

Converting Colors

YUV(73.1740, 9.2812, -36.9866)

Have a look what the booklet for
YUV(73.1740, 9.2812, -36.9866)
contains.

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Color

**YUV(73.1740, 9.2812,
-36.9866)**

Conversions

Conversions Part 1

Format	Color
Hex	1F5B5C
RGB	31, 91, 92
RGB Percent	12%, 36%, 36%
CMY	0.8784, 0.6431, 0.6392
CMYK	0.66, 0.01, 0.00, 0.64
HSL	181°, 50%, 24%
HSV	181°, 66%, 36%
XYZ	6.2379, 8.5462, 11.4460
YIQ	73.1740, -36.0810, -12.4090

Conversions

Conversions Part 2

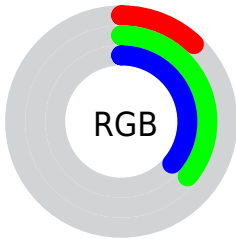
Format	Color
R_{YB}	31, 61, 92
Decimal	2055004
CIE Lab	35.10, -18.56, -6.29
CIE LCh	35, 19.594, 198.740
Yxy	8.5462, 0.2378, 0.3258
Android (android.graphics.Color)	4280245084 (0xFF1F5B5C)
YUV	73.1740, 9.2812, -36.9866
Hunter-Lab	29.2339, -13.0709, -2.7503




Details

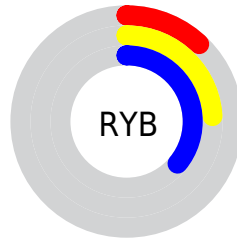
The YUV color **73.1740, 9.2812, -36.9866** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **49.8260, -9.2812, 36.9866**, and the grayscale version is **73.0000, 0.0000, 0.0000**.




A 20% lighter version of the original color is **124.0710, 8.8390, -35.1423**, and **31.6590, 7.0701, -27.7649** is the 20% darker color. If you saturate the color by 10%, you get **70.4830, 10.6079, -42.5196**, and if you desaturate by 10%, it is **75.8650, 7.9546, -31.4536**.

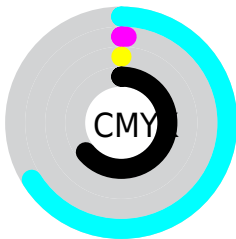
Distribution







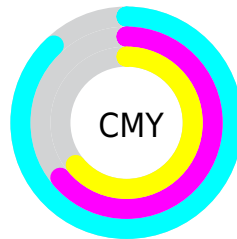
-  Red (12%)
-  Green (36%)
-  Blue (36%)






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



-  Cyan (66%)
-  Magenta (1%)
-  Yellow (0%)
-  Black (64%)



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

Brightness & Saturation Gradients

These gradients show how the YUV color 73.1740, 9.2812, -36.9866 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 73.1740, 9.2812, -36.9866 by changing the saturation by 10% instead.

■ 73.1740, 9.2812,
-36.9866

■ 73.1740, 9.2812,
-36.9866

■ 255.0000, 0.0000,
0.0000

■ 47.1950, 10.7499,
-41.3900

■ 124.0710, 8.8390,
-35.1423

■ 31.6590, 7.0701,
-27.7649

■ 150.7720, 8.9864,
-35.7570

■ 18.2260, 3.8326,
-15.9842

■ 177.7720, 8.9864,
-35.7570

■ 0.0000, 0.0000,
0.0000

■ 205.4730, 9.1338,
-36.3718

■ 234.0600, 8.8444,
-36.8866

■ 244.8340, 5.0118,

-20.9024

253.5050, 0.7370,
-3.0739

73.1740, 9.2812,
-36.9866

73.1740, 9.2812,
-36.9866

70.4830, 10.6079,
-42.5196

75.8650, 7.9546,
-31.4536

67.7920, 11.9345,
-48.0526

78.5560, 6.6279,
-25.9206

64.8020, 13.4086,
-54.2004

81.5460, 5.1538,
-19.7728

63.3180, 14.1402,
-55.5299

84.8240, 3.5378,
-14.7546

87.5150, 2.2111,
-9.2217

■ 90.2060, 0.8844,
-3.6887

■ 92.8970, -0.4422,
1.8443

■ 95.8870, -1.9163,
7.9921

■ 98.5780, -3.2430,
13.5251

Harmonies

Analogous

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



76.1340, -0.0661, -25.5505



73.1740, 9.2812, -36.9866



73.8950, 15.8278, -36.7419

Triad

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



73.1740, 9.2812, -36.9866



84.7700, 8.9874, 10.7257



82.4890, -15.0311, 14.4801

Complementary

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



73.1740, 9.2812, -36.9866



49.8260, -9.2812, 36.9866

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.



