

Converting Colors

YUV(73.7380, 13.9332,
-35.7272)

Have a look what the booklet for
YUV(73.7380, 13.9332, -35.7272)
contains.

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Color

**YUV(73.7380, 13.9332,
-35.7272)**

Conversions

Conversions Part 1

Format	Color
Hex	215966
RGB	33, 89, 102
RGB Percent	13%, 35%, 40%
CMY	0.8706, 0.6510, 0.6000
CMYK	0.68, 0.13, 0.00, 0.60
HSL	191°, 51%, 26%
HSV	191°, 68%, 40%
XYZ	6.5979, 8.4274, 13.8493
YIQ	73.7380, -37.5490, -7.8290

Conversions

Conversions Part 2

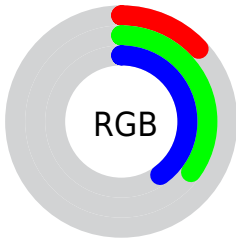
Format	Color
R_YB	33, 64, 102
Decimal	2185574
CIE Lab	34.86, -13.72, -12.90
CIE LCh	35, 18.832, 223.220
Yxy	8.4274, 0.2285, 0.2919
Android (android.graphics.Color)	4280375654 (0xFF215966)
YUV	73.7380, 13.9332, -35.7272
Hunter-Lab	29.0300, -10.2335, -7.9644




Details

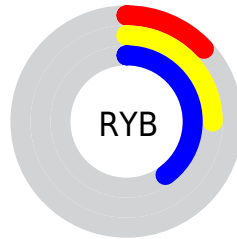
The YUV color **73.7380, 13.9332, -35.7272** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **61.2620, -13.9332, 35.7272**, and the grayscale version is **74.0000, 0.0000, 0.0000**.




A 20% lighter version of the original color is **124.7490, 13.9277, -33.9829**, and **31.5110, 11.5801, -27.6351** is the 20% darker color. If you saturate the color by 10%, you get **69.5740, 15.9860, -40.8454**, and if you desaturate by 10%, it is **77.9020, 11.8803, -30.6091**.

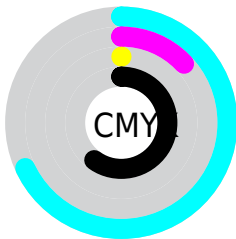
Distribution







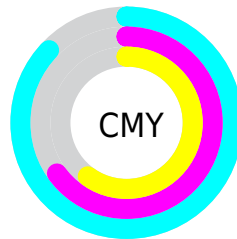
-  Red (13%)
-  Green (35%)
-  Blue (40%)






-  Red (13%)
-  Yellow (25%)
-  Blue (40%)



-  Cyan (68%)
-  Magenta (13%)
-  Yellow (0%)
-  Black (60%)



-  Cyan (87%)
-  Magenta (65%)
-  Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the YUV color 73.7380, 13.9332, -35.7272 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 73.7380, 13.9332, -35.7272 by changing the saturation by 10% instead.

■ 73.7380, 13.9332,
-35.7272

■ 73.7380, 13.9332,
-35.7272

■ 255.0000, 0.0000,
0.0000

■ 47.6340, 14.9704,
-41.7750

■ 124.7490, 13.9277,
-33.9829

■ 31.5110, 11.5801,
-27.6351

■ 151.1620, 14.2171,
-33.4681

■ 17.9640, 7.9057,
-15.7544

■ 178.7490, 13.9277,
-33.9829

■ 1.1400, 4.3680,
-0.9998

■ 206.5640, 14.5119,
-34.6976

■ 0.0000, 0.0000,
0.0000

■ 233.5380, 10.5808,
-33.7978

■ 245.4320, 4.7170,

-19.6729

254.4020, 0.2948,
-1.2296

■ 73.7380, 13.9332,
-35.7272

■ 73.7380, 13.9332,
-35.7272

■ 69.5740, 15.9860,
-40.8454

■ 77.9020, 11.8803,
-30.6091

■ 65.4100, 18.0389,
-45.9636

■ 82.0660, 9.8275,
-25.4909

■ 60.9470, 20.2391,
-51.6965

■ 86.5290, 7.6272,
-19.7579

■ 60.3490, 20.5339,
-52.9261

■ 90.6930, 5.5744,
-14.6398

■ 94.8570, 3.5215,
-9.5216

■ 99.0210, 1.4686,
-4.4034

■ 102.5980, -0.2948,
1.2296

■ 107.0610, -2.4951,
6.9625

■ 111.2250, -4.5479,
12.0807

Harmonies

Analogous

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



73.6260, 7.0864, -32.9980



73.7380, 13.9332, -35.7272



77.6730, 15.9372, -25.1462

Triad

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



73.7380, 13.9332, -35.7272



84.3320, 3.2873, 19.0028



80.4770, -13.5462, 4.8437

Complementary

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



73.7380, 13.9332, -35.7272



61.2620, -13.9332, 35.7272

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.



