

Converting Colors

YUV(66.7980, 33.1306,
-33.1488)

Have a look what the booklet for
YUV(66.7980, 33.1306, -33.1488)
contains.

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Color

**YUV(66.7980, 33.1306,
-33.1488)**

Conversions

Conversions Part 1

Format	Color
Hex	1D4986
RGB	29, 73, 134
RGB Percent	11%, 29%, 53%
CMY	0.8863, 0.7137, 0.4745
CMYK	0.78, 0.46, 0.00, 0.47
HSL	215°, 64%, 32%
HSV	215°, 78%, 53%
XYZ	7.1923, 6.7475, 23.4776
YIQ	66.7980, -45.8050, 9.6430

Conversions

Conversions Part 2

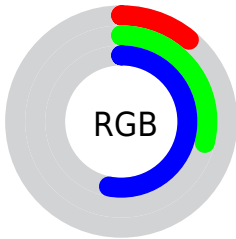
Format	Color
RYB	29, 60, 134
Decimal	1919366
CIELab	31.23, 7.93, -38.51
CIELCh	31, 39.315, 281.635
Yxy	6.7475, 0.1922, 0.1803
Android (android.graphics.Color)	4280109446 (0xFF1D4986)
YUV	66.7980, 33.1306, -33.1488
Hunter-Lab	25.9760, 3.9656, -35.4042




Details

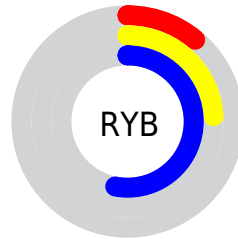
The YUV color **66.7980, 33.1306, -33.1488** is a dark color, and the websafe version is hex **003366**. A complement of this color would be **96.2020, -33.1306, 33.1488**, and the grayscale version is **67.0000, 0.0000, 0.0000**.




A 20% lighter version of the original color is **119.0700, 33.9825, -26.3714**, and **27.1860, 28.0093, -23.8421** is the 20% darker color. If you saturate the color by 10%, you get **58.2150, 37.3620, -37.0226**, and if you desaturate by 10%, it is **75.3810, 28.8992, -29.2751**.

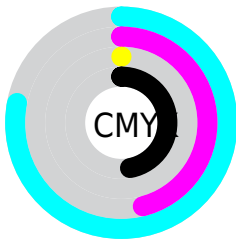
Distribution







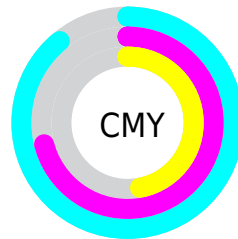
-  Red (11%)
-  Green (29%)
-  Blue (53%)






-  Red (11%)
-  Yellow (24%)
-  Blue (53%)



-  Cyan (78%)
-  Magenta (46%)
-  Yellow (0%)
-  Black (47%)



-  Cyan (89%)
-  Magenta (71%)
-  Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the YUV color 66.7980, 33.1306, -33.1488 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 66.7980, 33.1306, -33.1488 by changing the saturation by 10% instead.

