

Converting Colors

YUV(172.1710, 24.0727,
-21.1980)

Have a look what the booklet for
YUV(172.1710, 24.0727, -21.1980)
contains.

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Color

**YUV(172.1710, 24.0727,
-21.1980)**

Conversions

Conversions Part 1

Format	Color
Hex	94AFDD
RGB	148, 175, 221
RGB Percent	58%, 69%, 87%
CMY	0.4196, 0.3137, 0.1333
CMYK	0.33, 0.21, 0.00, 0.13
HSL	218°, 52%, 72%
HSV	218°, 33%, 87%
XYZ	40.5939, 42.1763, 74.4079
YIQ	172.1710, -30.8580, 8.5820

Conversions

Conversions Part 2

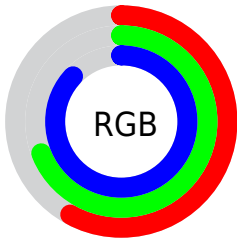
Format	Color
RYB	148, 168, 221
Decimal	9744349
CIELab	70.99, 1.57, -26.18
CIELCh	71, 26.224, 273.438
Yxy	42.1763, 0.2583, 0.2683
Android (android.graphics.Color)	4287934429 (0xFF94AFDD)
YUV	172.1710, 24.0727, -21.1980
Hunter-Lab	64.9433, -2.0764, -22.4705

Details

The YUV color **172.1710, 24.0727, -21.1980** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **196.8290, -24.0727, 21.1980**, and the grayscale version is **172.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **225.0760, 14.7525, -18.4837**, and **119.5300, 22.9097, -21.5128** is the 20% darker color. If you saturate the color by 10%, you get **157.3750, 31.3671, -27.5159**, and if you desaturate by 10%, it is **186.9670, 16.7783, -14.8801**.

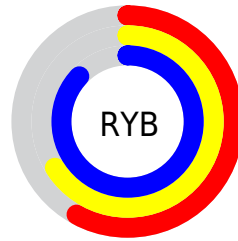
Distribution



Red (58%)

Green (69%)

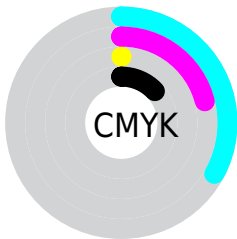
Blue (87%)



Red (58%)

Yellow (66%)

Blue (87%)

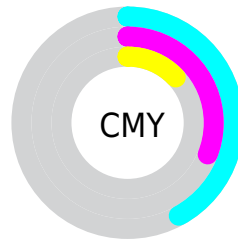


Cyan (33%)

Magenta (21%)

Yellow (0%)

Black (13%)



Cyan (42%)

Magenta (31%)

Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the YUV color 172.1710, 24.0727, -21.1980 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 172.1710, 24.0727, -21.1980 by changing the saturation by 10% instead.

■ 172.1710, 24.0727,
-21.1980

■ 172.1710, 24.0727,
-21.1980

255.0000, 0.0000,
0.0000

■ 145.0570, 23.6359,
-21.0980

■ 225.0760, 14.7525,
-18.4837

■ 119.5300, 22.9097,
-21.5128

■ 248.1230, 3.3904,
-14.1399

■ 94.0030, 22.1835,
-21.9276

■ 69.2910, 22.0415,
-23.0572

■ 44.2580, 22.0578,
-28.2903

■ 25.6070, 19.4207,
-22.4573

■ 7.8370, 17.3354,

-6.8730

■ 3.0950, 9.3202,
-2.7143

■ 0.0000, 0.0000,
0.0000

■ 172.1710, 24.0727,
-21.1980

■ 172.1710, 24.0727,
-21.1980

■ 157.3750, 31.3671,
-27.5159

■ 186.9670, 16.7783,
-14.8801

■ 142.5790, 38.6616,
-33.8338

■ 201.7630, 9.4838,
-8.5622

■ 127.7830, 45.9560,
-40.1517

■ 216.5590, 2.1894,
-2.2442

■ 112.9870, 53.2504,
-46.4696

■ 231.3550, -5.1050,
4.0737

■ 98.1910, 60.5448,
-52.7875

■ 245.2540,
-11.9572, 8.5472

■ 83.0960, 67.9867,
-59.7202

■ 251.1240,
-14.8511, 3.3993

■ 73.3280, 72.8023,
-64.3087

Harmonies

Analogous

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



166.4410, 24.4326, -43.3598



172.1710, 24.0727, -21.1980



176.5440, 18.4658, 3.9079

Triad

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



172.1710, 24.0727, -21.1980



176.3980, -13.5072, 39.1160



166.2880, -7.0440, -27.4396

Complementary

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



172.1710, 24.0727, -21.1980



196.8290, -24.0727, 21.1980

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.



