

Converting Colors

YUV(63.9910, 6.9064, -21.9171)

Have a look what the booklet for
YUV(63.9910, 6.9064, -21.9171)
contains.

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Color

**YUV(63.9910, 6.9064,
-21.9171)**

Conversions

Conversions Part 1

Format	Color
Hex	274A4E
RGB	39, 74, 78
RGB Percent	15%, 29%, 31%
CMY	0.8471, 0.7098, 0.6941
CMYK	0.50, 0.05, 0.00, 0.69
HSL	186°, 33%, 23%
HSV	186°, 50%, 31%
XYZ	4.6606, 5.8790, 8.0968
YIQ	63.9910, -22.1440, -6.1760

Conversions

Conversions Part 2

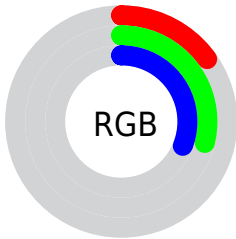
Format	Color
R_{YB}	39, 57, 78
Decimal	2574926
CIE _{Lab}	29.10, -11.41, -6.34
CIE _{LCh}	29, 13.051, 209.047
Yxy	5.8790, 0.2501, 0.3155
Android (android.graphics.Color)	4280765006 (0xFF274A4E)
YUV	63.9910, 6.9064, -21.9171
Hunter-Lab	24.2466, -8.1205, -2.8266




Details

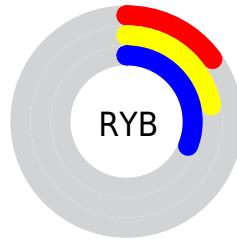
The YUV color **63.9910, 6.9064, -21.9171** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **53.0090, -6.9064, 21.9171**, and the grayscale version is **64.0000, 0.0000, 0.0000**.




A 20% lighter version of the original color is **112.6920, 7.0538, -22.5319**, and **21.4860, 6.1694, -18.8432** is the 20% darker color. If you saturate the color by 10%, you get **61.0120, 8.3751, -26.3205**, and if you desaturate by 10%, it is **66.9700, 5.4378, -17.5137**.

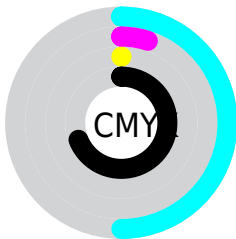
Distribution







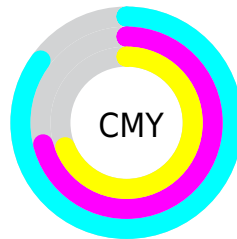
-  Red (15%)
-  Green (29%)
-  Blue (31%)






-  Red (15%)
-  Yellow (22%)
-  Blue (31%)



-  Cyan (50%)
-  Magenta (5%)
-  Yellow (0%)
-  Black (69%)



-  Cyan (85%)
-  Magenta (71%)
-  Yellow (69%)

Brightness & Saturation Gradients

These gradients show how the YUV color 63.9910, 6.9064, -21.9171 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 63.9910, 6.9064, -21.9171 by changing the saturation by 10% instead.

63.9910, 6.9064,
-21.9171

63.9910, 6.9064,
-21.9171

255.0000, 0.0000,
0.0000

40.6920, 7.0538,
-22.5319

112.6920, 7.0538,
-22.5319

21.4860, 6.1694,
-18.8432

138.3930, 7.2013,
-23.1467

1.3680, 5.2416,
-1.1997

164.5070, 7.6380,
-23.2466

0.0000, 0.0000,
0.0000

192.0940, 7.3487,
-23.7614

220.0940, 7.3487,
-23.7614

244.8340, 5.0118,

-20.9024

253.5050, 0.7370,
-3.0739

63.9910, 6.9064,
-21.9171

63.9910, 6.9064,
-21.9171

61.0120, 8.3751,
-26.3205

66.9700, 5.4378,
-17.5137

58.0330, 9.8437,
-30.7239

69.9490, 3.9691,
-13.1103

55.9400, 10.8756,
-35.0274

72.0420, 2.9373,
-8.8068

52.9610, 12.3442,
-39.4308

75.0210, 1.4686,
-4.4034

49.9820, 13.8129,
-43.8342

78.0000, 0.0000,
0.0000

■ 80.9790, -1.4686,
4.4034

■ 83.9580, -2.9373,
8.8068

■ 86.0510, -3.9691,
13.1103

■ 89.0300, -5.4378,
17.5137

Harmonies

Analogous

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



64.3460, 1.8014, -17.8434



63.9910, 6.9064, -21.9171



65.2240, 10.2426, -18.6134

Triad

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



63.9910, 6.9064, -21.9171



70.2060, 4.3354, 9.4663



68.1120, -9.9152, 6.9178

Complementary

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



63.9910, 6.9064, -21.9171



53.0090, -6.9064, 21.9171

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.



