

Converting Colors

YUV(70.7400, 7.5232, -33.0980)

Have a look what the booklet for
YUV(70.7400, 7.5232, -33.0980)
contains.

| | |
|--|----|
| YUV(70.7400, 7.5232, -33.0980) | 3 |
| <i>Conversions</i> | 4 |
| <i>Details</i> | 6 |
| <i>Harmonies</i> | 12 |
| <i>Previews</i> | 24 |
| <i>Color Blindness Simulation</i> | 28 |
| <i>CSS Examples</i> | 31 |

Color

**YUV(70.7400, 7.5232,
-33.0980)**

Conversions

Conversions Part 1

| Format | Color |
|---------------|-----------------------------|
| Hex | 215756 |
| RGB | 33, 87, 86 |
| RGB Percent | 13%, 34%, 34% |
| CMY | 0.8706, 0.6588, 0.6627 |
| CMYK | 0.62, 0.00, 0.01, 0.66 |
| HSL | 179°, 45%, 24% |
| HSV | 179°, 62%, 34% |
| XYZ | 5.7151, 7.8116, 10.0107 |
| YIQ | 70.7400, -31.8630, -11.7590 |

Conversions

Conversions Part 2

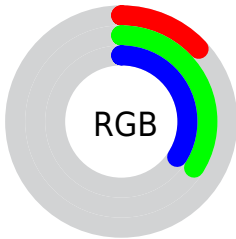
| Format | Color |
|-------------------------------------|-------------------------------|
| R_{YB} | 33, 60, 87 |
| Decimal | 2185046 |
| CIE _{Lab} | 33.59, -17.85, -4.77 |
| CIE _{LCh} | 34, 18.482, 194.963 |
| Yxy | 7.8116, 0.2428, 0.3319 |
| Android (android.graphics.Color) | 4280375126 (0xFF215756) |
| YUV | 70.7400, 7.5232, -33.0980 |
| Hunter-Lab | 27.9493, -12.4112, -1.6716 |

Details

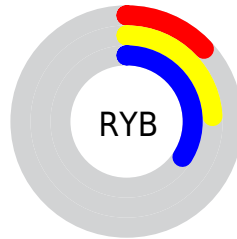
The YUV color **70.7400, 7.5232, -33.0980** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **49.2600, -7.5232, 33.0980**, and the grayscale version is **71.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **121.0390, 7.3758, -32.4832**, and **28.7410, 6.0437, -25.2059** is the 20% darker color. If you saturate the color by 10%, you get **68.0490, 8.8498, -38.6310**, and if you desaturate by 10%, it is **73.4310, 6.1965, -27.5650**.

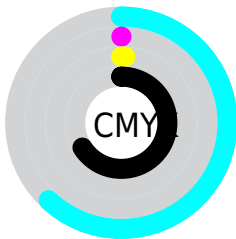
Distribution



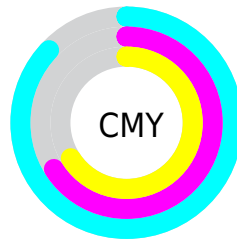
- Red (13%)
- Green (34%)
- Blue (34%)



- Red (13%)
- Yellow (24%)
- Blue (34%)



- Cyan (62%)
- Magenta (0%)
- Yellow (1%)
- Black (66%)



- Cyan (87%)
- Magenta (66%)
- Yellow (66%)

Brightness & Saturation Gradients

These gradients show how the YUV color 70.7400, 7.5232, -33.0980 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 70.7400, 7.5232, -33.0980 by changing the saturation by 10% instead.