81.7280, -14.1629, 16.0245



73.7380, 13.9332, -35.7272



83.8290, -3.8597, 24.7060

Square

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



73.7380, 13.9332, -35.7272



83.9760, 9.8718, 7.0370



82.5100, -10.1114, 23.2317



78.5400, -9.1402, -8.3666

Rectangle

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



73.7380, 13.9332, -35.7272



80.6250, 15.4679, -14.5801



82.5100, -10.1114, 23.2317



81.2710, -14.4306, 8.5323

Sweetspot

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



73.7380, 13.9332, -35.7272



121.9920, 5.4269, -14.0250



74.9850, -14.2896, -36.8208



59.4550, 3.2267, -8.2920



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.



73.7380, 13.9332, -35.7272



88.3810, 21.9972, -55.5851



53.7800, 23.7725, -18.2241



48.9180, 1.0264, -2.5591



67.7010, 23.3184, -59.3738



143.2270, 48.6951, -125.6101

Inverse Universe

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



60.0150, 14.2896, 36.8208



67.2100, 22.0815, 57.6978



81.2200, -23.7725, 18.2241



47.9510, 1.0102, 2.6740



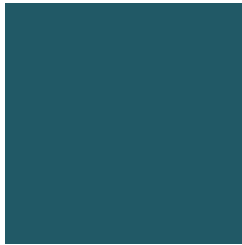
44.9870, 23.6704, 61.4014



94.8160, 50.3767, 129.0804

Previews

White Background



This preview shows how the YUV color 73.7380, 13.9332, -35.7272 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 73.7380, 13.9332, -35.7272 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

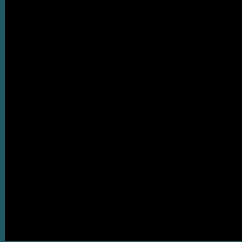
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 73.7380, 13.9332, -35.7272

Background



This preview shows how black text looks on a background with the YUV color 73.7380, 13.9332, -35.7272.



This preview shows how white text looks on a background with the YUV color 73.7380, 13.9332,

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

73.7380, 13.9332, -35.7272

Protanopia

82.1120, 6.8468, -2.7292

Deuteranopia

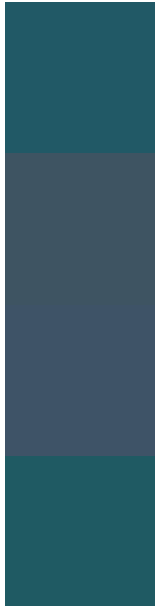
82.1380, 10.7780, -3.6290



Tritanopia

72.8580, 11.9020, -37.5865

Trichromacy



Original Color

73.7380, 13.9332, -35.7272

Protanomaly

79.0180, 9.3581, -14.9248

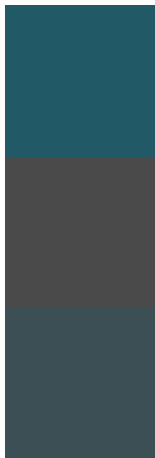
Deuteranomaly

79.0010, 11.8315, -14.9099

Tritanomaly

73.3850, 12.6282, -37.1716

Monochromacy



Original Color

73.7380, 13.9332, -35.7272

Achromatopsia

74.0000, 0.0000, 0.0000

Achromatomaly

73.5900, 5.1321, -12.7954

CSS Examples

Text

The CSS property to change the color of the text to YUV 73.7380, 13.9332, -35.7272 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(33, 89, 102)` looks like.

```
.text, #text, p{  
    color:rgb(33, 89, 102)  
}
```

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(33, 89, 102) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(33, 89, 102) }
```

Border

The CSS property to change the border of an element to YUV 73.7380, 13.9332, -35.7272 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(33, 89, 102) }
```


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

```
.border{ border-color:rgb(33, 89, 102) }
```

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

Here you see how a box with a 4 pixel rgb(33, 89, 102) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(33, 89, 102); -webkit-box-  
shadow:4px 4px 4px 4px rgb(33, 89, 102);  
box-shadow:4px 4px 4px 4px rgb(33, 89,  
102) }
```

Background

The CSS property to change the background color of an element to YUV 73.7380, 13.9332, -35.7272 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(33, 89, 102) }
```

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

```
.background{ background-color: rgb(33, 89,  
102) }
```

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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