

Converting Colors

YUV(63.8810, 10.4117,
-26.2056)

Have a look what the booklet for
YUV(63.8810, 10.4117, -26.2056)
contains.

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Color

**YUV(63.8810, 10.4117,
-26.2056)**

Conversions

Conversions Part 1

Format	Color
Hex	224B55
RGB	34, 75, 85
RGB Percent	13%, 29%, 33%
CMY	0.8667, 0.7059, 0.6667
CMYK	0.60, 0.12, 0.00, 0.67
HSL	192°, 43%, 23%
HSV	192°, 60%, 33%
XYZ	4.8155, 6.0281, 9.5041
YIQ	63.8810, -27.6460, -5.5820

Conversions

Conversions Part 2

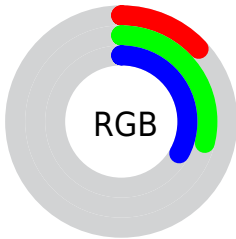
Format	Color
R_{YB}	34, 57, 85
Decimal	2247509
CIE _{Lab}	29.48, -11.04, -10.30
CIE _{LCh}	29, 15.094, 223.023
Yxy	6.0281, 0.2367, 0.2963
Android (android.graphics.Color)	4280437589 (0xFF224B55)
YUV	63.8810, 10.4117, -26.2056
Hunter-Lab	24.5522, -7.9569, -5.7644

Details

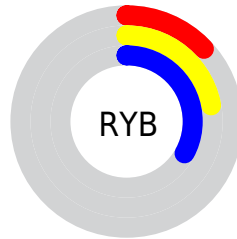
The YUV color **63.8810, 10.4117, -26.2056** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **55.1190, -10.4117, 26.2056**, and the grayscale version is **64.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **113.2940, 10.7011, -25.6908**, and **22.7570, 8.5008, -19.9579** is the 20% darker color. If you saturate the color by 10%, you get **60.0160, 12.3171, -30.7090**, and if you desaturate by 10%, it is **67.4470, 8.6536, -22.3170**.

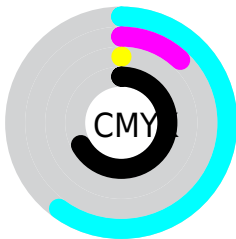
Distribution



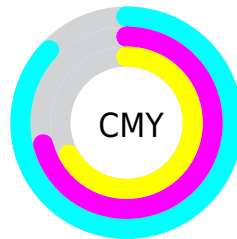
- Red (13%)
- Green (29%)
- Blue (33%)



- Red (13%)
- Yellow (22%)
- Blue (33%)



- Cyan (60%)
- Magenta (12%)
- Yellow (0%)
- Black (67%)



- Cyan (87%)
- Magenta (71%)
- Yellow (67%)

Brightness & Saturation Gradients

These gradients show how the YUV color 63.8810, 10.4117, -26.2056 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 63.8810, 10.4117, -26.2056 by changing the saturation by 10% instead.

■ 63.8810, 10.4117,
-26.2056

■ 63.8810, 10.4117,
-26.2056

■ 255.0000, 0.0000,
0.0000

■ 39.0870, 11.2961,
-29.8943

■ 113.2940, 10.7011,
-25.6908

■ 22.7570, 8.5008,
-19.9579

■ 138.9950, 10.8485,
-26.3056

■ 2.8670, 8.4466,
-2.5144

■ 165.1090, 11.2853,
-26.4056

■ 0.0000, 0.0000,
0.0000

■ 192.8100, 11.4327,
-27.0204

■ 220.8100, 11.4327,
-27.0204

■ 243.9370, 5.4541,

-22.7467

252.6080, 1.1793,
-4.9182

63.8810, 10.4117,
-26.2056

63.8810, 10.4117,
-26.2056

60.0160, 12.3171,
-30.7090

67.4470, 8.6536,
-22.3170

57.0370, 13.7858,
-35.1124

70.7250, 7.0376,
-17.2988

53.1720, 15.6912,
-39.6158

74.2910, 5.2795,
-13.4102

49.6060, 17.4492,
-43.5045

78.1560, 3.3741,
-8.9068

81.1350, 1.9054,
-4.5034

■ 85.0000, 0.0000,
0.0000

■ 88.8650, -1.9054,
4.5034

■ 91.8440, -3.3741,
8.9068

■ 95.4100, -5.1321,
12.7954

Harmonies

Analogous

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



63.5130, 5.1701, -25.0059



63.8810, 10.4117, -26.2056



66.7940, 12.4266, -19.1133

Triad

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



63.8810, 10.4117, -26.2056



71.4840, 2.7194, 14.4845



68.2750, -10.4886, 4.1438

Complementary

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



63.8810, 10.4117, -26.2056



55.1190, -10.4117, 26.2056

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.



