

Converting Colors

YUV(172.7240, 11.9681,
-12.0359)

Have a look what the booklet for
YUV(172.7240, 11.9681, -12.0359)
contains.

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Color

**YUV(172.7240, 11.9681,
-12.0359)**

Conversions

Conversions Part 1

Format	Color
Hex	9FAFC5
RGB	159, 175, 197
RGB Percent	62%, 69%, 77%
CMY	0.3765, 0.3137, 0.2275
CMYK	0.19, 0.11, 0.00, 0.23
HSL	215°, 25%, 70%
HSV	215°, 19%, 77%
XYZ	39.7061, 42.0621, 58.8494
YIQ	172.7240, -16.5980, 3.4500

Conversions

Conversions Part 2

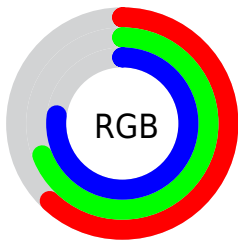
Format	Color
R_{YB}	159, 170, 197
Decimal	10465221
CIE Lab	70.91, -0.85, -13.06
CIE LCh	71, 13.090, 266.261
Yxy	42.0621, 0.2824, 0.2991
Android (android.graphics.Color)	4288655301 (0xFF9FAFC5)
YUV	172.7240, 11.9681, -12.0359
Hunter-Lab	64.8553, -4.2144, -8.4008

Details

The YUV color **172.7240, 11.9681, -12.0359** is a light color, and the websafe version is hex **999999**. A complement of this color would be **183.2760, -11.9681, 12.0359**, and the grayscale version is **173.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **227.9520, 12.8417, -12.2359**, and **120.4960, 11.0945, -11.8360** is the 20% darker color. If you saturate the color by 10%, you get **160.2870, 18.0995, -18.6687**, and if you desaturate by 10%, it is **185.1610, 5.8366, -5.4032**.

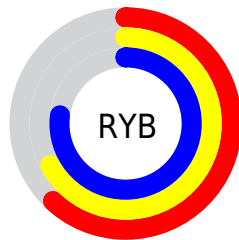
Distribution



Red (62%)

Green (69%)

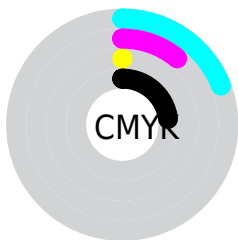
Blue (77%)



Red (62%)

Yellow (67%)

Blue (77%)

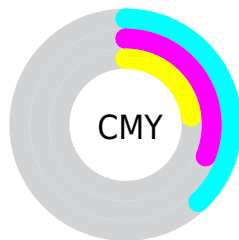


Cyan (19%)

Magenta (11%)

Yellow (0%)

Black (23%)



Cyan (38%)

Magenta (31%)

Yellow (23%)

Brightness & Saturation Gradients

These gradients show how the YUV color 172.7240, 11.9681, -12.0359 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 172.7240, 11.9681, -12.0359 by changing the saturation by 10% instead.

■ 172.7240, 11.9681,
-12.0359

■ 172.7240, 11.9681,
-12.0359

255.0000, 0.0000,
0.0000

■ 146.0230, 11.8207,
-11.4212

■ 227.9520, 12.8417,
-12.2359

■ 120.4960, 11.0945,
-11.8360

■ 251.4120, 1.7689,
-7.3773

■ 95.4960, 11.0945,
-11.8360

■ 71.6810, 10.5103,
-11.1212

■ 49.1540, 9.7841,
-11.5361

■ 27.4420, 9.6421,
-12.6656

■ 6.0130, 10.3466,

-5.2734

■ 0.0000, 0.0000,
0.0000

■ 172.7240, 11.9681,
-12.0359

■ 172.7240, 11.9681,
-12.0359

■ 160.2870, 18.0995,
-18.6687

■ 185.1610, 5.8366,
-5.4032

■ 147.5620, 24.3729,
-24.1719

■ 197.8860, -0.4368,
0.1000

■ 135.1250, 30.5044,
-30.8046

■ 210.3230, -6.5682,
6.7327

■ 122.1010, 36.9252,
-36.9226

■ 223.3470,
-12.9891, 12.8507

■ 109.9630, 42.9092,
-42.9406

■ 234.8870,
-18.6783, 17.6391

■ 97.5260, 49.0407,
-49.5733

■ 241.3440,
-21.8616, 11.9763

■ 84.5020, 55.4615,
-55.6913

■ 248.3880,
-25.3343, 5.7987

■ 72.0650, 61.5930,
-62.3240

■ 71.1790, 62.0298,
-62.4240

Harmonies

Analogous

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



170.4410, 11.1216, -20.5578



172.7240, 11.9681, -12.0359



174.6330, 10.0409, -0.5551

Triad

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



172.7240, 11.9681, -12.0359



175.5250, -6.1748, 20.5876



170.5550, -5.2036, -11.0107

Complementary

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



172.7240, 11.9681, -12.0359



183.2760, -11.9681, 12.0359

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.



