the text to YUV 99.8350, 0.0813, -26.1653 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(70, 115, 100)` looks like.

```
.text, #text, p{  
    color:rgb(70, 115, 100)  
}
```

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(70, 115, 100) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(70, 115, 100) }
```

Border

The CSS property to change the border of an element to YUV 99.8350, 0.0813, -26.1653 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(70, 115, 100) }
```


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

```
.border{ border-color:rgb(70, 115, 100) }
```

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

Here you see how a box with a 4 pixel `rgb(70, 115, 100)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(70, 115, 100); -webkit-box-  
shadow:4px 4px 4px 4px rgb(70, 115, 100);  
box-shadow:4px 4px 4px 4px rgb(70, 115,  
100) }
```

Background

The CSS property to change the background color of an element to YUV 99.8350, 0.0813, -26.1653 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(70, 115, 100) }
```

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

```
.background{ background-color: rgb(70, 115,  
100) }
```

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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