69.2160, -10.9525, 12.9656



63.8810, 10.4117, -26.2056



71.0240, -2.9698, 19.2730

Square

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



63.8810, 10.4117, -26.2056



71.3950, 7.6933, 5.7926



70.3460, -8.0586, 18.1136



67.3060, -7.5459, -6.4074

Rectangle

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



63.8810, 10.4117, -26.2056



68.4360, 12.1101, -10.9064



70.3460, -8.0586, 18.1136



68.7700, -11.2256, 7.2177

Sweetspot

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



63.8810, 10.4117, -26.2056



101.6720, 4.1057, -10.2363



64.9630, -10.8278, -27.1546



51.2380, 2.3477, -6.3477



184.0000, 0.0000, 0.0000



56.0000, 0.0000, 0.0000

Same Dimension

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



63.8810, 10.4117, -26.2056



76.9870, 16.2754, -40.3306



49.2060, 17.6464, -13.3357



41.8040, 0.5896, -2.4591



62.6800, 21.8498, -54.9704



137.7330, 47.9526, -120.7918

Inverse Universe

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



53.9230, 10.3910, 27.2545



61.8030, 15.8731, 42.2688



69.7940, -17.6464, 13.3357



40.6520, 1.1576, 2.0592



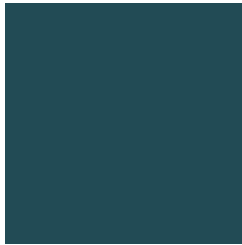
41.7970, 21.7921, 57.1830



91.8110, 47.9142, 125.5768

Previews

White Background



This preview shows how the YUV color 63.8810, 10.4117, -26.2056 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 63.8810, 10.4117, -26.2056 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

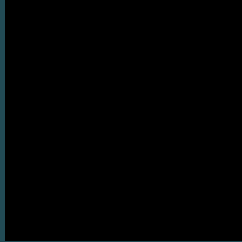
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 63.8810, 10.4117, -26.2056

Background



This preview shows how black text looks on a background with the YUV color 63.8810, 10.4117, -26.2056.



This preview shows how white text looks on a background with the YUV color 63.8810, 10.4117,

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

63.8810, 10.4117, -26.2056

Protanopia

69.7700, 5.5364, -2.4293

Deuteranopia

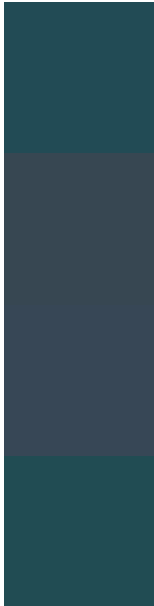
69.8670, 8.4466, -2.5144



Tritanopia

63.8270, 8.9593, -27.0353

Trichromacy



Original Color

63.8810, 10.4117, -26.2056

Protanomaly

67.4700, 7.1633, -10.9362

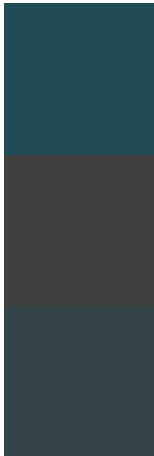
Deuteranomaly

67.9260, 8.9105, -11.3361

Tritanomaly

63.9410, 9.3961, -27.1353

Monochromacy



Original Color

63.8810, 10.4117, -26.2056

Achromatopsia

64.0000, 0.0000, 0.0000

Achromatomaly

63.9710, 3.9583, -9.6216

CSS Examples

Text

The CSS property to change the color of the text to YUV 63.8810, 10.4117, -26.2056 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(34, 75, 85)` looks like.

```
.text, #text, p{  
    color:rgb(34, 75, 85)  
}
```

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(34, 75, 85) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(34, 75, 85) }
```

Border

The CSS property to change the border of an element to YUV 63.8810, 10.4117, -26.2056 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(34, 75, 85) }
```


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

```
.border{ border-color:rgb(34, 75, 85) }
```

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

Here you see how a box with a 4 pixel rgb(34, 75, 85) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(34, 75, 85); -webkit-box-  
shadow:4px 4px 4px 4px rgb(34, 75, 85);  
box-shadow:4px 4px 4px 4px rgb(34, 75, 85)  
}
```

Background

The CSS property to change the background color of an element to YUV 63.8810, 10.4117, -26.2056 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(34, 75, 85) }
```

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

```
.background{ background-color: rgb(34, 75,  
85) }
```

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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