

Converting Colors

YUV(63.7860, 21.3045,
-19.9833)

Have a look what the booklet for
YUV(63.7860, 21.3045, -19.9833)
contains.

YUV(63.7860, 21.3045, -19.9833)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YUV(63.7860, 21.3045,
-19.9833)**

Conversions

Conversions Part 1

Format	Color
Hex	29436B
RGB	41, 67, 107
RGB Percent	16%, 26%, 42%
CMY	0.8392, 0.7373, 0.5804
CMYK	0.62, 0.37, 0.00, 0.58
HSL	216°, 45%, 29%
HSV	216°, 62%, 42%
XYZ	5.5754, 5.5473, 14.6868
YIQ	63.7860, -28.3360, 6.9280

Conversions

Conversions Part 2

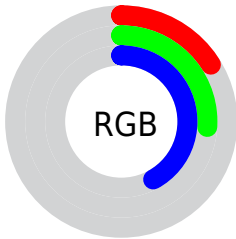
Format	Color
R_{YB}	41, 60, 107
Decimal	2704235
CIE _{Lab}	28.24, 3.58, -26.29
CIE _{LCh}	28, 26.537, 277.763
Yxy	5.5473, 0.2160, 0.2149
Android (android.graphics.Color)	4280894315 (0xFF29436B)
YUV	63.7860, 21.3045, -19.9833
Hunter-Lab	23.5526, 1.0379, -20.4848

Details

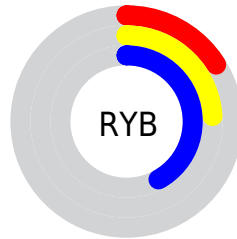
The YUV color **63.7860, 21.3045, -19.9833** is a dark color, and the websafe version is hex **003366**. A complement of this color would be **84.2140, -21.3045, 19.9833**, and the grayscale version is **64.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **113.1390, 22.6095, -18.5389**, and **21.4010, 18.5363, -18.7687** is the 20% darker color. If you saturate the color by 10%, you get **56.9750, 24.6623, -23.6571**, and if you desaturate by 10%, it is **70.5970, 17.9467, -16.3096**.

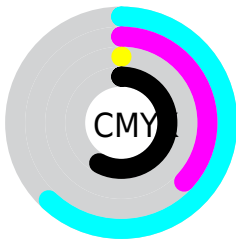
Distribution



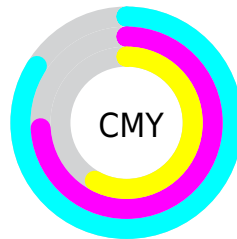
- Red (16%)
- Green (26%)
- Blue (42%)



- Red (16%)
- Yellow (24%)
- Blue (42%)



- Cyan (62%)
- Magenta (37%)
- Yellow (0%)
- Black (58%)



- Cyan (84%)
- Magenta (74%)
- Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the YUV color 63.7860, 21.3045, -19.9833 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 63.7860, 21.3045, -19.9833 by changing the saturation by 10% instead.

