

Converting Colors

YUV(173.7270, 17.3896,
-24.3166)

Have a look what the booklet for
YUV(173.7270, 17.3896, -24.3166)
contains.

YUV(173.7270, 17.3896, -24.3166)	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(173.7270, 17.3896,
-24.3166)**

Conversions

Conversions Part 1	
Format	Color
Hex	92B5D1
RGB	146, 181, 209
RGB Percent	57%, 71%, 82%
CMY	0.4275, 0.2902, 0.1804
CMYK	0.30, 0.13, 0.00, 0.18
HSL	207°, 41%, 70%
HSV	207°, 30%, 82%
XYZ	39.8866, 43.7622, 66.6663
YIQ	173.7270, -29.8480, 1.2880

Conversions

Conversions Part 2

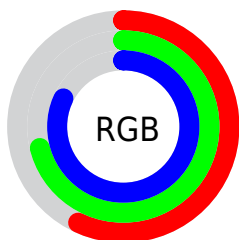
Format	Color
RYB	146, 169, 209
Decimal	9614801
CIELab	72.07, -5.27, -17.99
CIELCh	72, 18.741, 253.672
Yxy	43.7622, 0.2654, 0.2911
Android (android.graphics.Color)	4287804881 (0xFF92B5D1)
YUV	173.7270, 17.3896, -24.3166
Hunter-Lab	66.1530, -8.1422, -13.4430

Details

The YUV color **173.7270, 17.3896, -24.3166** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **181.2730, -17.3896, 24.3166**, and the grayscale version is **174.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **228.2880, 13.1690, -23.9316**, and **120.6130, 16.9528, -24.2166** is the 20% darker color. If you saturate the color by 10%, you get **162.1650, 23.0897, -32.5937**, and if you desaturate by 10%, it is **185.2890, 11.6895, -16.0395**.

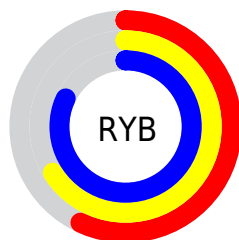
Distribution



Red (57%)

Green (71%)

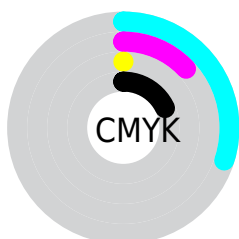
Blue (82%)



Red (57%)

Yellow (66%)

Blue (82%)

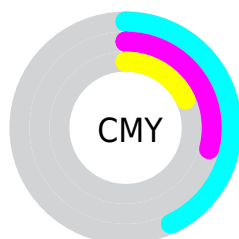


Cyan (30%)

Magenta (13%)

Yellow (0%)

Black (18%)



Cyan (43%)

Magenta (29%)

Yellow (18%)

Brightness & Saturation Gradients


These gradients show how the YUV color 173.7270, 17.3896, -24.3166 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 173.7270, 17.3896, -24.3166 by changing the saturation by 10% instead.


 173.7270, 17.3896,
-24.3166

 173.7270, 17.3896,
-24.3166


255.0000, 0.0000,
0.0000


 146.6130, 16.9528,
-24.2166


 228.2880, 13.1690,
-23.9316


 120.6130, 16.9528,
-24.2166

 247.5250, 3.6852,
-15.3694

 95.3850, 16.0792,
-24.0166

 70.9720, 15.7898,
-24.5314

 46.3630, 16.0900,
-27.5054

 26.9290, 14.3320,
-23.6167

 11.6210, 11.5258,

-10.1916

■ 1.1400, 4.3680,
-0.9998

■ 0.0000, 0.0000,
0.0000

■ 173.7270, 17.3896,
-24.3166

■ 173.7270, 17.3896,
-24.3166

■ 162.1650, 23.0897,
-32.5937

■ 185.2890, 11.6895,
-16.0395

■ 150.0160, 29.0791,
-40.3560

■ 197.4380, 5.7001,
-8.2771

■ 138.4540, 34.7792,
-48.6332

■ 209.0000, 0.0000,
0.0000

■ 126.8920, 40.4792,
-56.9103

■ 220.5620, -5.7001,
8.2771

■ 115.3300, 46.1793,
-65.1874

■ 231.8250,
-11.2527, 15.9395

■ 103.4800, 52.0214,
-72.3350

■ 239.1900,
-14.8837, 13.8654

■ 91.9180, 57.7214,
-80.6121

■ 244.4730,
-17.4882, 9.2322

■ 249.7560,
-20.0927, 4.5990

Harmonies

Analogous

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



170.8630, 14.3645, -34.0829



173.7270, 17.3896, -24.3166



176.8970, 16.3198, -7.8027

Triad

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



173.7270, 17.3896, -24.3166



179.5090, -5.1809, 28.4946



173.1870, -10.4452, -9.8110

Complementary

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



173.7270, 17.3896, -24.3166



181.2730, -17.3896, 24.3166

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.



