

Converting Colors

YUV(146.9790, -1.9616,
-71.0186)

Have a look what the booklet for
YUV(146.9790, -1.9616, -71.0186)
contains.

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Color

**YUV(146.9790, -1.9616,
-71.0186)**

Conversions

Conversions Part 1

Format	Color
Hex	42BD8F
RGB	66, 189, 143
RGB Percent	26%, 74%, 56%
CMY	0.7412, 0.2588, 0.4392
CMYK	0.65, 0.00, 0.24, 0.26
HSL	158°, 48%, 50%
HSV	158°, 65%, 74%
XYZ	25.4023, 39.5366, 32.2791
YIQ	146.9790, -58.5420, -40.3820

Conversions

Conversions Part 2

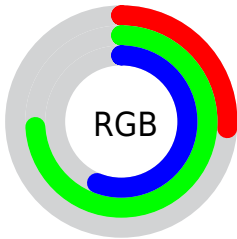
Format	Color
RYB	66, 142, 189
Decimal	4373903
CIELab	69.14, -44.91, 13.43
CIELCh	69, 46.873, 163.347
Yxy	39.5366, 0.2613, 0.4067
Android (android.graphics.Color)	4282563983 (0xFF42BD8F)
YUV	146.9790, -1.9616, -71.0186
Hunter-Lab	62.8781, -37.9241, 13.5776

Details

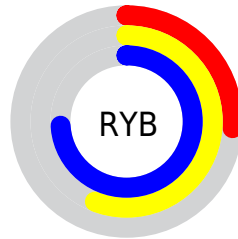
The YUV color **146.9790, -1.9616, -71.0186** is a dark color, and the websafe version is hex **66CC99**. A complement of this color would be **108.0210, 1.9616, 71.0186**, and the grayscale version is **147.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **204.8330, -3.8617, -68.2595**, and **89.8470, 1.5544, -78.7958** is the 20% darker color. If you saturate the color by 10%, you get **140.5000, -2.2185, -81.9995**, and if you desaturate by 10%, it is **153.4580, -1.7048, -60.0377**.

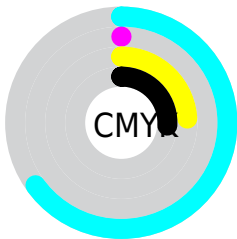
Distribution



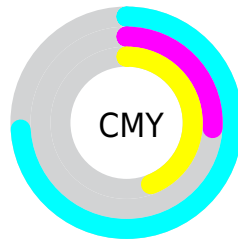
- Red (26%)
- Green (74%)
- Blue (56%)



- Red (26%)
- Yellow (56%)
- Blue (74%)



- Cyan (65%)
- Magenta (0%)
- Yellow (24%)
- Black (26%)



- Cyan (74%)
- Magenta (26%)
- Yellow (44%)

Brightness & Saturation Gradients


These gradients show how the YUV color 146.9790, -1.9616, -71.0186 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 146.9790, -1.9616, -71.0186 by changing the saturation by 10% instead.

 146.9790, -1.9616,
-71.0186

 146.9790, -1.9616,
-71.0186


255.0000, 0.0000,
0.0000

 115.9180, 0.5334,
-77.9811


 204.8330, -3.8617,
-68.2595

 89.8470, 1.5544,
-78.7958


 221.9790, 1.4894,
-57.8636


 71.8490, -1.4046,
-63.0116


 233.8420, 9.4449,
-42.8344

 53.9650, -3.9267,
-47.3273

 243.0400, 5.8963,
-24.5911

 37.4830, -6.1541,
-32.8726

 252.0100, 1.4741,
-6.1478

 22.3060, -10.9969,
-19.5624

 0.0000, 0.0000,

0.0000

■ 146.9790, -1.9616,
-71.0186

■ 146.9790, -1.9616,
-71.0186

■ 140.5000, -2.2185,
-81.9995

■ 153.4580, -1.7048,
-60.0377

■ 134.0210, -2.4754,
-92.9804

■ 159.9370, -1.4479,
-49.0567

■ 127.5420, -2.7322,
-103.9613

■ 166.4160, -1.1911,
-38.0758

■ 124.3950, -3.1527,
-109.0944

■ 172.8950, -0.9342,
-27.0949

■ 179.3740, -0.6774,
-16.1140

■ 185.5540, -0.2731,
-5.7479

■ 192.0330, -0.0163,
5.2331

■ 198.6260, 0.6774,
16.1140

■ 205.1050, 0.9342,
27.0949

Harmonies

Analogous

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



157.9620, -26.1103, -25.3997



146.9790, -1.9616, -71.0186



133.4350, 26.4075, -117.0225

Triad

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



146.9790, -1.9616, -71.0186



166.7090, 41.5555, -28.6858



168.7680, -27.9866, 63.3475

Complementary

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



146.9790, -1.9616, -71.0186



108.0210, 1.9616, 71.0186

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.



