

Converting Colors

YUV(168.0970, 12.7702,
-36.0421)

Have a look what the booklet for
YUV(168.0970, 12.7702, -36.0421)
contains.

YUV(168.0970, 12.7702, -36.0421)	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(168.0970, 12.7702,
-36.0421)**

Conversions

Conversions Part 1

Format	Color
Hex	7FB8C2
RGB	127, 184, 194
RGB Percent	50%, 72%, 76%
CMY	0.5020, 0.2784, 0.2392
CMYK	0.35, 0.05, 0.00, 0.24
HSL	189°, 35%, 63%
HSV	189°, 35%, 76%
XYZ	35.6305, 42.6880, 57.4006
YIQ	168.0970, -37.1820, -8.9740

Conversions

Conversions Part 2

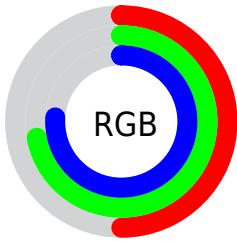
Format	Color
RYB	127, 158, 194
Decimal	8370370
CIELab	71.34, -15.96, -10.97
CIElCh	71, 19.366, 214.521
Yxy	42.6880, 0.2625, 0.3145
Android (android.graphics.Color)	4286560450 (0xFF7FB8C2)
YUV	168.0970, 12.7702, -36.0421
Hunter-Lab	65.3361, -16.9947, -6.3536

Details

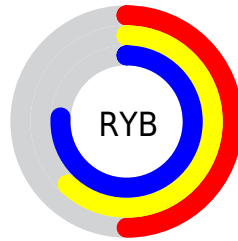
The YUV color **168.0970, 12.7702, -36.0421** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **152.9030, -12.7702, 36.0421**, and the grayscale version is **168.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **223.7980, 12.9176, -36.6568**, and **114.9830, 12.3334, -35.9421** is the 20% darker color. If you saturate the color by 10%, you get **160.6550, 16.4391, -46.1784**, and if you desaturate by 10%, it is **175.5390, 9.1013, -25.9057**.

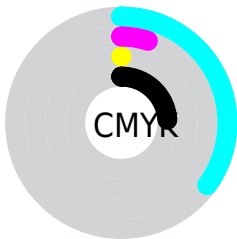
Distribution



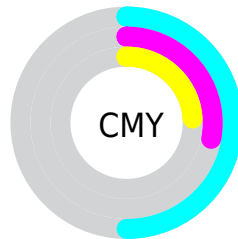
- Red (50%)
- Green (72%)
- Blue (76%)



- Red (50%)
- Yellow (62%)
- Blue (76%)



- Cyan (35%)
- Magenta (5%)
- Yellow (0%)
- Black (24%)



- Cyan (50%)
- Magenta (28%)
- Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the YUV color 168.0970, 12.7702, -36.0421 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 168.0970, 12.7702, -36.0421 by changing the saturation by 10% instead.

■ 168.0970, 12.7702,
-36.0421

■ 168.0970, 12.7702,
-36.0421

■ 255.0000, 0.0000,
0.0000

■ 141.0970, 12.7702,
-36.0421

■ 223.7980, 12.9176,
-36.6568

■ 114.9830, 12.3334,
-35.9421

■ 241.5450, 6.6333,
-27.6650

■ 89.3850, 12.6282,
-37.1716

■ 250.2160, 2.3585,
-9.8364

■ 62.8900, 13.3652,
-40.2455

■ 41.6840, 12.4808,
-36.5569

■ 26.2620, 9.2378,
-23.0318

■ 8.7200, 8.0260,

-7.6474

■ 0.0000, 0.0000,
0.0000

■ 168.0970, 12.7702,
-36.0421

■ 168.0970, 12.7702,
-36.0421

■ 160.6550, 16.4391,
-46.1784

■ 175.5390, 9.1013,
-25.9057

■ 152.9140, 20.2554,
-56.9296

■ 183.2800, 5.2850,
-15.1546

■ 145.4720, 23.9243,
-67.0659

■ 190.7220, 1.6161,
-5.0182

■ 137.7310, 27.7406,
-77.8171

■ 198.4630, -2.2003,
5.7329

■ 130.8760, 31.1201,
-88.4683

■ 205.3180, -5.5798,
16.3841

■ 123.4340, 34.7890,
-98.6046

■ 212.7600, -9.2487,
26.5205

■ 118.9710, 36.9893,
-104.3376

■ 218.1090,
-11.8857, 32.3534

■ 219.8700,
-12.7539, 30.8090

■ 221.6310,
-13.6221, 29.2646

Harmonies

Analogous

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



167.9420, 4.4656, -32.3981



168.0970, 12.7702, -36.0421



170.6940, 17.4059, -29.5496

Triad

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



168.0970, 12.7702, -36.0421



177.7280, 6.0501, 19.5325



173.7120, -16.6200, 10.7766

Complementary

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



168.0970, 12.7702, -36.0421



152.9030, -12.7702, 36.0421

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.