169.2600, -17.8762, -6.3670



172.1710, 24.0727, -21.1980



174.3940, -20.9002, 30.3495

Square

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



172.1710, 24.0727, -21.1980



177.2590, -2.5927, 38.3609



172.1270, -22.7406, 13.9206



163.3210, 6.2507, -45.0085

Rectangle

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



172.1710, 24.0727, -21.1980



177.6230, 12.0179, 18.7476



172.1270, -22.7406, 13.9206



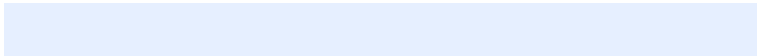
167.5940, -11.1388, -20.6919

Sweetspot

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



172.1710, 24.0727, -21.1980



238.1330, 8.3154, -7.1326



195.9810, -1.4696, -42.0793



117.3460, 5.2524, -4.6884



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.



172.1710, 24.0727, -21.1980



186.9340, 33.5565, -29.7601



159.0130, 30.5596, -1.7654



102.6020, 3.6472, -3.1590



57.2900, 57.0450, -50.2433



15.2230, 15.1731, -13.3506

Inverse Universe

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



172.9050, 1.0328, 42.1793



187.8300, 1.5628, 58.9081



209.9870, -30.5596, 1.7654



102.7450, 0.1257, 6.3626



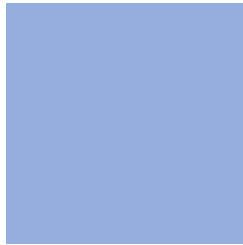
59.0230, 2.4537, 99.9578



15.6920, 0.6448, 26.5801

Previews

White Background



This preview shows how the YUV color 172.1710, 24.0727, -21.1980 looks on a white background.

Color Contrast Check

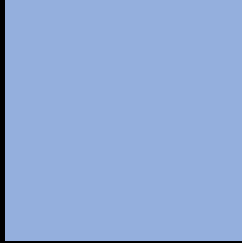
Large Text (above 18pt) WCAG AA × Fail

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 172.1710, 24.0727, -21.1980 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

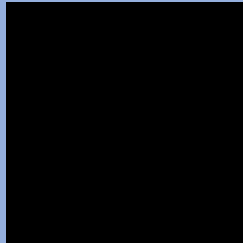
Any Text WCAG AA ✓ Pass

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 172.1710, 24.0727, -21.1980 Background



This preview shows how black text looks on a background with the YUV color 172.1710, 24.0727, -21.1980.



This preview shows how white text looks on a background with the YUV color 172.1710, 24.0727, -21.1980.

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

172.1710, 24.0727, -21.1980

Protanopia

174.3680, 22.0036, -10.8467

Deuteranopia

174.4330, 23.4505, -8.2727



Tritanopia

170.2340, 11.7166, -24.7612

Trichromacy



Original Color

172.1710, 24.0727, -21.1980

Protanomaly

173.5740, 22.8880, -14.5354

Deuteranomaly

173.8130, 23.7562, -12.9910

Tritanomaly

170.7980, 16.3686, -23.5018

Monochromacy



Original Color

172.1710, 24.0727, -21.1980

Achromatopsia

172.0000, 0.0000, 0.0000

Achromatomaly

171.9480, 8.8996, -7.8474

CSS Examples

Text

The CSS property to change the color of the text to YUV 172.1710, 24.0727, -21.1980 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, 175, 221)` looks like.

```
.text, #text, p{  
    color:rgb(148, 175, 221)  
}
```

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, 175, 221) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(148, 175, 221) }
```

Border

The CSS property to change the border of an element to YUV 172.1710, 24.0727, -21.1980 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, 175, 221) }
```


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

```
.border{ border-color:rgb(148, 175, 221) }
```

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

Here you see how a box with a 4 pixel `rgb(148, 175, 221)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(148, 175, 221); -webkit-box-  
shadow:4px 4px 4px 4px rgb(148, 175, 221);  
box-shadow:4px 4px 4px 4px rgb(148, 175,  
221) }
```

Background

The CSS property to change the background color of an element to YUV 172.1710, 24.0727, -21.1980 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(148, 175, 221) }
```

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

```
.background{ background-color: rgb(148,  
175, 221) }
```

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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