82.8690, -11.2744, 22.9169



73.1740, 9.2812, -36.9866



84.4140, 2.2609, 21.5619

Square

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



73.1740, 9.2812, -36.9866



83.0390, 14.2778, -6.1732



84.0850, -5.4649, 26.2355



80.7540, -13.6827, 1.9697

Rectangle

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



73.1740, 9.2812, -36.9866



76.8790, 16.8217, -28.8349



84.0850, -5.4649, 26.2355



82.7390, -14.1683, 17.7689

Sweetspot

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



73.1740, 9.2812, -36.9866



112.2370, 3.8272, -14.2398



66.8070, -17.6529, -31.4027



56.8140, 2.0637, -8.6069



189.0000, 0.0000, 0.0000



61.0000, 0.0000, 0.0000

Same Dimension

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



73.1740, 9.2812, -36.9866



90.1220, 14.7299, -57.9890



55.5640, 17.9629, -21.5426



44.5050, 0.7370, -3.0739



75.9360, 16.7936, -66.5959



163.7890, 36.0930, -143.6430

Inverse Universe

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



56.0790, 17.2161, 31.5027



63.4200, 26.9079, 49.6207



66.8490, -17.6736, 22.0574



43.0650, 1.4470, 2.5740



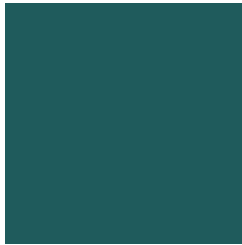
45.2020, 30.9594, 56.8278



97.4250, 66.8385, 122.4073

Previews

White Background



This preview shows how the YUV color 73.1740, 9.2812, -36.9866 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 73.1740, 9.2812, -36.9866 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

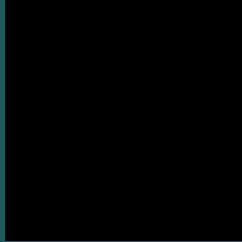
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 73.1740, 9.2812, -36.9866

Background



This preview shows how black text looks on a background with the YUV color 73.1740, 9.2812, -36.9866.



This preview shows how white text looks on a background with the YUV color 73.1740, 9.2812, -36.9866.

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

73.1740, 9.2812, -36.9866

Protanopia

82.4560, 1.7472, -0.3999

Deuteranopia

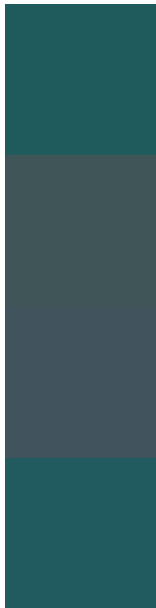
82.7920, 5.5255, 1.0594



Tritanopia

74.0540, 11.3124, -35.1274

Trichromacy



Original Color

73.1740, 9.2812, -36.9866

Protanomaly

78.7640, 4.5533, -13.8250

Deuteranomaly

79.3450, 6.7319, -12.5806

Tritanomaly

73.5270, 10.5862, -35.5422

Monochromacy



Original Color

73.1740, 9.2812, -36.9866

Achromatopsia

73.0000, 0.0000, 0.0000

Achromatomaly

73.4220, 3.2430, -13.5251

CSS Examples

Text

The CSS property to change the color of the text to YUV 73.1740, 9.2812, -36.9866 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, 91, 92)` looks like.

```
.text, #text, p{  
    color:rgb(31, 91, 92)  
}
```

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, 91, 92) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(31, 91, 92) }
```

Border

The CSS property to change the border of an element to YUV 73.1740, 9.2812, -36.9866 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, 91, 92) }
```


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

```
.border{ border-color:rgb(31, 91, 92) }
```

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

Here you see how a box with a 4 pixel rgb(31, 91, 92) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(31, 91, 92); -webkit-box-  
shadow:4px 4px 4px 4px rgb(31, 91, 92);  
box-shadow:4px 4px 4px 4px rgb(31, 91, 92)  
}
```

Background

The CSS property to change the background color of an element to YUV 73.1740, 9.2812, -36.9866 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(31, 91, 92) }
```

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

```
.background{ background-color: rgb(31, 91,  
92) }
```

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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