

Converting Colors

YUV(172.1460, 35.4240,
-22.0530)

Have a look what the booklet for
YUV(172.1460, 35.4240, -22.0530)
contains.

YUV(172.1460, 35.4240, -22.0530)	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(172.1460, 35.4240,
-22.0530)**

Conversions

Conversions Part 1

Format	Color
Hex	93ABF4
RGB	147, 171, 244
RGB Percent	58%, 67%, 96%
CMY	0.4235, 0.3294, 0.0431
CMYK	0.40, 0.30, 0.00, 0.04
HSL	225°, 82%, 77%
HSV	225°, 40%, 96%
XYZ	42.9247, 41.8605, 91.4055
YIQ	172.1460, -37.7370, 17.6150

Conversions

Conversions Part 2

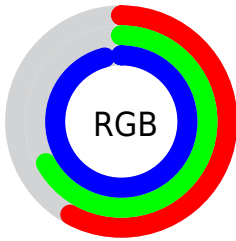
Format	Color
R _Y B	147, 166, 244
Decimal	9677812
CIE Lab	70.77, 9.58, -39.06
CIE LCh	71, 40.216, 283.787
Yxy	41.8605, 0.2436, 0.2376
Android (android.graphics.Color)	4287867892 (0xFF93ABF4)
YUV	172.1460, 35.4240, -22.0530
Hunter-Lab	64.6997, 5.2004, -38.4730

Details

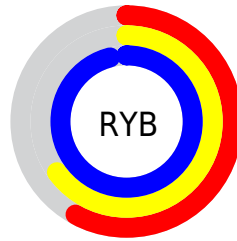
The YUV color **172.1460, 35.4240, -22.0530** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **218.8540, -35.4240, 22.0530**, and the grayscale version is **172.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **222.7280, 15.9101, -16.4245**, and **118.6790, 33.6823, -23.3975** is the 20% darker color. If you saturate the color by 10%, you get **154.4040, 44.1708, -27.5413**, and if you desaturate by 10%, it is **189.8880, 26.6772, -16.5648**.

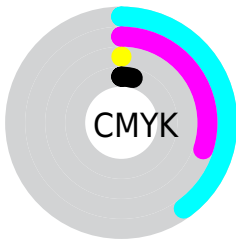
Distribution



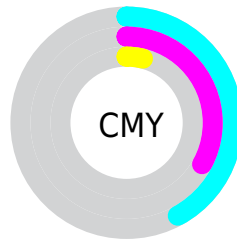
- Red (58%)
- Green (67%)
- Blue (96%)



- Red (58%)
- Yellow (65%)
- Blue (96%)



- Cyan (40%)
- Magenta (30%)
- Yellow (0%)
- Black (4%)



- Cyan (42%)
- Magenta (33%)
- Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the YUV color 172.1460, 35.4240, -22.0530 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 172.1460, 35.4240, -22.0530 by changing the saturation by 10% instead.

■ 172.1460, 35.4240,
-22.0530

■ 172.1460, 35.4240,
-22.0530

255.0000, 0.0000,
0.0000

■ 145.2060, 34.4084,
-22.9827

■ 222.7280, 15.9101,
-16.4245

■ 118.6790, 33.6823,
-23.3975

■ 248.4220, 3.2430,
-13.5251

■ 93.1410, 32.9615,
-25.5567

■ 66.8200, 33.1197,
-29.6601

■ 41.0750, 32.9940,
-36.0228

■ 26.4850, 27.8619,
-23.2273

■ 7.4270, 25.9185,

-6.5135

■ 5.3920, 15.5827,
-4.7288

■ 2.1830, 5.8258,
-1.9145

■ 172.1460, 35.4240,
-22.0530

■ 172.1460, 35.4240,
-22.0530

■ 154.4040, 44.1708,
-27.5413

■ 189.8880, 26.6772,
-16.5648

■ 135.7760, 53.3544,
-33.1296

■ 208.5160, 17.4936,
-10.9765

■ 118.0340, 62.1012,
-38.6178

■ 226.2580, 8.7468,
-5.4883

■ 99.9930, 70.9955,
-44.7209

■ 244.2990, -0.1474,
0.6148

■ 81.6640, 80.0316,
-49.6943

■ 253.7460, -4.8048,
1.0998

■ 63.9220, 88.7785,
-55.1826

■ 63.0360, 89.2153,
-55.2826

Harmonies

Analogous

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



159.0430, 41.3908, -69.3207



172.1460, 35.4240, -22.0530



177.4240, 23.9480, 18.9222

Triad

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



172.1460, 35.4240, -22.0530



174.2230, -24.7599, 55.0554



156.9530, -2.4418, -56.9638

Complementary

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



172.1460, 35.4240, -22.0530



218.8540, -35.4240, 22.0530

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.