172.0680, -9.8935, -0.0596



172.7240, 11.9681, -12.0359



174.4770, -10.0952, 17.9987

Square

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



172.7240, 11.9681, -12.0359



176.2950, -0.6384, 18.1583



173.3790, -11.5258, 10.1916



169.8080, 1.0807, -20.0026

Rectangle

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



172.7240, 11.9681, -12.0359



175.8790, 6.9617, 7.1221



173.3790, -11.5258, 10.1916



171.1210, -6.9617, -7.1221

Sweetspot

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



172.7240, 11.9681, -12.0359



245.2320, 4.8156, -4.5885



183.8140, -1.3873, -21.7619



121.7870, 3.0630, -2.4442



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.



172.7240, 11.9681, -12.0359



217.4010, 18.5363, -18.7687



164.2290, 16.1561, -1.9548



93.3740, 2.7736, -2.9590



59.0850, 51.2301, -51.8175



12.9090, 11.3839, -11.3212

Inverse Universe

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



172.1860, 1.3873, 21.7619



216.4910, 2.2229, 33.7724



191.7710, -16.1561, 1.9548



93.1470, 0.4205, 5.1331



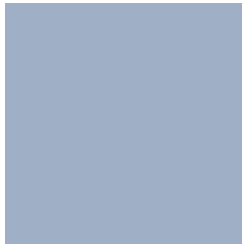
56.6030, 6.1117, 93.3102



12.4740, 1.2453, 20.6323

Previews

White Background



This preview shows how the YUV color 172.7240, 11.9681, -12.0359 looks on a white background.

Color Contrast Check

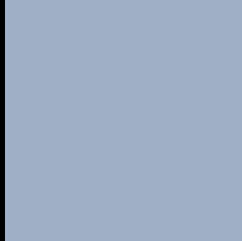
Large Text (above 18pt) WCAG AA × Fail

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 172.7240, 11.9681, -12.0359 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

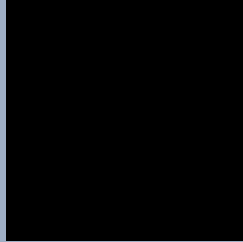
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 172.7240, 11.9681, -12.0359

Background



This preview shows how black text looks on a background with the YUV color 172.7240, 11.9681, -12.0359.



This preview shows how white text looks on a background with the YUV color 172.7240, 11.9681, -12.0359.

-12.0359.

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

172.7240, 11.9681, -12.0359

Protanopia

174.0240, 10.3412, -3.5290

Deuteranopia

174.9970, 11.3405, 2.6336



Tritanopia

172.2140, 8.7685, -12.4657

Trichromacy



Original Color

172.7240, 11.9681, -12.0359

Protanomaly

173.5290, 11.0782, -6.6029

Deuteranomaly

174.0780, 11.7935, -2.6994

Tritanomaly

172.5560, 10.0789, -12.7656

Monochromacy



Original Color

172.7240, 11.9681, -12.0359

Achromatopsia

173.0000, 0.0000, 0.0000

Achromatomaly

173.1180, 4.3788, -4.4885

CSS Examples

Text

The CSS property to change the color of the text to YUV 172.7240, 11.9681, -12.0359 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(159, 175, 197)` looks like.

```
.text, #text, p{  
    color:rgb(159, 175, 197)  
}
```

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(159, 175, 197) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(159, 175, 197) }
```

Border

The CSS property to change the border of an element to YUV 172.7240, 11.9681, -12.0359 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(159, 175, 197) }
```


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

```
.border{ border-color:rgb(159, 175, 197) }
```

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

Here you see how a box with a 4 pixel `rgb(159, 175, 197)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(159, 175, 197); -webkit-box-shadow:4px 4px 4px 4px rgb(159, 175, 197); box-shadow:4px 4px 4px 4px rgb(159, 175, 197) }
```

Background

The CSS property to change the background color of an element to YUV 172.7240, 11.9681, -12.0359 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(159, 175, 197) }
```

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

```
.background{ background-color: rgb(159,  
175, 197) }
```

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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