

Converting Colors

YUV(88.9910, 6.9064, -21.9171)

Have a look what the booklet for
YUV(88.9910, 6.9064, -21.9171)
contains.

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Color

**YUV(88.9910, 6.9064,
-21.9171)**

Conversions

Conversions Part 1

Format	Color
Hex	406367
RGB	64, 99, 103
RGB Percent	25%, 39%, 40%
CMY	0.7490, 0.6118, 0.5961
CMYK	0.38, 0.04, 0.00, 0.60
HSL	186°, 23%, 33%
HSV	186°, 38%, 40%
XYZ	9.0244, 10.9929, 14.4782
YIQ	88.9910, -22.1440, -6.1760

Conversions

Conversions Part 2

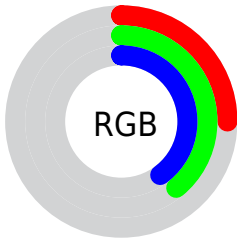
Format	Color
RYB	64, 82, 103
Decimal	4219751
CIELab	39.57, -11.42, -6.27
CIELCh	40, 13.028, 208.788
Yxy	10.9929, 0.2616, 0.3187
Android (android.graphics.Color)	4282409831 (0xFF406367)
YUV	88.9910, 6.9064, -21.9171
Hunter-Lab	33.1556, -9.4377, -2.6815




Details

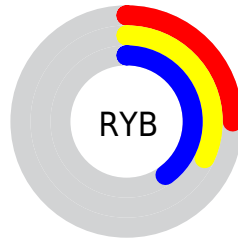
The YUV color **88.9910, 6.9064, -21.9171** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **78.0090, -6.9064, 21.9171**, and the grayscale version is **89.0000, 0.0000, 0.0000**.




A 20% lighter version of the original color is **139.6920, 7.0538, -22.5319**, and **41.6920, 7.0538, -22.5319** is the 20% darker color. If you saturate the color by 10%, you get **85.4140, 8.6699, -27.5501**, and if you desaturate by 10%, it is **92.5680, 5.1430, -16.2841**.

Distribution







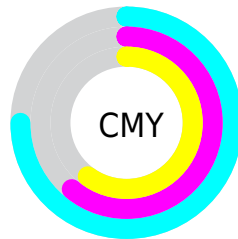
-  Red (25%)
-  Green (39%)
-  Blue (40%)






-  Red (25%)
-  Yellow (32%)
-  Blue (40%)



-  Cyan (38%)
-  Magenta (4%)
-  Yellow (0%)
-  Black (60%)



-  Cyan (75%)
-  Magenta (61%)
-  Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the YUV color 88.9910, 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 88.9910, 6.9064, -21.9171 by changing the saturation by 10% instead.

88.9910, 6.9064,
-21.9171

88.9910, 6.9064,
-21.9171

255.0000, 0.0000,
0.0000

64.9910, 6.9064,
-21.9171

139.6920, 7.0538,
-22.5319

41.6920, 7.0538,
-22.5319

166.3930, 7.2013,
-23.1467

22.1870, 6.3168,
-19.4580

193.3930, 7.2013,
-23.1467

2.0690, 5.3890,
-1.8145

221.2080, 7.7855,
-23.8614

0.0000, 0.0000,
0.0000

245.1330, 4.8644,
-20.2876

253.8040, 0.5896,

-2.4591

■ 88.9910, 6.9064,
-21.9171

■ 88.9910, 6.9064,
-21.9171

■ 85.4140, 8.6699,
-27.5501

■ 92.5680, 5.1430,
-16.2841

■ 81.5380, 10.5808,
-33.7978

■ 96.4440, 3.2321,
-10.0364

■ 77.9610, 12.3442,
-39.4308

■ 100.0210, 1.4686,
-4.4034

■ 74.3840, 14.1077,
-45.0638

■ 103.5980, -0.2948,
1.2296

■ 70.8070, 15.8711,
-50.6967

■ 107.4740, -2.2057,
7.4773

■ 66.9310, 17.7820,
-56.9445

■ 111.0510, -3.9691,
13.1103

■ 65.7460, 18.3662,
-57.6592

■ 114.6280, -5.7326,
18.7432

■ 118.2050, -7.4961,
24.3762

■ 122.6680, -9.6963,
30.1092

Harmonies

Analogous

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



88.9330, 1.5120, -18.3582



88.9910, 6.9064, -21.9171



90.2240, 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.