■ 66.7980, 33.1306,
-33.1488

■ 66.7980, 33.1306,
-33.1488

■ 255.0000, 0.0000,
0.0000

■ 42.2490, 32.4152,
-37.0524

■ 119.0700, 33.9825,
-26.3714

■ 27.1860, 28.0093,
-23.8421

■ 145.8960, 34.5613,
-25.3418

■ 9.1880, 25.0503,
-8.0579

■ 172.7220, 35.1401,
-24.3122

■ 5.5060, 16.0195,
-4.8288

■ 198.1970, 28.0039,
-22.0978

■ 2.1830, 5.8258,
-1.9145

■ 223.3040, 15.6261,
-18.6836

■ 0.0000, 0.0000,
0.0000

■ 247.8240, 3.5378,

-14.7546

■ 66.7980, 33.1306,
-33.1488

■ 66.7980, 33.1306,
-33.1488

■ 58.2150, 37.3620,
-37.0226

■ 75.3810, 28.8992,
-29.2751

■ 49.3330, 41.7408,
-41.5110

■ 84.2630, 24.5203,
-24.7867

■ 48.1480, 42.3250,
-42.2258

■ 92.2590, 20.5783,
-20.3981

■ 101.1410, 16.1995,
-15.9097

■ 109.7240, 11.9681,
-12.0359

■ 118.3070, 7.7366,
-8.1622

■ 126.6020, 3.6472,
-3.1590

■ 135.1850, -0.5842,
0.7148

■ 144.0670, -4.9630,
5.2032

Harmonies

Analogous

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



63.1820, 33.9273, -55.4106



66.7980, 33.1306, -33.1488



75.8100, 21.7857, 12.4446

Triad

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



66.7980, 33.1306, -33.1488



70.8780, -18.1809, 44.8340



57.1110, -2.0267, -50.0863

Complementary

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



66.7980, 33.1306, -33.1488



96.2020, -33.1306, 33.1488

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.



64.3140, -19.8748, -18.6924



66.7980, 33.1306, -33.1488



70.2770, -30.2096, 29.5751

Square

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



66.7980, 33.1306, -33.1488



70.9940, -3.9410, 50.8713



68.2760, -32.1811, 8.5279



61.3460, 11.6614, -53.8004

Rectangle

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



66.7980, 33.1306, -33.1488



75.1670, 13.7217, 32.3025



68.2760, -32.1811, 8.5279



55.3840, -6.1053, -48.5718

Sweetspot

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



66.7980, 33.1306, -33.1488



146.6530, 12.9891, -12.8507



97.3610, -4.6150, -59.9526



70.7200, 8.0260, -7.6474



214.0000, 0.0000, 0.0000



87.0000, 0.0000, 0.0000

Same Dimension

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



66.7980, 33.1306, -33.1488



69.0850, 51.2301, -51.8175



43.0630, 44.8319, -6.1943



61.8580, 2.0420, -1.6295



46.5180, 41.1566, -40.7963



0.9290, 1.0210, -0.8147

Inverse Universe

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



65.4110, 3.7414, 60.1526



66.6030, 6.1117, 93.3102



119.9370, -44.8319, 6.1943



62.0220, -0.0108, 3.4887



45.0260, 4.4242, 74.5222



1.0110, -0.0054, 1.7444

Previews

White Background



This preview shows how the YUV color 66.7980, 33.1306, -33.1488 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 66.7980, 33.1306, -33.1488 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 66.7980, 33.1306, -33.1488

Background



This preview shows how black text looks on a background with the YUV color 66.7980, 33.1306, -33.1488.



This preview shows how white text looks on a background with the YUV color 66.7980, 33.1306, -33.1488.

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

66.7980, 33.1306, -33.1488

Protanopia

69.8810, 30.6247, -22.6976

Deuteranopia

59.0730, 35.9530, -51.8070



Tritanopia

58.0520, 14.2714, -50.9116

Trichromacy



Original Color

66.7980, 33.1306, -33.1488

Protanomaly

69.0870, 31.5091, -26.3863

Deuteranomaly

61.8890, 35.0577, -44.6297

Tritanomaly

61.5180, 20.9436, -44.3043

Monochromacy



Original Color

66.7980, 33.1306, -33.1488

Achromatopsia

67.0000, 0.0000, 0.0000

Achromatomaly

66.7240, 11.9681, -12.0359

CSS Examples

Text

The CSS property to change the color of the text to YUV 66.7980, 33.1306, -33.1488 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(29, 73, 134)` looks like.

```
.text, #text, p{  
    color:rgb(29, 73, 134)  
}
```

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(29, 73, 134) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(29, 73, 134) }
```

Border

The CSS property to change the border of an element to YUV 66.7980, 33.1306, -33.1488 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(29, 73, 134) }
```


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

```
.border{ border-color:rgb(29, 73, 134) }
```

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

Here you see how a box with a 4 pixel rgb(29, 73, 134) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(29, 73, 134); -webkit-box-  
shadow:4px 4px 4px 4px rgb(29, 73, 134);  
box-shadow:4px 4px 4px 4px rgb(29, 73,  
134) }
```

Background

The CSS property to change the background color of an element to YUV 66.7980, 33.1306, -33.1488 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(29, 73, 134) }
```

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

```
.background{ background-color: rgb(29, 73,  
134) }
```

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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