

Converting Colors

YUV(173.2910, 22.0415,
-23.0572)

Have a look what the booklet for
YUV(173.2910, 22.0415, -23.0572)
contains.

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Color

**YUV(173.2910, 22.0415,
-23.0572)**

Conversions

Conversions Part 1

Format	Color
Hex	93B2DA
RGB	147, 178, 218
RGB Percent	58%, 70%, 85%
CMY	0.4235, 0.3020, 0.1451
CMYK	0.33, 0.18, 0.00, 0.15
HSL	214°, 49%, 72%
HSV	214°, 33%, 85%
XYZ	40.6079, 43.1058, 72.5097
YIQ	173.2910, -31.3160, 5.8680

Conversions

Conversions Part 2

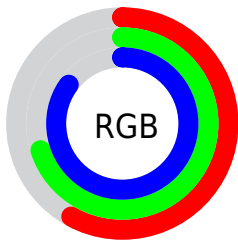
Format	Color
RYB	147, 169, 218
Decimal	9679578
CIELab	71.63, -1.12, -23.57
CIELCh	72, 23.599, 267.284
Yxy	43.1058, 0.2599, 0.2759
Android (android.graphics.Color)	4287869658 (0xFF93B2DA)
YUV	173.2910, 22.0415, -23.0572
Hunter-Lab	65.6550, -4.4932, -19.5216

Details

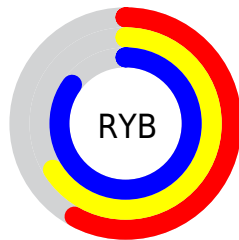
The YUV color $173.2910, 22.0415, -23.0572$ is a light color, and the websafe version is hex $99CCFF$. A complement of this color would be $191.7090, -22.0415, 23.0572$, and the grayscale version is $173.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $226.8260, 13.8898, -21.7724$, and $120.0630, 21.1679, -22.8573$ is the 20% darker color. If you saturate the color by 10%, you get $159.6690, 28.7572, -30.4047$, and if you desaturate by 10%, it is $186.9130, 15.3259, -15.7097$.

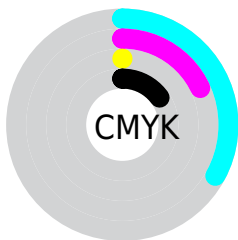
Distribution



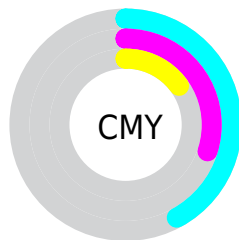
- Red (58%)
- Green (70%)
- Blue (85%)



- Red (58%)
- Yellow (66%)
- Blue (85%)



- Cyan (33%)
- Magenta (18%)
- Yellow (0%)
- Black (15%)



- Cyan (42%)
- Magenta (30%)
- Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the YUV color 173.2910, 22.0415, -23.0572 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 173.2910, 22.0415, -23.0572 by changing the saturation by 10% instead.

■ 173.2910, 22.0415,
-23.0572

■ 173.2910, 22.0415,
-23.0572

255.0000, 0.0000,
0.0000

■ 146.1770, 21.6047,
-22.9572

■ 226.8260, 13.8898,
-21.7724

■ 120.0630, 21.1679,
-22.8573

■ 247.8240, 3.5378,
-14.7546

■ 95.2370, 20.5892,
-23.8868

■ 70.4110, 20.0104,
-24.9164

■ 45.2040, 20.6054,
-29.1199

■ 26.5530, 17.9684,
-23.2870

■ 9.9570, 15.3042,

-8.7323

■ 2.7530, 8.0098,
-2.4144

■ 0.0000, 0.0000,
0.0000

■ 173.2910, 22.0415,
-23.0572

■ 173.2910, 22.0415,
-23.0572

■ 159.6690, 28.7572,
-30.4047

■ 186.9130, 15.3259,
-15.7097

■ 145.4600, 35.7622,
-37.2374

■ 201.1220, 8.3209,
-8.8770

■ 132.1370, 42.3305,
-43.9701

■ 214.4450, 1.7526,
-2.1443

■ 118.5150, 49.0461,
-51.3177

■ 228.0670, -4.9630,
5.2032

■ 104.8930, 55.7618,
-58.6652

■ 241.3900,
-11.5313, 11.9360

■ 90.6840, 62.7668,
-65.4979

■ 249.0210,
-15.2934, 5.2436

■ 80.6170, 67.7298,
-70.7011

■ 250.7820,
-16.1615, 3.6992

Harmonies

Analogous

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



168.5400, 20.9328, -40.8156



173.2910, 22.0415, -23.0572



177.3970, 18.0453, -1.2252

Triad

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



173.2910, 22.0415, -23.0572



177.8860, -10.2968, 36.0570



169.5770, -8.6655, -20.6770

Complementary

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



173.2910, 22.0415, -23.0572



191.7090, -22.0415, 23.0572

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.