164.3090, -22.3373, -22.1960



172.1460, 35.4240, -22.0530



171.9960, -34.0150, 36.8375

Square

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



172.1460, 35.4240, -22.0530



175.9690, -9.3517, 59.6632



168.6460, -33.3495, 9.9575



142.0130, 23.1646, -103.4974

Rectangle

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



172.1460, 35.4240, -22.0530



178.2110, 13.7000, 39.2800



168.6460, -33.3495, 9.9575



160.0810, -9.8999, -44.7980

Sweetspot

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



172.1460, 35.4240, -22.0530



232.2300, 11.2256, -7.2177



212.2610, 3.8153, -57.2339



114.4000, 6.7048, -3.8588



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.



172.1460, 35.4240, -22.0530



164.5180, 44.6076, -27.6413



165.2340, 38.8316, 5.0568



113.1290, 4.3734, -2.7441



48.2060, 67.9324, -42.2767



15.5310, 21.4302, -13.6207

Inverse Universe

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



178.7390, -3.8153, 57.2339



172.8980, -4.8797, 72.0035



225.7660, -38.8316, -5.0568



113.9300, -0.4585, 7.0774



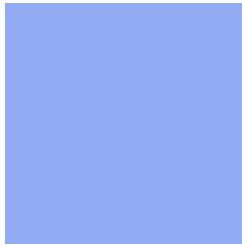
60.8580, -7.3250, 109.7495



19.3510, -2.1450, 34.7722

Previews

White Background



This preview shows how the YUV color 172.1460, 35.4240, -22.0530 looks on a white background.

Color Contrast Check

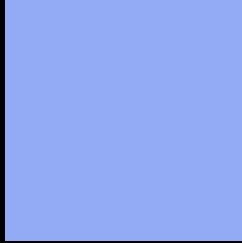
Large Text (above 18pt) WCAG AA × Fail

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 172.1460, 35.4240, -22.0530 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

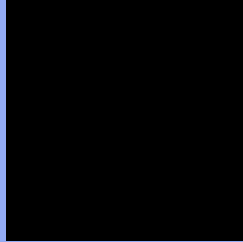
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 172.1460, 35.4240, -22.0530

Background



This preview shows how black text looks on a background with the YUV color 172.1460, 35.4240, -22.0530.



This preview shows how white text looks on a background with the YUV color 172.1460, 35.4240, -22.0530.

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

172.1460, 35.4240, -22.0530

Protanopia

172.3420, 34.8344, -19.5939

Deuteranopia

172.1460, 35.4240, -22.0530



Tritanopia

168.2550, 13.1853, -29.1646

Trichromacy



Original Color

172.1460, 35.4240, -22.0530

Protanomaly

172.0430, 34.9818, -20.2087

Deuteranomaly

172.1460, 35.4240, -22.0530

Tritanomaly

169.7420, 21.3262, -26.9607

Monochromacy



Original Color

172.1460, 35.4240, -22.0530

Achromatopsia

172.0000, 0.0000, 0.0000

Achromatomaly

172.2730, 12.6834, -8.1324

CSS Examples

Text

The CSS property to change the color of the text to YUV 172.1460, 35.4240, -22.0530 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(147, 171, 244)` looks like.

```
.text, #text, p{  
    color:rgb(147, 171, 244)  
}
```

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(147, 171, 244) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(147, 171, 244) }
```

Border

The CSS property to change the border of an element to YUV 172.1460, 35.4240, -22.0530 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(147, 171, 244) }
```


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

```
.border{ border-color:rgb(147, 171, 244) }
```

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

Here you see how a box with a 4 pixel `rgb(147, 171, 244)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(147, 171, 244); -webkit-box-  
shadow:4px 4px 4px 4px rgb(147, 171, 244);  
box-shadow:4px 4px 4px 4px rgb(147, 171,  
244) }
```

Background

The CSS property to change the background color of an element to YUV 172.1460, 35.4240, -22.0530 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(147, 171, 244) }
```

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

```
.background{ background-color: rgb(147,  
171, 244) }
```

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