68.9110, -8.3371, 14.1101



63.9910, 6.9064, -21.9171



69.9850, -0.4856, 15.7992

Square

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



63.9910, 6.9064, -21.9171



69.4760, 8.1463, 0.4595



69.7310, -5.2904, 16.8989



67.2250, -7.9989, -1.0743

Rectangle

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



63.9910, 6.9064, -21.9171



66.9580, 10.3737, -13.9952



69.7310, -5.2904, 16.8989



68.5360, -9.6312, 9.1769

Sweetspot

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



63.9910, 6.9064, -21.9171



96.3410, 2.7899, -8.1921



62.3490, -9.5391, -20.4771



47.7220, 1.6161, -5.0182



179.0000, 0.0000, 0.0000



51.0000, 0.0000, 0.0000

Same Dimension

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



63.9910, 6.9064, -21.9171



80.2390, 10.7282, -34.4126



52.8380, 12.4049, -12.1359



36.8040, 0.5896, -2.4591



65.6320, 17.9294, -57.5593



147.1420, 40.8490, -129.0435

Inverse Universe

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



54.6510, 9.5391, 20.4771



65.5090, 15.0321, 32.0026



64.1620, -12.4049, 12.1359



35.6520, 1.1576, 2.0592



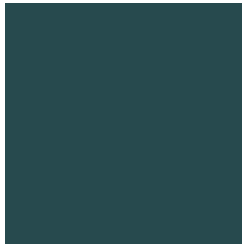
40.9860, 25.1499, 53.5093



92.2540, 56.0768, 120.8032

Previews

White Background



This preview shows how the YUV color 63.9910, 6.9064, -21.9171 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 63.9910, 6.9064, -21.9171 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

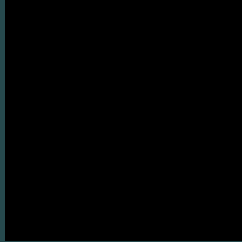
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 63.9910, 6.9064, -21.9171

Background



This preview shows how black text looks on a background with the YUV color 63.9910, 6.9064, -21.9171.



This preview shows how white text looks on a background with the YUV color 63.9910, 6.9064, -21.9171.

-21.9171.

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

63.9910, 6.9064, -21.9171

Protanopia

68.6840, 2.6208, -0.5999

Deuteranopia

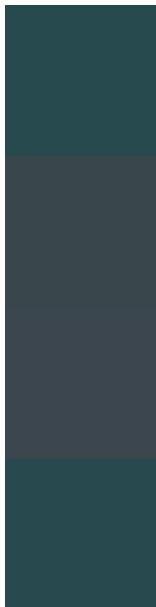
69.3790, 5.2362, 0.5446



Tritanopia

64.5180, 7.6326, -21.5023

Trichromacy



Original Color

63.9910, 6.9064, -21.9171

Protanomaly

66.6830, 4.1003, -8.4920

Deuteranomaly

67.7370, 5.5527, -7.6623

Tritanomaly

64.4040, 7.1958, -21.4023

Monochromacy



Original Color

63.9910, 6.9064, -21.9171

Achromatopsia

64.0000, 0.0000, 0.0000

Achromatomaly

64.2270, 2.3531, -8.0921

CSS Examples

Text

The CSS property to change the color of the text to YUV 63.9910, 6.9064, -21.9171 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(39, 74, 78)` looks like.

```
.text, #text, p{  
    color:rgb(39, 74, 78)  
}
```

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(39, 74, 78) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(39, 74, 78) }
```

Border

The CSS property to change the border of an element to YUV 63.9910, 6.9064, -21.9171 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(39, 74, 78) }
```


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

```
.border{ border-color:rgb(39, 74, 78) }
```

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

Here you see how a box with a 4 pixel `rgb(39, 74, 78)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(39, 74, 78); -webkit-box-  
shadow:4px 4px 4px 4px rgb(39, 74, 78);  
box-shadow:4px 4px 4px 4px rgb(39, 74, 78)  
}
```

Background

The CSS property to change the background color of an element to YUV 63.9910, 6.9064, -21.9171 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(39, 74, 78) }
```

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

```
.background{ background-color: rgb(39, 74,  
78) }
```

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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