175.2060, -15.8776, 5.9583



173.7270, 17.3896, -24.3166



178.3750, -12.0169, 27.7351

Square

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



173.7270, 17.3896, -24.3166



180.0550, 3.4239, 21.8768



176.8810, -16.2103, 19.3984



171.1620, -2.5449, -23.8211

Rectangle

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



173.7270, 17.3896, -24.3166



178.7520, 12.9403, 2.8485



176.8810, -16.2103, 19.3984



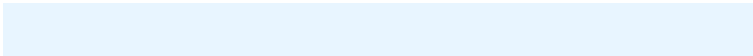
173.6500, -12.6454, -4.0780

Sweetspot

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



173.7270, 17.3896, -24.3166



242.2530, 6.2843, -8.9919



186.0590, -6.4381, -35.1317



119.4060, 4.2368, -5.6181



0.0000, 0.0000, 0.0000



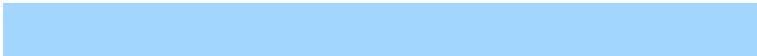
128.0000, 0.0000, 0.0000

Same Dimension

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



173.7270, 17.3896, -24.3166



203.4250, 25.4265, -35.4527



155.5300, 26.3607, -8.3578



98.7760, 3.0684, -4.1886



73.7430, 46.4687, -64.6726



18.1750, 11.2527, -15.9395

Inverse Universe

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



168.8270, 6.0013, 35.2317



196.3220, 8.7153, 51.4606



199.4700, -26.3607, 8.3578



97.9730, 0.9993, 6.1627



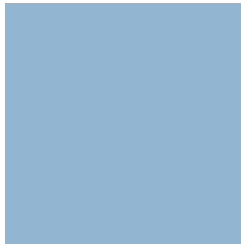
60.9480, 16.2946, 93.8846



14.8810, 4.0027, 22.9064

Previews

White Background



This preview shows how the YUV color 173.7270, 17.3896, -24.3166 looks on a white background.

Color Contrast Check

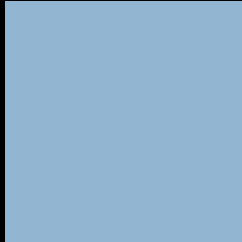
Large Text (above 18pt) WCAG AA × Fail

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 173.7270, 17.3896, -24.3166 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

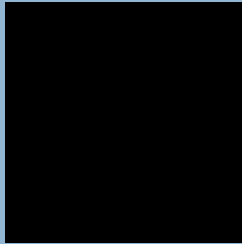
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 173.7270, 17.3896, -24.3166

Background



This preview shows how black text looks on a background with the YUV color 173.7270, 17.3896, -24.3166.



This preview shows how white text looks on a background with the YUV color 173.7270, 17.3896, -24.3166.

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

173.7270, 17.3896, -24.3166

Protanopia

177.2240, 13.6936, -5.4584

Deuteranopia

177.6420, 16.4455, -1.4400



Tritanopia

172.7500, 12.4482, -26.0907

Trichromacy



Original Color
173.7270, 17.3896, -24.3166

Protanomaly
175.8210, 14.8782, -12.1210

Deuteranomaly
176.0000, 16.7620, -9.6470

Tritanomaly
172.9180, 14.3374, -25.3611

Monochromacy



Original Color
173.7270, 17.3896, -24.3166

Achromatopsia
174.0000, 0.0000, 0.0000

Achromatomaly
174.2530, 6.2843, -8.9919

CSS Examples

Text

The CSS property to change the color of the text to YUV 173.7270, 17.3896, -24.3166 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(146, 181, 209)` looks like.

```
.text, #text, p{  
    color:rgb(146, 181, 209)  
}
```

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(146, 181, 209) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(146, 181, 209) }
```

Border

The CSS property to change the border of an element to YUV 173.7270, 17.3896, -24.3166 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(146, 181, 209) }
```


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

```
.border{ border-color:rgb(146, 181, 209) }
```

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

Here you see how a box with a 4 pixel rgb(146, 181, 209) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(146, 181, 209); -webkit-box-  
shadow:4px 4px 4px 4px rgb(146, 181, 209);  
box-shadow:4px 4px 4px 4px rgb(146, 181,  
209) }
```

Background

The CSS property to change the background color of an element to YUV 173.7270, 17.3896, -24.3166 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(146, 181, 209) }
```

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

```
.background{ background-color: rgb(146,  
181, 209) }
```

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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