

Converting Colors

YUV(82.9950, 10.8485,
-26.3056)

Have a look what the booklet for
YUV(82.9950, 10.8485, -26.3056)
contains.

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Color

**YUV(82.9950, 10.8485,
-26.3056)**

Conversions

Conversions Part 1

Format	Color
Hex	355E69
RGB	53, 94, 105
RGB Percent	21%, 37%, 41%
CMY	0.7922, 0.6314, 0.5882
CMYK	0.50, 0.10, 0.00, 0.59
HSL	193°, 33%, 31%
HSV	193°, 50%, 41%
XYZ	8.0207, 9.7822, 14.8300
YIQ	82.9950, -27.9670, -5.2710

Conversions

Conversions Part 2

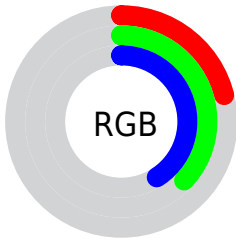
Format	Color
RYB	53, 76, 105
Decimal	3497577
CIELab	37.45, -11.07, -10.75
CIELCh	37, 15.431, 224.155
Yxy	9.7822, 0.2458, 0.2998
Android (android.graphics.Color)	4281687657 (0xFF355E69)
YUV	82.9950, 10.8485, -26.3056
Hunter-Lab	31.2765, -8.9585, -6.2193

Details

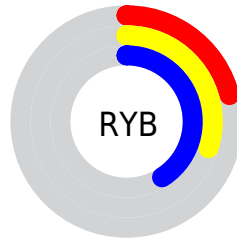
The YUV color **82.9950, 10.8485, -26.3056** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **75.0050, -10.8485, 26.3056**, and the grayscale version is **83.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **133.1090, 11.2853, -26.4056**, and **34.7880, 11.4435, -30.5091** is the 20% darker color. If you saturate the color by 10%, you get **78.8310, 12.9013, -31.4238**, and if you desaturate by 10%, it is **87.4580, 8.6482, -20.5727**.

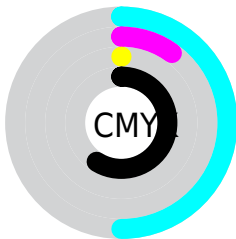
Distribution



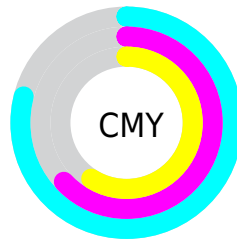
- Red (21%)
- Green (37%)
- Blue (41%)



- Red (21%)
- Yellow (30%)
- Blue (41%)



- Cyan (50%)
- Magenta (10%)
- Yellow (0%)
- Black (59%)



- Cyan (79%)
- Magenta (63%)
- Yellow (59%)

Brightness & Saturation Gradients

These gradients show how the YUV color 82.9950, 10.8485, -26.3056 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 82.9950, 10.8485, -26.3056 by changing the saturation by 10% instead.

■ 82.9950, 10.8485,
-26.3056

■ 82.9950, 10.8485,
-26.3056

■ 255.0000, 0.0000,
0.0000

■ 58.6960, 10.9959,
-26.9204

■ 133.1090, 11.2853,
-26.4056

■ 34.7880, 11.4435,
-30.5091

■ 159.8100, 11.4327,
-27.0204

■ 19.9530, 7.9112,
-17.4988

■ 186.9240, 11.8695,
-27.1203

■ 2.2970, 6.2626,
-2.0145

■ 214.9240, 11.8695,
-27.1203

■ 0.0000, 0.0000,
0.0000

■ 242.1430, 6.3385,
-26.4354

■ 250.5150, 2.2111,

-9.2217

■ 82.9950, 10.8485,
-26.3056

■ 82.9950, 10.8485,
-26.3056

■ 78.8310, 12.9013,
-31.4238

■ 87.4580, 8.6482,
-20.5727

■ 74.3680, 15.1016,
-37.1567

■ 91.6220, 6.5954,
-15.4545

■ 69.6170, 17.4438,
-41.7601

■ 96.6720, 4.1057,
-10.2363

■ 65.1540, 19.6441,
-47.4931

■ 100.8360, 2.0529,
-5.1182

■ 60.9900, 21.6969,
-52.6112

■ 105.2990, -0.1474,
0.6148

■ 60.6910, 21.8443,
-53.2260

■ 109.4630, -2.2003,
5.7329

■ 114.5130, -4.6899,
10.9511

■ 118.6770, -6.7428,
16.0693

■ 123.1400, -8.9430,
21.8022

Harmonies

Analogous

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



82.3280, 5.7543, -25.7207



82.9950, 10.8485, -26.3056



85.3210, 13.1527, -18.6985

Triad

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



82.9950, 10.8485, -26.3056



90.3810, 2.2772, 16.3289



86.7480, -11.2148, 3.7290

Complementary

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



82.9950, 10.8485, -26.3056



75.0050, -10.8485, 26.3056

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.