170.6220, -9.6736, 69.6145



146.9790, -1.9616, -71.0186



173.2870, 28.4525, 20.7963

Square

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



146.9790, -1.9616, -71.0186



137.0360, 55.1983, -111.4106



173.0990, 10.3042, 55.1642



166.9490, -39.4149, 42.1407

Rectangle

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



146.9790, -1.9616, -71.0186



135.3390, 38.7799, -118.6923



173.0990, 10.3042, 55.1642



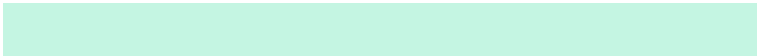
169.2830, -22.3245, 67.2808

Sweetspot

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



146.9790, -1.9616, -71.0186



228.1830, -1.0762, -28.2245



152.2540, -42.5232, -34.4258



112.0750, -0.5300, -16.7288



250.0000, 0.0000, 0.0000



122.0000, 0.0000, 0.0000

Same Dimension

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



146.9790, -1.9616, -71.0186



179.6830, -3.2947, -110.2240



144.0050, 22.1825, -68.4104



90.9670, 0.0163, -5.2331



104.0320, -2.4808, -91.2361



20.3630, -0.6720, -17.8584

Inverse Universe

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



108.0210, 1.9616, 71.0186



119.2030, 2.8579, 110.3240



110.9950, -22.1825, 68.4104



88.0330, -0.0163, 5.2331



53.9680, 2.4808, 91.2361



10.5230, 0.2352, 17.9583

Previews

White Background



This preview shows how the YUV color 146.9790, -1.9616, -71.0186 looks on a white 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

Black Background



This preview shows how the YUV color 146.9790, -1.9616, -71.0186 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

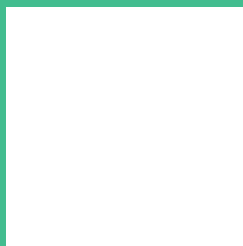
Any Text WCAG AAA ✓ Pass

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

YUV 146.9790, -1.9616, -71.0186 Background



This preview shows how black text looks on a background with the YUV color 146.9790, -1.9616, -71.0186.



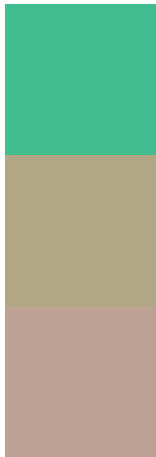
This preview shows how white text looks on a background with the YUV color 146.9790, -1.9616, -71.0186.

-71.0186.

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

146.9790, -1.9616, -71.0186

Protanopia

166.4130, -16.4726, 10.1618

Deuteranopia

168.3030, -9.5164, 19.0283



Tritanopia

155.3050, 20.5556, -59.9035

Trichromacy



Original Color

146.9790, -1.9616, -71.0186



Protanomaly

159.3060, -10.9969, -19.5624



Deuteranomaly

160.4900, -6.6506, -13.5847



Tritanomaly

152.3940, 12.1308, -64.3665

Monochromacy



Original Color

146.9790, -1.9616, -71.0186



Achromatopsia

147.0000, 0.0000, 0.0000



Achromatomaly

147.0200, -0.5029, -25.4505

CSS Examples

Text

The CSS property to change the color of the text to YUV 146.9790, -1.9616, -71.0186 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(66, 189, 143)` looks like.

```
.text, #text, p{  
    color:rgb(66, 189, 143)  
}
```

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(66, 189, 143) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(66, 189, 143) }
```

Border

The CSS property to change the border of an element to YUV 146.9790, -1.9616, -71.0186 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(66, 189, 143) }
```


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

```
.border{ border-color:rgb(66, 189, 143) }
```

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

Here you see how a box with a 4 pixel `rgb(66, 189, 143)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(66, 189, 143); -webkit-box-  
shadow:4px 4px 4px 4px rgb(66, 189, 143);  
box-shadow:4px 4px 4px 4px rgb(66, 189,  
143) }
```

Background

The CSS property to change the background color of an element to YUV 146.9790, -1.9616, -71.0186 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(66, 189, 143) }
```

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

```
.background{ background-color: rgb(66, 189,  
143) }
```

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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