172.4070, -17.4557, -1.2339



173.2910, 22.0415, -23.0572



176.4910, -17.9901, 30.2644

Square

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



173.2910, 22.0415, -23.0572



178.7960, -0.3924, 32.6279



174.4200, -20.4201, 16.2947



167.1540, 2.8821, -37.8461

Rectangle

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



173.2910, 22.0415, -23.0572



178.8180, 12.9077, 13.3146



174.4200, -20.4201, 16.2947



170.6980, -12.1761, -14.6441

Sweetspot

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



173.2910, 22.0415, -23.0572



239.3070, 7.7366, -8.1622



193.1230, -3.5116, -40.4499



117.9330, 4.9630, -5.2032



0.0000, 0.0000, 0.0000



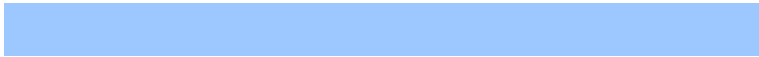
128.0000, 0.0000, 0.0000

Same Dimension

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



173.2910, 22.0415, -23.0572



192.5270, 30.7992, -32.0342



156.2900, 30.4230, -4.6393



102.6020, 3.6472, -3.1590



64.3340, 53.5723, -56.4209



16.9840, 14.3049, -14.8950

Inverse Universe

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



171.7630, 3.0748, 40.5498



190.5030, 4.1890, 56.5639



208.7100, -30.4230, 4.6393



102.7450, 0.1257, 6.3626



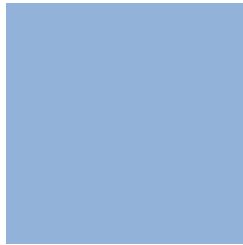
60.3910, 7.6952, 98.7581



16.0340, 1.9552, 26.2802

Previews

White Background



This preview shows how the YUV color 173.2910, 22.0415, -23.0572 looks on a white background.

Color Contrast Check

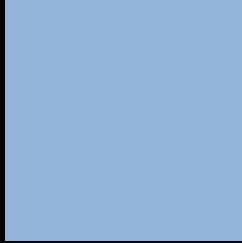
Large Text (above 18pt) WCAG AA × Fail

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 173.2910, 22.0415, -23.0572 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

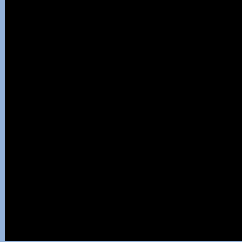
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

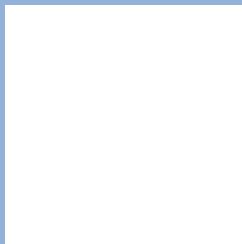
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 173.2910, 22.0415, -23.0572

Background



This preview shows how black text looks on a background with the YUV color 173.2910, 22.0415, -23.0572.



This preview shows how white text looks on a background with the YUV color 173.2910, 22.0415, -23.0572.

-23.0572.

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

173.2910, 22.0415, -23.0572

Protanopia

175.6950, 19.3774, -8.5025

Deuteranopia

176.4610, 20.9717, -6.5433



Tritanopia

171.6360, 12.0115, -25.9908

Trichromacy



Original Color

173.2910, 22.0415, -23.0572

Protanomaly

174.8900, 20.2672, -13.9355

Deuteranomaly

175.2430, 21.5722, -12.4911

Tritanomaly

172.5590, 15.5004, -25.0462

Monochromacy



Original Color

173.2910, 22.0415, -23.0572

Achromatopsia

173.0000, 0.0000, 0.0000

Achromatomaly

173.3070, 7.7366, -8.1622

CSS Examples

Text

The CSS property to change the color of the text to YUV 173.2910, 22.0415, -23.0572 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, 178, 218)` looks like.

```
.text, #text, p{  
    color:rgb(147, 178, 218)  
}
```

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, 178, 218) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(147, 178, 218) }
```

Border

The CSS property to change the border of an element to YUV 173.2910, 22.0415, -23.0572 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, 178, 218) }
```


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

```
.border{ border-color:rgb(147, 178, 218) }
```

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

Here you see how a box with a 4 pixel rgb(147, 178, 218) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(147, 178, 218); -webkit-box-  
shadow:4px 4px 4px 4px rgb(147, 178, 218);  
box-shadow:4px 4px 4px 4px rgb(147, 178,  
218) }
```

Background

The CSS property to change the background color of an element to YUV 173.2910, 22.0415, -23.0572 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(147, 178, 218) }
```

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

```
.background{ background-color: rgb(147,  
178, 218) }
```

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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