87.9880, -11.8261, 13.1655



82.9950, 10.8485, -26.3056



89.6220, -3.2646, 20.5025

Square

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



82.9950, 10.8485, -26.3056



89.8080, 7.9827, 6.3074



88.8300, -8.7902, 19.4431



85.5940, -7.6878, -7.5369

Rectangle

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



82.9950, 10.8485, -26.3056



87.5500, 12.5469, -11.0063



88.8300, -8.7902, 19.4431



87.5420, -12.0992, 7.4177

Sweetspot

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



82.9950, 10.8485, -26.3056



128.7860, 4.5425, -10.3363



84.6640, -10.6804, -27.7693



63.3520, 2.7845, -6.4477



196.0000, 0.0000, 0.0000



69.0000, 0.0000, 0.0000

Same Dimension

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



82.9950, 10.8485, -26.3056



103.5030, 17.0070, -41.6601



68.3200, 18.0832, -13.4356



51.0320, 1.4632, -2.6591



67.3420, 24.4814, -59.0589



141.2210, 51.1630, -123.8508

Inverse Universe

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



73.2220, 10.2436, 27.8693



87.9280, 16.3045, 43.9131



89.6800, -18.0832, 13.4356



50.2500, 0.8628, 3.2887



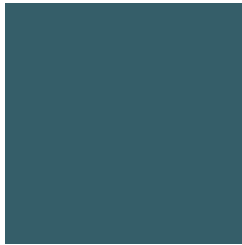
45.4710, 22.9388, 62.7309



95.2570, 48.1873, 131.3246

Previews

White Background



This preview shows how the YUV color 82.9950, 10.8485, -26.3056 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 ✓ Pass

Black Background



This preview shows how the YUV color 82.9950, 10.8485, -26.3056 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

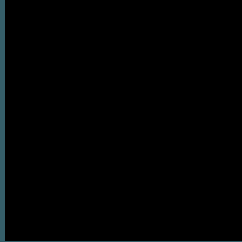
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

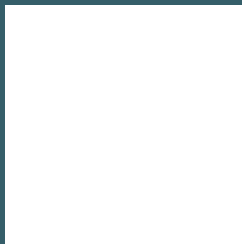
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 82.9950, 10.8485, -26.3056

Background



This preview shows how black text looks on a background with the YUV color 82.9950, 10.8485, -26.3056.



This preview shows how white text looks on a background with the YUV color 82.9950, 10.8485,

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

82.9950, 10.8485, -26.3056

Protanopia

88.1830, 5.8258, -1.9145

Deuteranopia

88.6930, 9.0254, -1.4848



Tritanopia

82.3540, 9.6855, -26.6205

Trichromacy



Original Color

82.9950, 10.8485, -26.3056

Protanomaly

86.5840, 7.6001, -11.0362

Deuteranomaly

86.7520, 9.4893, -10.3065

Tritanomaly

82.4680, 10.1223, -26.7204

Monochromacy



Original Color

82.9950, 10.8485, -26.3056

Achromatopsia

83.0000, 0.0000, 0.0000

Achromatomaly

82.9710, 3.9583, -9.6216

CSS Examples

Text

The CSS property to change the color of the text to YUV 82.9950, 10.8485, -26.3056 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(53, 94, 105)` looks like.

```
.text, #text, p{  
    color:rgb(53, 94, 105)  
}
```

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(53, 94, 105) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(53, 94, 105) }
```

Border

The CSS property to change the border of an element to YUV 82.9950, 10.8485, -26.3056 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(53, 94, 105) }
```


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

```
.border{ border-color:rgb(53, 94, 105) }
```

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

Here you see how a box with a 4 pixel rgb(53, 94, 105) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(53, 94, 105); -webkit-box-  
shadow:4px 4px 4px 4px rgb(53, 94, 105);  
box-shadow:4px 4px 4px 4px rgb(53, 94,  
105) }
```

Background

The CSS property to change the background color of an element to YUV 82.9950, 10.8485, -26.3056 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(53, 94, 105) }
```

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

```
.background{ background-color: rgb(53, 94,  
105) }
```

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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