88.9910, 6.9064, -21.9171



94.9180, 4.4774, 10.5959



92.7100, -10.2100, 8.1473

Complementary

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



88.9910, 6.9064, -21.9171



78.0090, -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.



93.9820, -9.3581, 14.9248



88.9910, 6.9064, -21.9171



95.2840, -0.6330, 16.4139

Square

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



88.9910, 6.9064, -21.9171



94.5900, 8.5831, 0.3596



94.3290, -5.5852, 18.1285



91.6980, -8.7251, -1.4891

Rectangle

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



88.9910, 6.9064, -21.9171



91.4850, 11.0999, -13.5803



94.3290, -5.5852, 18.1285



93.1340, -9.9261, 10.4065

Sweetspot

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



88.9910, 6.9064, -21.9171



129.9280, 2.5005, -8.7069



87.3490, -9.5391, -20.4771



65.7220, 1.6161, -5.0182



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.



88.9910, 6.9064, -21.9171



113.2390, 10.7282, -34.4126



77.8380, 12.4049, -12.1359



48.9180, 1.0264, -2.5591



73.5710, 20.4245, -64.5218



154.9670, 42.9073, -135.9061

Inverse Universe

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



79.6510, 9.5391, 20.4771



98.5090, 15.0321, 32.0026



89.1620, -12.4049, 12.1359



47.9510, 1.0102, 2.6740



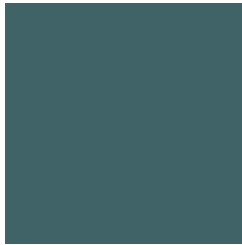
46.1270, 28.0384, 60.4016



97.0960, 59.1127, 127.0808

Previews

White Background



This preview shows how the YUV color 88.9910, 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 × Fail

Black Background



This preview shows how the YUV color 88.9910, 6.9064, -21.9171 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

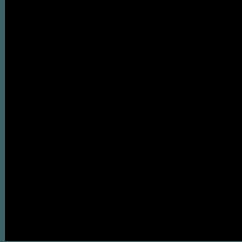
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 88.9910, 6.9064, -21.9171

Background



This preview shows how black text looks on a background with the YUV color 88.9910, 6.9064, -21.9171.



This preview shows how white text looks on a background with the YUV color 88.9910, 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

88.9910, 6.9064, -21.9171

Protanopia

93.0970, 2.9102, -0.0851

Deuteranopia

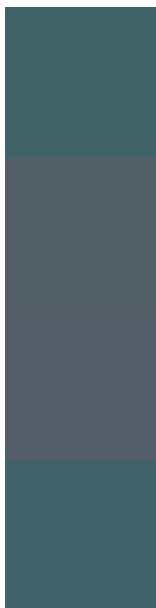
93.5040, 5.6675, 2.1890



Tritanopia

89.0450, 8.3588, -21.0875

Trichromacy



Original Color

88.9910, 6.9064, -21.9171

Protanomaly

91.6830, 4.1003, -8.4920

Deuteranomaly

91.5630, 6.1314, -6.6328

Tritanomaly

88.9310, 7.9220, -20.9875

Monochromacy



Original Color

88.9910, 6.9064, -21.9171

Achromatopsia

89.0000, 0.0000, 0.0000

Achromatomaly

89.2270, 2.3531, -8.0921

CSS Examples

Text

The CSS property to change the color of the text to YUV 88.9910, 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(64, 99, 103)` looks like.

```
.text, #text, p{  
    color:rgb(64, 99, 103)  
}
```

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(64, 99, 103) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(64, 99, 103) }
```

Border

The CSS property to change the border of an element to YUV 88.9910, 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(64, 99, 103) }
```


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

```
.border{ border-color:rgb(64, 99, 103) }
```

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

Here you see how a box with a 4 pixel `rgb(64, 99, 103)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(64, 99, 103); -webkit-box-  
shadow:4px 4px 4px 4px rgb(64, 99, 103);  
box-shadow:4px 4px 4px 4px rgb(64, 99,  
103) }
```

Background

The CSS property to change the background color of an element to YUV 88.9910, 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(64, 99, 103) }
```

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

```
.background{ background-color: rgb(64, 99,  
103) }
```

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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