■ 63.7860, 21.3045,
-19.9833

■ 63.7860, 21.3045,
-19.9833

■ 255.0000, 0.0000,
0.0000

■ 39.1660, 21.6102,
-24.7016

■ 113.1390, 22.6095,
-18.5389

■ 21.4010, 18.5363,
-18.7687

■ 138.6660, 23.3357,
-18.1241

■ 5.3920, 15.5827,
-4.7288

■ 165.0790, 23.6251,
-17.6093

■ 2.1830, 5.8258,
-1.9145

■ 192.8940, 24.2093,
-18.3240

■ 0.0000, 0.0000,
0.0000

■ 218.5970, 17.9467,
-16.3096

■ 244.2910, 5.2795,

-13.4102

■ 63.7860, 21.3045,
-19.9833

■ 63.7860, 21.3045,
-19.9833

■ 56.9750, 24.6623,
-23.6571

■ 70.5970, 17.9467,
-16.3096

■ 49.8760, 28.1621,
-26.2013

■ 77.6960, 14.4469,
-13.7654

■ 43.0650, 31.5200,
-29.8750

■ 84.5070, 11.0890,
-10.0916

■ 36.8520, 34.5830,
-32.3192

■ 91.9050, 7.4418,
-6.9327

■ 98.7160, 4.0840,
-3.2589

■ 105.8150, 0.5842,
-0.7148

■ 112.6260, -2.7736,
2.9590

■ 120.0240, -6.4208,
6.1180

■ 126.5360, -9.6312,
9.1769

Harmonies

Analogous

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



54.7070, 24.3014, -47.9780



63.7860, 21.3045, -19.9833



68.3440, 15.1134, 5.8373

Triad

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



63.7860, 21.3045, -19.9833



66.5110, -11.5909, 31.1239



56.8900, -3.3968, -30.5985

Complementary

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



63.7860, 21.3045, -19.9833



84.2140, -21.3045, 19.9833

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.



62.1610, -14.3764, -8.9112



63.7860, 21.3045, -19.9833



65.7350, -18.1104, 22.1574

Square

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



63.7860, 21.3045, -19.9833



67.2260, -2.5764, 33.1278



64.1910, -19.8142, 8.6025



53.2930, 8.7296, -46.7380

Rectangle

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



63.7860, 21.3045, -19.9833



68.7540, 9.9813, 18.6327



64.1910, -19.8142, 8.6025



59.2070, -7.4971, -22.1065

Sweetspot

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



63.7860, 21.3045, -19.9833



122.8340, 8.4628, -7.7474



84.3020, -1.6279, -37.9759



60.3460, 5.2524, -4.6884



199.0000, 0.0000, 0.0000



71.0000, 0.0000, 0.0000

Same Dimension

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



63.7860, 21.3045, -19.9833



71.9230, 33.5620, -31.5045



50.6170, 27.7968, -2.2951



49.8580, 2.0420, -1.6295



40.3400, 37.7934, -35.3782



84.2820, 79.2340, -73.9153

Inverse Universe

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



63.6980, 1.6279, 37.9759



71.7700, 2.5784, 59.8377



97.3830, -27.7968, 2.2951



50.0220, -0.0108, 3.4887



40.2270, 2.8461, 67.3299



84.1990, 5.8179, 141.0225

Previews

White Background



This preview shows how the YUV color 63.7860, 21.3045, -19.9833 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 63.7860, 21.3045, -19.9833 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

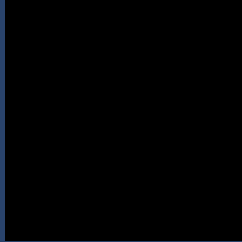
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 63.7860, 21.3045, -19.9833

Background



This preview shows how black text looks on a background with the YUV color 63.7860, 21.3045, -19.9833.



This preview shows how white text looks on a background with the YUV color 63.7860, 21.3045,

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

63.7860, 21.3045, -19.9833

Protanopia

65.3740, 19.5356, -12.6060

Deuteranopia

64.3840, 21.0097, -18.7538



Tritanopia

59.9300, 9.4015, -28.8796

Trichromacy



Original Color

63.7860, 21.3045, -19.9833

Protanomaly

64.8790, 20.2727, -15.6799

Deuteranomaly

64.0850, 21.1571, -19.3685

Tritanomaly

61.3910, 13.6112, -25.7759

Monochromacy



Original Color

63.7860, 21.3045, -19.9833

Achromatopsia

64.0000, 0.0000, 0.0000

Achromatomaly

64.0190, 7.8786, -7.0327

CSS Examples

Text

The CSS property to change the color of the text to YUV 63.7860, 21.3045, -19.9833 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(41, 67, 107)` looks like.

```
.text, #text, p{  
    color:rgb(41, 67, 107)  
}
```

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(41, 67, 107) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(41, 67, 107) }
```

Border

The CSS property to change the border of an element to YUV 63.7860, 21.3045, -19.9833 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(41, 67, 107) }
```


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

```
.border{ border-color:rgb(41, 67, 107) }
```

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

Here you see how a box with a 4 pixel `rgb(41, 67, 107)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(41, 67, 107); -webkit-box-  
shadow:4px 4px 4px 4px rgb(41, 67, 107);  
box-shadow:4px 4px 4px 4px rgb(41, 67,  
107) }
```

Background

The CSS property to change the background color of an element to YUV 63.7860, 21.3045, -19.9833 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(41, 67, 107) }
```

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

```
.background{ background-color: rgb(41, 67,  
107) }
```

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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