

Converting Colors

YUV(173.4000, 40.2288,
-23.1528)

Have a look what the booklet for
YUV(173.4000, 40.2288, -23.1528)
contains.

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Color

**YUV(173.4000, 40.2288,
-23.1528)**

Conversions

Conversions Part 1

Format	Color
Hex	93ABFF
RGB	147, 171, 255
RGB Percent	58%, 67%, 100%
CMY	0.4235, 0.3294, 0.0000
CMYK	0.42, 0.33, 0.00, 0.00
HSL	227°, 100%, 79%
HSV	227°, 42%, 100%
XYZ	44.6455, 42.5489, 100.4674
YIQ	173.4000, -41.2680, 21.0360

Conversions

Conversions Part 2

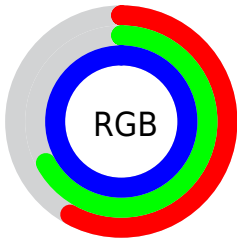
Format	Color
RYB	147, 167, 255
Decimal	9677823
CIELab	71.25, 12.60, -44.28
CIELCh	71, 46.040, 285.888
Yxy	42.5489, 0.2379, 0.2267
Android (android.graphics.Color)	4287867903 (0xFF93ABFF)
YUV	173.4000, 40.2288, -23.1528
Hunter-Lab	65.2295, 8.0205, -45.6587

Details

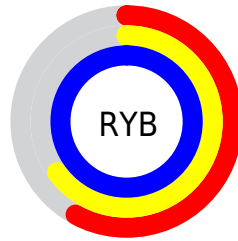
The YUV color $173.4000, 40.2288, -23.1528$ is a light color, and the websafe version is hex $6699FF$. A complement of this color would be $228.6000, -40.2288, 23.1528$, and the grayscale version is $173.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $222.7280, 15.9101, -16.4245$, and $119.3350, 38.7818, -25.7268$ is the 20% darker color. If you saturate the color by 10%, you get $154.1850, 49.7018, -28.2262$, and if you desaturate by 10%, it is $192.6150, 30.7558, -18.0794$.

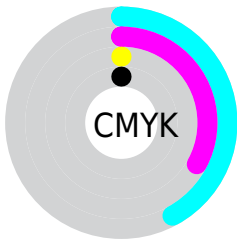
Distribution



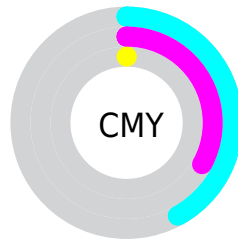
- Red (58%)
- Green (67%)
- Blue (100%)



- Red (58%)
- Yellow (65%)
- Blue (100%)



- Cyan (42%)
- Magenta (33%)
- Yellow (0%)
- Black (0%)



- Cyan (42%)
- Magenta (33%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the YUV color 173.4000, 40.2288, -23.1528 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 173.4000, 40.2288, -23.1528 by changing the saturation by 10% instead.

■ 173.4000, 40.2288,
-23.1528

■ 173.4000, 40.2288,
-23.1528

255.0000, 0.0000,
0.0000

■ 146.4600, 39.2132,
-24.0824

■ 222.7280, 15.9101,
-16.4245

■ 119.3350, 38.7818,
-25.7268

■ 248.7210, 3.0955,
-12.9103

■ 93.3840, 37.7717,
-28.4008

■ 65.7530, 38.0828,
-34.8634

■ 42.1010, 36.9252,
-36.9226

■ 27.5110, 31.7931,
-24.1271

■ 8.9260, 29.1235,

-7.8281

■ 6.8910, 18.7877,
-6.0434

■ 3.2090, 9.7570,
-2.8143

■ 173.4000, 40.2288,
-23.1528

■ 173.4000, 40.2288,
-23.1528

■ 154.1850, 49.7018,
-28.2262

■ 192.6150, 30.7558,
-18.0794

■ 134.6710, 59.3222,
-33.9145

■ 212.1290, 21.1354,
-12.3911

■ 115.7440, 68.6532,
-40.1175

■ 231.6430, 11.5150,
-6.7029

■ 96.5290, 78.1262,
-45.1909

■ 250.2710, 2.3314,
-1.1147

■ 77.0150, 87.7466, 255.0000, 0.0000,
-50.8792 0.0000

■ 62.5290, 94.8882,
-54.8379

Harmonies

Analogous

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



154.1100, 49.7388, -86.9195



173.4000, 40.2288, -23.1528



179.4400, 26.4051, 24.1701

Triad

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



173.4000, 40.2288, -23.1528



174.5290, -28.8548, 61.8031



152.5380, 0.2278, -73.2628

Complementary

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



173.4000, 40.2288, -23.1528



228.6000, -40.2288, 23.1528

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.



163.1080, -24.2102, -28.1587



173.4000, 40.2288, -23.1528



172.2260, -39.5514, 39.2668

Square

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



173.4000, 40.2288, -23.1528



176.5680, -11.1260, 68.7849



168.6690, -38.2908, 8.1833



137.3960, 28.8918, -120.4963

Rectangle

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



173.4000, 40.2288, -23.1528



179.3090, 15.1307, 47.0870



168.6690, -38.2908, 8.1833



157.5310, -9.1358, -56.5937

Sweetspot

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



173.4000, 40.2288, -23.1528



229.8710, 12.3886, -6.9029



219.8580, 5.0000, -63.8965



112.3290, 7.7258, -4.6735



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.



173.4000, 40.2288, -23.1528



156.8430, 48.3914, -27.9263



167.9830, 42.8994, 7.0309



118.2430, 4.8102, -2.8441



47.0150, 70.9846, -41.2322



15.5140, 23.9036, -13.6058

Inverse Universe

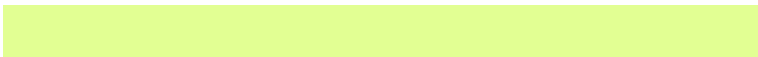
The Inverse Universe completely reimagines the original color for something new.



182.0280, -5.4368, 63.9964



167.1760, -6.4958, 77.0216



234.0170, -42.8994, -7.0309



119.2290, -0.6059, 7.6922



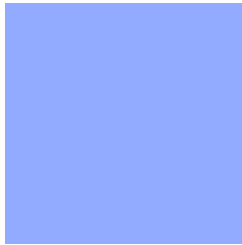
62.0110, -9.3724, 113.1234



20.7320, -3.3189, 37.9460

Previews

White Background



This preview shows how the YUV color 173.4000, 40.2288, -23.1528 looks on a white background.

Color Contrast Check

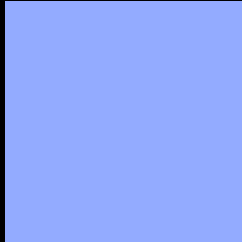
Large Text (above 18pt) WCAG AA × Fail

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 173.4000, 40.2288, -23.1528 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 173.4000, 40.2288, -23.1528 Background



This preview shows how black text looks on a background with the YUV color 173.4000, 40.2288, -23.1528.



This preview shows how white text looks on a background with the YUV color 173.4000, 40.2288, -23.1528.

-23.1528.

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

173.4000, 40.2288, -23.1528

Protanopia

173.1010, 40.3762, -23.7676

Deuteranopia

172.4810, 40.6819, -28.4858



Tritanopia

168.7600, 13.9223, -32.2385

Trichromacy



Original Color

173.4000, 40.2288, -23.1528

Protanomaly

173.1010, 40.3762, -23.7676

Deuteranomaly

172.7910, 40.5290, -26.1267

Tritanomaly

170.3010, 23.5156, -29.2050

Monochromacy



Original Color

173.4000, 40.2288, -23.1528

Achromatopsia

173.0000, 0.0000, 0.0000

Achromatomaly

173.1420, 14.7200, -8.0175

CSS Examples

Text

The CSS property to change the color of the text to YUV 173.4000, 40.2288, -23.1528 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, 255)` looks like.

```
.text, #text, p{  
    color:rgb(147, 171, 255)  
}
```

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, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(147, 171, 255) }
```

Border

The CSS property to change the border of an element to YUV 173.4000, 40.2288, -23.1528 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, 255) }
```


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

```
.border{ border-color:rgb(147, 171, 255) }
```

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, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(147, 171, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(147, 171, 255);  
box-shadow:4px 4px 4px 4px rgb(147, 171,  
255) }
```

Background

The CSS property to change the background color of an element to YUV 173.4000, 40.2288, -23.1528 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, 255) }
```

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

```
.background{ background-color: rgb(147,  
171, 255) }
```

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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