175.9030, -16.2212, 22.8871



168.0970, 12.7702, -36.0421



177.6060, -2.2708, 28.4095

Square

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



168.0970, 12.7702, -36.0421



176.5780, 13.5190, 3.8781



177.0270, -10.8593, 29.7943



171.8240, -13.2242, -5.1076

Rectangle

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



168.0970, 12.7702, -36.0421



172.5750, 17.9575, -19.7983



177.0270, -10.8593, 29.7943



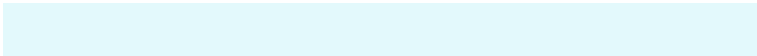
174.3320, -16.9257, 15.4948

Sweetspot

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



168.0970, 12.7702, -36.0421



242.7640, 4.5533, -13.8250



167.3550, -15.4580, -35.3913



121.4550, 3.2267, -8.2920



0.0000, 0.0000, 0.0000



128.0000, 0.0000, 0.0000

Same Dimension

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



168.0970, 12.7702, -36.0421



212.3980, 19.5238, -55.6000



149.3130, 22.0307, -19.5685



92.8360, 2.0529, -5.1182



98.7730, 30.6779, -86.6239



20.1980, 6.3114, -17.7136

Inverse Universe

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



153.5310, 15.0212, 35.4913



189.8290, 23.2553, 54.5240



171.6870, -22.0307, 19.5685



90.9020, 2.0203, 5.3479



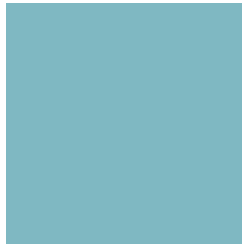
63.7570, 36.1088, 85.2821



13.0590, 7.3659, 17.4883

Previews

White Background



This preview shows how the YUV color 168.0970, 12.7702, -36.0421 looks on a white background.

Color Contrast Check

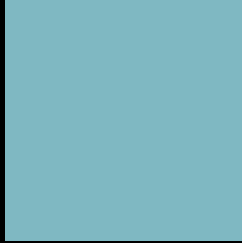
Large Text (above 18pt) WCAG AA × Fail

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 168.0970, 12.7702, -36.0421 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

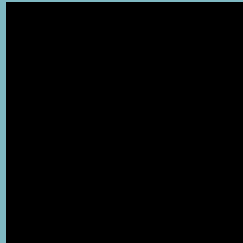
Any Text WCAG AA ✓ Pass

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 168.0970, 12.7702, -36.0421 Background



This preview shows how black text looks on a background with the YUV color 168.0970, 12.7702, -36.0421.



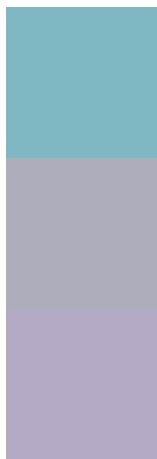
This preview shows how white text looks on a background with the YUV color 168.0970, 12.7702, -36.0421.

-36.0421.

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

168.0970, 12.7702, -36.0421

Protanopia

174.5960, 6.1152, -1.3997

Deuteranopia

176.0680, 10.3195, 3.4484



Tritanopia

168.2650, 14.6594, -35.3124

Trichromacy



Original Color

168.0970, 12.7702, -36.0421

Protanomaly

172.2030, 8.7739, -14.2100

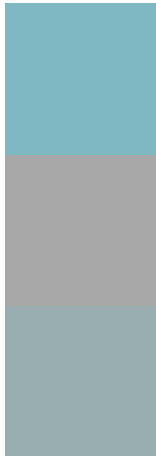
Deuteranomaly

173.2080, 11.2365, -10.7064

Tritanomaly

168.1510, 14.2226, -35.2124

Monochromacy



Original Color

168.0970, 12.7702, -36.0421

Achromatopsia

168.0000, 0.0000, 0.0000

Achromatomaly

168.0630, 4.4059, -13.2103

CSS Examples

Text

The CSS property to change the color of the text to YUV 168.0970, 12.7702, -36.0421 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(127, 184, 194)` looks like.

```
.text, #text, p{  
  color:rgb(127, 184, 194)  
}
```

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(127, 184, 194) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(127, 184, 194) }
```

Border

The CSS property to change the border of an element to YUV 168.0970, 12.7702, -36.0421 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(127, 184, 194) }
```


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

```
.border{ border-color:rgb(127, 184, 194) }
```

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

Here you see how a box with a 4 pixel rgb(127, 184, 194) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(127, 184, 194); -webkit-box-  
shadow:4px 4px 4px 4px rgb(127, 184, 194);  
box-shadow:4px 4px 4px 4px rgb(127, 184,  
194) }
```

Background

The CSS property to change the background color of an element to YUV 168.0970, 12.7702, -36.0421 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(127, 184, 194) }
```

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

```
.background{ background-color: rgb(127,  
184, 194) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor