

Converting Colors

YUV(172.1420, 11.2690,
-21.1725)

Have a look what the booklet for
YUV(172.1420, 11.2690, -21.1725)
contains.

YUV(172.1420, 11.2690, -21.1725)	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(172.1420, 11.2690,
-21.1725)**

Conversions

Conversions Part 1

Format	Color
Hex	94B4C3
RGB	148, 180, 195
RGB Percent	58%, 71%, 76%
CMY	0.4196, 0.2941, 0.2353
CMYK	0.24, 0.08, 0.00, 0.24
HSL	199°, 28%, 67%
HSV	199°, 24%, 76%
XYZ	38.3843, 42.8785, 57.8831
YIQ	172.1420, -23.8870, -2.1190

Conversions

Conversions Part 2

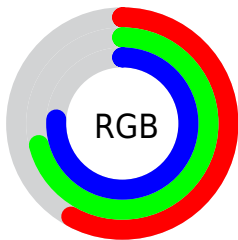
Format	Color
R_{YB}	148, 167, 195
Decimal	9745603
CIE Lab	71.47, -7.46, -11.20
CIE LCh	71, 13.457, 236.352
Yxy	42.8785, 0.2759, 0.3082
Android (android.graphics.Color)	4287935683 (0xFF94B4C3)
YUV	172.1420, 11.2690, -21.1725
Hunter-Lab	65.4817, -9.9592, -6.5727

Details

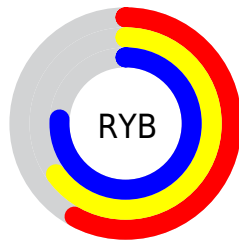
The YUV color $172.1420, 11.2690, -21.1725$ is a light color, and the websafe version is hex $99CCCC$. A complement of this color would be $170.8580, -11.2690, 21.1725$, and the grayscale version is $172.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $227.9570, 11.8532, -21.8873$, and $119.3270, 10.6848, -20.4578$ is the 20% darker color. If you saturate the color by 10%, you get $162.9390, 15.8061, -29.7645$, and if you desaturate by 10%, it is $181.6440, 6.5845, -11.9658$.

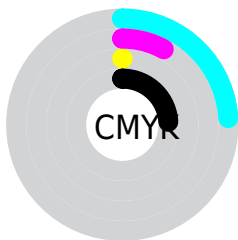
Distribution



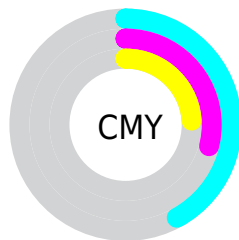
- Red (58%)
- Green (71%)
- Blue (76%)



- Red (58%)
- Yellow (65%)
- Blue (76%)



- Cyan (24%)
- Magenta (8%)
- Yellow (0%)
- Black (24%)



- Cyan (42%)
- Magenta (29%)
- Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the YUV color 172.1420, 11.2690, -21.1725 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 172.1420, 11.2690, -21.1725 by changing the saturation by 10% instead.

■ 172.1420, 11.2690,
-21.1725

■ 172.1420, 11.2690,
-21.1725

255.0000, 0.0000,
0.0000

■ 145.4410, 11.1216,
-20.5578

■ 227.9570, 11.8532,
-21.8873

■ 119.3270, 10.6848,
-20.4578

■ 247.8240, 3.5378,
-14.7546

■ 94.3270, 10.6848,
-20.4578

■ 70.2130, 10.2480,
-20.3578

■ 46.9140, 10.3954,
-20.9726

■ 25.0880, 9.8166,
-22.0022

■ 9.3070, 7.7366,

-8.1622

■ 0.0000, 0.0000,
0.0000

■ 172.1420, 11.2690,
-21.1725

■ 172.1420, 11.2690,
-21.1725

■ 162.9390, 15.8061,
-29.7645

■ 181.6440, 6.5845,
-11.9658

■ 153.4370, 20.4906,
-38.9712

■ 190.8470, 2.0474,
-3.3738

■ 143.6470, 25.3170,
-47.0484

■ 200.9360, -2.9264,
5.3181

■ 134.1450, 30.0015,
-56.2552

■ 210.1390, -7.4635,
13.9101

■ 124.9420, 34.5386,
-64.8471

■ 219.6410,
-12.1480, 23.1168

■ 115.4400, 39.2231,
-74.0539

■ 225.8540,
-15.2110, 25.5610

■ 105.6500, 44.0496,
-82.1310

■ 229.9630,
-17.2368, 21.9574

■ 100.3010, 46.6866,
-87.9640

■ 233.4850,
-18.9731, 18.8687

■ 237.0070,
-20.7095, 15.7799

Harmonies

Analogous

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



170.9800, 6.9119, -23.6615



172.1420, 11.2690, -21.1725



174.4250, 12.1155, -12.6507

Triad

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



172.1420, 11.2690, -21.1725



177.7080, -0.3490, 18.6731



173.6550, -10.1829, -0.5744

Complementary

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



172.1420, 11.2690, -21.1725



170.8580, -11.2690, 21.1725

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.



175.2650, -11.9626, 10.2916



172.1420, 11.2690, -21.1725



176.9380, -5.8854, 21.1024

Square

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



172.1420, 11.2690, -21.1725



177.5590, 5.6404, 10.9108



176.3630, -10.5320, 18.0986



172.1420, -5.4930, -11.5255

Rectangle

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



172.1420, 11.2690, -21.1725



175.5400, 11.0728, -4.8586



176.3630, -10.5320, 18.0986



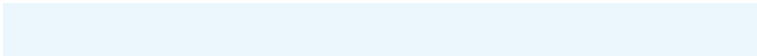
173.8620, -10.7780, 3.6290

Sweetspot

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



172.1420, 11.2690, -21.1725



243.9820, 3.9529, -7.8772



177.2990, -7.0494, -25.6952



122.3630, 2.7790, -4.7034



0.0000, 0.0000, 0.0000



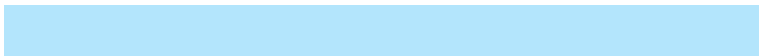
128.0000, 0.0000, 0.0000

Same Dimension

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



172.1420, 11.2690, -21.1725



216.6720, 17.4167, -33.0383



158.6410, 17.9250, -9.3322



92.2490, 2.3422, -4.6034



82.3370, 38.7809, -72.2095



17.2630, 7.7583, -15.1397

Inverse Universe

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



165.7010, 7.0494, 25.6952



206.5270, 11.0792, 39.8798



184.3590, -17.9250, 9.3322



90.7880, 1.5835, 5.4479



60.5650, 23.8785, 88.0815



12.4890, 5.1819, 17.9881

Previews

White Background



This preview shows how the YUV color 172.1420, 11.2690, -21.1725 looks on a white background.

Color Contrast Check

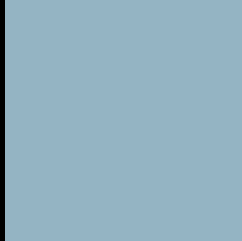
Large Text (above 18pt) WCAG AA × Fail

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 172.1420, 11.2690, -21.1725 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

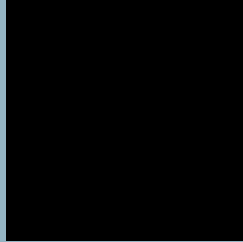
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 172.1420, 11.2690, -21.1725

Background



This preview shows how black text looks on a background with the YUV color 172.1420, 11.2690, -21.1725.



This preview shows how white text looks on a background with the YUV color 172.1420, 11.2690, -21.1725.

-21.1725.

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

172.1420, 11.2690, -21.1725

Protanopia

175.0520, 7.8624, -1.7996

Deuteranopia

176.3670, 10.1721, 4.0631



Tritanopia

172.0280, 10.8322, -21.0726

Trichromacy



Original Color

172.1420, 11.2690, -21.1725

Protanomaly

174.2360, 8.7577, -8.9770

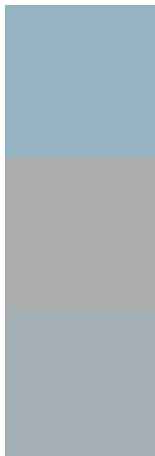
Deuteranomaly

175.0130, 10.3466, -5.2734

Tritanomaly

172.0280, 10.8322, -21.0726

Monochromacy



Original Color

172.1420, 11.2690, -21.1725

Achromatopsia

172.0000, 0.0000, 0.0000

Achromatomaly

171.9820, 3.9529, -7.8772

CSS Examples

Text

The CSS property to change the color of the text to YUV 172.1420, 11.2690, -21.1725 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(148, 180, 195)` looks like.

```
.text, #text, p{  
    color:rgb(148, 180, 195)  
}
```

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(148, 180, 195) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(148, 180, 195) }
```

Border

The CSS property to change the border of an element to YUV 172.1420, 11.2690, -21.1725 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(148, 180, 195) }
```


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

```
.border{ border-color:rgb(148, 180, 195) }
```

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

Here you see how a box with a 4 pixel rgb(148, 180, 195) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(148, 180, 195); -webkit-box-  
shadow:4px 4px 4px 4px rgb(148, 180, 195);  
box-shadow:4px 4px 4px 4px rgb(148, 180,  
195) }
```

Background

The CSS property to change the background color of an element to YUV 172.1420, 11.2690, -21.1725 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(148, 180, 195) }
```

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

```
.background{ background-color: rgb(148,  
180, 195) }
```

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