

Converting Colors

YUV(71.8860, 9.4232, -35.8570)

Have a look what the booklet for
YUV(71.8860, 9.4232, -35.8570)
contains.

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Color

**YUV(71.8860, 9.4232,
-35.8570)**

Conversions

Conversions Part 1

Format	Color
Hex	1F595B
RGB	31, 89, 91
RGB Percent	12%, 35%, 36%
CMY	0.8784, 0.6510, 0.6431
CMYK	0.66, 0.02, 0.00, 0.64
HSL	182°, 49%, 24%
HSV	182°, 66%, 36%
XYZ	6.0258, 8.1914, 11.1610
YIQ	71.8860, -35.2100, -11.6740

Conversions

Conversions Part 2

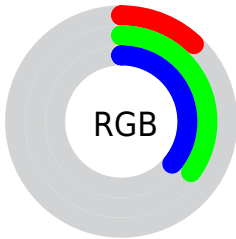
Format	Color
R_{YB}	31, 60, 91
Decimal	2054491
CIE Lab	34.38, -17.78, -6.74
CIE LCh	34, 19.012, 200.767
Yxy	8.1914, 0.2374, 0.3228
Android (android.graphics.Color)	4280244571 (0xFF1F595B)
YUV	71.8860, 9.4232, -35.8570
Hunter-Lab	28.6206, -12.5047, -3.0866




Details

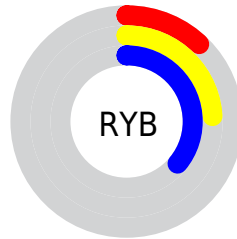
The YUV color **71.8860, 9.4232, -35.8570** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **50.1140, -9.4232, 35.8570**, and the grayscale version is **72.0000, 0.0000, 0.0000**.




A 20% lighter version of the original color is **122.7830, 8.9810, -34.0127**, and **30.3710, 7.2121, -26.6354** is the 20% darker color. If you saturate the color by 10%, you get **69.1950, 10.7499, -41.3900**, and if you desaturate by 10%, it is **74.5770, 8.0965, -30.3240**.

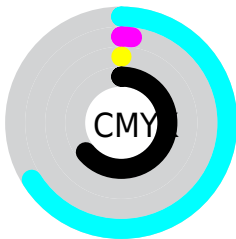
Distribution







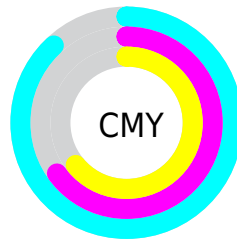
-  Red (12%)
-  Green (35%)
-  Blue (36%)






-  Red (12%)
-  Yellow (24%)
-  Blue (36%)



-  Cyan (66%)
-  Magenta (2%)
-  Yellow (0%)
-  Black (64%)



-  Cyan (88%)
-  Magenta (65%)
-  Yellow (64%)

Brightness & Saturation Gradients

These gradients show how the YUV color 71.8860, 9.4232, -35.8570 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 71.8860, 9.4232, -35.8570 by changing the saturation by 10% instead.

71.8860, 9.4232,
-35.8570

71.8860, 9.4232,
-35.8570

255.0000, 0.0000,
0.0000

45.9070, 10.8918,
-40.2604

122.7830, 8.9810,
-34.0127

30.3710, 7.2121,
-26.6354

149.3700, 8.6916,
-34.5275

16.9380, 3.9746,
-14.8546

176.1850, 9.2758,
-35.2422

0.0000, 0.0000,
0.0000

204.1850, 9.2758,
-35.2422

231.8860, 9.4232,
-35.8570

244.5350, 5.1592,

-21.5172

253.2060, 0.8844,
-3.6887

71.8860, 9.4232,
-35.8570

71.8860, 9.4232,
-35.8570

69.1950, 10.7499,
-41.3900

74.5770, 8.0965,
-30.3240

65.9170, 12.3659,
-46.4082

77.8550, 6.4805,
-25.3058

63.2260, 13.6926,
-51.9412

80.5460, 5.1538,
-19.7728

62.0300, 14.2822,
-54.4003

83.2370, 3.8272,
-14.2398

86.8140, 2.0637,
-8.6069

■ 89.5050, 0.7370,
-3.0739

■ 92.1960, -0.5896,
2.4591

■ 94.8870, -1.9163,
7.9921

■ 98.1650, -3.5323,
13.0103

Harmonies

Analogous

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



74.2480, 0.3707, -25.6505



71.8860, 9.4232, -35.8570



73.0910, 15.2381, -34.2828

Triad

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



71.8860, 9.4232, -35.8570



82.6560, 8.5506, 10.8257



80.3040, -14.4469, 13.7654

Complementary

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



71.8860, 9.4232, -35.8570



50.1140, -9.4232, 35.8570

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.



81.1570, -11.4164, 21.7873



71.8860, 9.4232, -35.8570



82.8870, 1.5347, 21.1471

Square

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



71.8860, 9.4232, -35.8570



81.5230, 13.5462, -4.8437



82.3730, -5.6069, 25.1059



78.5690, -13.0985, 1.2550

Rectangle

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



71.8860, 9.4232, -35.8570



76.0750, 16.2320, -26.3758



82.3730, -5.6069, 25.1059



81.1410, -13.8735, 16.5393

Sweetspot

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



71.8860, 9.4232, -35.8570



110.1230, 3.3904, -14.1399



66.4480, -16.4899, -31.0879



54.2270, 2.3531, -8.0921



186.0000, 0.0000, 0.0000



59.0000, 0.0000, 0.0000

Same Dimension

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



71.8860, 9.4232, -35.8570



87.7310, 14.4296, -55.0151



54.2760, 18.1049, -20.4131



44.5050, 0.7370, -3.0739



74.7620, 17.3723, -65.5663



161.4410, 37.2506, -141.5838

Inverse Universe

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



55.5520, 16.4899, 31.0879



62.6540, 25.3136, 47.6614



67.7240, -18.1049, 20.4131



43.0650, 1.4470, 2.5740



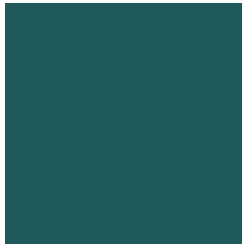
44.9740, 30.0858, 57.0278



96.9690, 65.0913, 122.8072

Previews

White Background



This preview shows how the YUV color 71.8860, 9.4232, -35.8570 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 71.8860, 9.4232, -35.8570 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

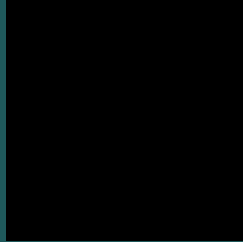
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

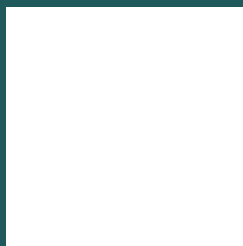
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 71.8860, 9.4232, -35.8570

Background



This preview shows how black text looks on a background with the YUV color 71.8860, 9.4232, -35.8570.



This preview shows how white text looks on a background with the YUV color 71.8860, 9.4232, -35.8570.

-35.8570.

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

71.8860, 9.4232, -35.8570

Protanopia

80.8690, 2.0366, 0.1149

Deuteranopia

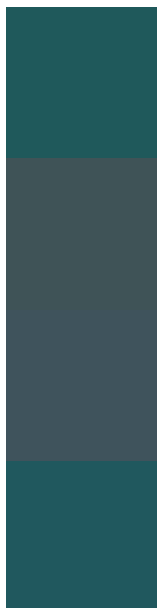
81.4930, 5.6730, 0.4446



Tritanopia

72.3530, 11.1650, -34.5126

Trichromacy



Original Color

71.8860, 9.4232, -35.8570

Protanomaly

77.4760, 4.6953, -12.6955

Deuteranomaly

78.0460, 6.8793, -13.1953

Tritanomaly

71.9400, 10.8756, -35.0274

Monochromacy



Original Color

71.8860, 9.4232, -35.8570

Achromatopsia

72.0000, 0.0000, 0.0000

Achromatomaly

71.8350, 3.5323, -13.0103

CSS Examples

Text

The CSS property to change the color of the text to YUV 71.8860, 9.4232, -35.8570 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(31, 89, 91)` looks like.

```
.text, #text, p{  
    color:rgb(31, 89, 91)  
}
```

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(31, 89, 91) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(31, 89, 91) }
```

Border

The CSS property to change the border of an element to YUV 71.8860, 9.4232, -35.8570 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(31, 89, 91) }
```


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

```
.border{ border-color:rgb(31, 89, 91) }
```

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

Here you see how a box with a 4 pixel `rgb(31, 89, 91)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(31, 89, 91); -webkit-box-  
shadow:4px 4px 4px 4px rgb(31, 89, 91);  
box-shadow:4px 4px 4px 4px rgb(31, 89, 91)  
}
```

Background

The CSS property to change the background color of an element to YUV 71.8860, 9.4232, -35.8570 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(31, 89, 91) }
```

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

```
.background{ background-color: rgb(31, 89,  
91) }
```

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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