■ 70.7400, 7.5232,
-33.0980

■ 70.7400, 7.5232,
-33.0980

■ 255.0000, 0.0000,
0.0000

■ 44.4620, 9.1392,
-38.1162

■ 121.0390, 7.3758,
-32.4832

■ 28.7410, 6.0437,
-25.2059

■ 147.0390, 7.3758,
-32.4832

■ 15.3080, 2.8062,
-13.4251

■ 174.6260, 7.0864,
-32.9980

■ 0.0000, 0.0000,
0.0000

■ 202.3270, 7.2338,
-33.6128

■ 230.3270, 7.2338,
-33.6128

■ 244.5350, 5.1592,

-21.5172

253.2060, 0.8844,
-3.6887

70.7400, 7.5232,
-33.0980

70.7400, 7.5232,
-33.0980

68.0490, 8.8498,
-38.6310

73.4310, 6.1965,
-27.5650

65.6570, 10.0291,
-43.5492

75.8230, 5.0173,
-22.6468

62.9660, 11.3558,
-49.0822

78.5140, 3.6906,
-17.1138

60.7590, 11.9508,
-53.2856

81.3190, 2.8007,
-11.6808

84.0100, 1.4741,
-6.1478

■ 86.4020, 0.2948,
-1.2296

■ 89.0930, -1.0318,
4.3034

■ 91.7840, -2.3585,
9.8364

■ 94.1760, -3.5378,
14.7546

Harmonies

Analogous

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



72.9280, -0.9505, -21.8619



70.7400, 7.5232, -33.0980



71.0370, 13.7858, -35.1124

Triad

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



70.7400, 7.5232, -33.0980



81.1610, 9.2876, 7.7518



79.1300, -13.8681, 14.7950

Complementary

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



70.7400, 7.5232, -33.0980



49.2600, -7.5232, 33.0980

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.



79.7980, -10.2534, 22.1022



70.7400, 7.5232, -33.0980



81.2180, 2.8505, 19.1028

Square

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



70.7400, 7.5232, -33.0980



78.9140, 13.8464, -7.8176



80.4160, -4.1491, 24.1912



77.1780, -13.3988, 4.2289

Rectangle

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



70.7400, 7.5232, -33.0980



73.5370, 15.5113, -28.5349



80.4160, -4.1491, 24.1912



79.0810, -12.8579, 17.4690

Sweetspot

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



70.7400, 7.5232, -33.0980



105.7210, 3.0955, -12.9103



65.2960, -15.9219, -26.5696



52.1130, 1.9163, -7.9921



184.0000, 0.0000, 0.0000



56.0000, 0.0000, 0.0000

Same Dimension

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



70.7400, 7.5232, -33.0980



87.0690, 11.7980, -50.9265



56.1790, 15.1948, -20.3280



41.8040, 0.5896, -2.4591



74.7790, 14.8990, -65.5812



164.1650, 32.4567, -143.9727

Inverse Universe

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



49.2600, -7.5232, 33.0980



54.0450, -11.3612, 50.8265



63.8210, -15.1948, 20.3280



40.1960, -0.5896, 2.4591



32.2210, -14.8990, 65.5812



70.7210, -32.8935, 144.0727

Previews

White Background



This preview shows how the YUV color 70.7400, 7.5232, -33.0980 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 70.7400, 7.5232, -33.0980 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

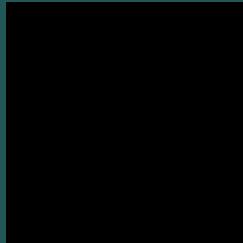
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 70.7400, 7.5232, -33.0980

Background



This preview shows how black text looks on a background with the YUV color 70.7400, 7.5232, -33.0980.



This preview shows how white text looks on a background with the YUV color 70.7400, 7.5232, -33.0980.

-33.0980.

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

70.7400, 7.5232, -33.0980

Protanopia

78.6410, 1.1630, 0.3148

Deuteranopia

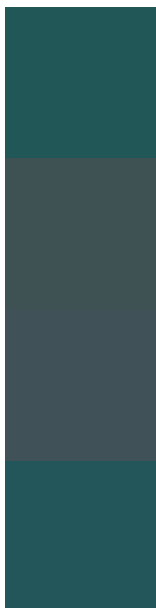
79.7490, 4.0677, 1.9741



Tritanopia

71.8480, 10.4279, -31.4387

Trichromacy



Original Color

70.7400, 7.5232, -33.0980

Protanomaly

75.5470, 3.6743, -11.8807

Deuteranomaly

76.6010, 5.1267, -11.0511

Tritanomaly

71.2070, 9.2649, -31.7535

Monochromacy



Original Color

70.7400, 7.5232, -33.0980

Achromatopsia

71.0000, 0.0000, 0.0000

Achromatomaly

70.9060, 2.5113, -12.1956

CSS Examples

Text

The CSS property to change the color of the text to YUV 70.7400, 7.5232, -33.0980 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, 87, 86)` looks like.

```
.text, #text, p{  
    color:rgb(33, 87, 86)  
}
```

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, 87, 86) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(33, 87, 86) }
```

Border

The CSS property to change the border of an element to YUV 70.7400, 7.5232, -33.0980 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, 87, 86) }
```


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

```
.border{ border-color:rgb(33, 87, 86) }
```

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

Here you see how a box with a 4 pixel `rgb(33, 87, 86)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(33, 87, 86); -webkit-box-  
shadow:4px 4px 4px 4px rgb(33, 87, 86);  
box-shadow:4px 4px 4px 4px rgb(33, 87, 86)  
}
```

Background

The CSS property to change the background color of an element to YUV 70.7400, 7.5232, -33.0980 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(33, 87, 86) }
```

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

```
.background{ background-color: rgb(33, 87,  
86) }
```

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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