

Converting Colors

YUV(84.8060, 7.4906, -22.6319)

Have a look what the booklet for
YUV(84.8060, 7.4906, -22.6319)
contains.

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Color

**YUV(84.8060, 7.4906,
-22.6319)**

Conversions

Conversions Part 1

Format	Color
Hex	3B5F64
RGB	59, 95, 100
RGB Percent	23%, 37%, 39%
CMY	0.7686, 0.6275, 0.6078
CMYK	0.41, 0.05, 0.00, 0.61
HSL	187°, 26%, 31%
HSV	187°, 41%, 39%
XYZ	8.1961, 10.0343, 13.5614
YIQ	84.8060, -23.0610, -6.0770

Conversions

Conversions Part 2

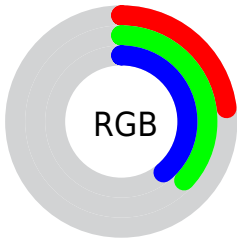
Format	Color
RYB	59, 78, 100
Decimal	3891044
CIELab	37.90, -11.45, -6.94
CIElCh	38, 13.387, 211.237
Yxy	10.0343, 0.2578, 0.3156
Android (android.graphics.Color)	4282081124 (0xFF3B5F64)
YUV	84.8060, 7.4906, -22.6319
Hunter-Lab	31.6770, -9.2498, -3.2091

Details

The YUV color **84.8060, 7.4906, -22.6319** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **74.1940, -7.4906, 22.6319**, and the grayscale version is **85.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **135.5070, 7.6380, -23.2466**, and **37.4960, 7.6435, -24.9910** is the 20% darker color. If you saturate the color by 10%, you get **81.2290, 9.2541, -28.2648**, and if you desaturate by 10%, it is **88.3830, 5.7272, -16.9989**.

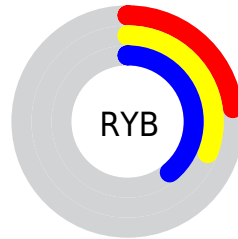
Distribution



Red (23%)

Green (37%)

Blue (39%)



Red (23%)

Yellow (31%)

Blue (39%)

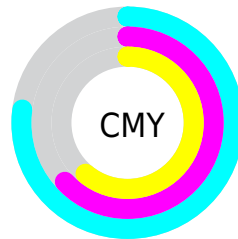


Cyan (41%)

Magenta (5%)

Yellow (0%)

Black (61%)



Cyan (77%)

Magenta (63%)

Yellow (61%)

Brightness & Saturation Gradients

These gradients show how the YUV color 84.8060, 7.4906, -22.6319 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 84.8060, 7.4906, -22.6319 by changing the saturation by 10% instead.

84.8060, 7.4906,
-22.6319

84.8060, 7.4906,
-22.6319

255.0000, 0.0000,
0.0000

60.8060, 7.4906,
-22.6319

135.5070, 7.6380,
-23.2466

37.4960, 7.6435,
-24.9910

161.2080, 7.7855,
-23.8614

20.0840, 5.8746,
-17.6137

188.3220, 8.2223,
-23.9614

0.9120, 3.4944,
-0.7998

216.9090, 7.9329,
-24.4762

0.0000, 0.0000,
0.0000

243.6380, 5.6015,
-23.3615

252.0100, 1.4741,

-6.1478

■ 84.8060, 7.4906,
-22.6319

■ 84.8060, 7.4906,
-22.6319

■ 81.2290, 9.2541,
-28.2648

■ 88.3830, 5.7272,
-16.9989

■ 77.6520, 11.0176,
-33.8978

■ 91.9600, 3.9637,
-11.3659

■ 73.4880, 13.0704,
-39.0160

■ 96.1240, 1.9109,
-6.2477

■ 69.9110, 14.8339,
-44.6489

■ 99.7010, 0.1474,
-0.6148

■ 66.3340, 16.5973,
-50.2819

■ 103.2780, -1.6161,
5.0182

■ 63.0560, 18.2134,
-55.3001

■ 106.8550, -3.3795,
10.6512

■ 111.0190, -5.4324,
15.7693

■ 114.5960, -7.1958,
21.4023

■ 118.1730, -8.9593,
27.0353

Harmonies

Analogous

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



84.7480, 2.0962, -19.0730



84.8060, 7.4906, -22.6319



86.0390, 10.8268, -19.3282

Triad

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



84.8060, 7.4906, -22.6319



91.2170, 4.3300, 11.2107



88.9980, -10.3520, 7.0178

Complementary

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



84.8060, 7.4906, -22.6319



74.1940, -7.4906, 22.6319

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.



89.6830, -9.2107, 14.3100



84.8060, 7.4906, -22.6319



91.1700, -1.0698, 16.5139

Square

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



84.8060, 7.4906, -22.6319



90.3020, 8.7251, 1.4891



90.2150, -6.0220, 18.2284



87.5130, -8.1409, -2.2039

Rectangle

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



84.8060, 7.4906, -22.6319



87.4850, 11.0999, -13.5803



90.2150, -6.0220, 18.2284



88.7210, -10.2155, 9.8917

Sweetspot

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



84.8060, 7.4906, -22.6319



124.0420, 2.9373, -8.8068



83.6370, -9.6810, -21.6066



62.7220, 1.6161, -5.0182



194.0000, 0.0000, 0.0000



66.0000, 0.0000, 0.0000

Same Dimension

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



84.8060, 7.4906, -22.6319



106.1680, 11.7492, -35.2273



73.0660, 13.2785, -12.3359



48.9180, 1.0264, -2.5591



72.3970, 21.0033, -63.4922



152.6190, 44.0648, -133.8469

Inverse Universe

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



75.3630, 9.6810, 21.6066



91.5200, 15.0266, 33.7470



85.9340, -13.2785, 12.3359



47.9510, 1.0102, 2.6740



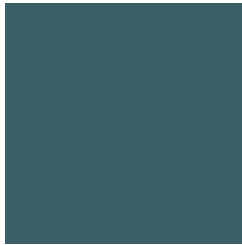
45.8990, 27.1648, 60.6016



96.6400, 57.3655, 127.4807

Previews

White Background



This preview shows how the YUV color 84.8060, 7.4906, -22.6319 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 84.8060, 7.4906, -22.6319 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

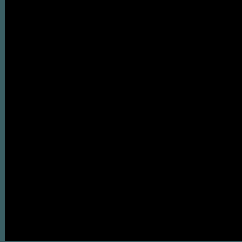
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 84.8060, 7.4906, -22.6319

Background



This preview shows how black text looks on a background with the YUV color 84.8060, 7.4906, -22.6319.



This preview shows how white text looks on a background with the YUV color 84.8060, 7.4906, -22.6319.

-22.6319.

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

84.8060, 7.4906, -22.6319

Protanopia

88.9120, 3.4944, -0.7998

Deuteranopia

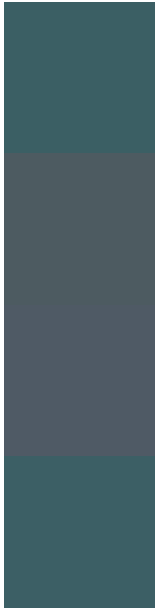
89.9060, 5.9623, 0.9594



Tritanopia

85.3330, 8.2168, -22.2170

Trichromacy



Original Color

84.8060, 7.4906, -22.6319

Protanomaly

87.4980, 4.6845, -9.2067

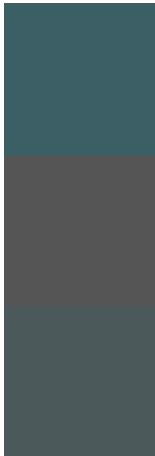
Deuteranomaly

87.9650, 6.4263, -7.8623

Tritanomaly

85.2190, 7.7800, -22.1171

Monochromacy



Original Color

84.8060, 7.4906, -22.6319

Achromatopsia

85.0000, 0.0000, 0.0000

Achromatomaly

85.2270, 2.3531, -8.0921

CSS Examples

Text

The CSS property to change the color of the text to YUV 84.8060, 7.4906, -22.6319 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(59, 95, 100)` looks like.

```
.text, #text, p{  
    color:rgb(59, 95, 100)  
}
```

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(59, 95, 100) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(59, 95, 100) }
```

Border

The CSS property to change the border of an element to YUV 84.8060, 7.4906, -22.6319 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(59, 95, 100) }
```


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

```
.border{ border-color:rgb(59, 95, 100) }
```

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

Here you see how a box with a 4 pixel `rgb(59, 95, 100)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(59, 95, 100); -webkit-box-  
shadow:4px 4px 4px 4px rgb(59, 95, 100);  
box-shadow:4px 4px 4px 4px rgb(59, 95,  
100) }
```

Background

The CSS property to change the background color of an element to YUV 84.8060, 7.4906, -22.6319 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(59, 95, 100) }
```

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

```
.background{ background-color: rgb(59, 95,  
100) }
```

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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