

Converting Colors

YUV(173.4010, 38.7493,
-15.2607)

Have a look what the booklet for
YUV(173.4010, 38.7493, -15.2607)
contains.

YUV(173.4010, 38.7493, -15.2607)	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(173.4010, 38.7493,
-15.2607)**

Conversions

Conversions Part 1

Format	Color
Hex	9CA7FC
RGB	156, 167, 252
RGB Percent	61%, 65%, 99%
CMY	0.3882, 0.3451, 0.0118
CMYK	0.38, 0.34, 0.00, 0.01
HSL	233°, 94%, 80%
HSV	233°, 38%, 99%
XYZ	45.0997, 41.7336, 97.7738
YIQ	173.4010, -33.8410, 24.1030

Conversions

Conversions Part 2

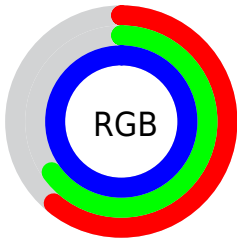
Format	Color
R _Y B	156, 166, 252
Decimal	10266620
CIE Lab	70.69, 16.34, -43.49
CIE LCh	71, 46.459, 290.585
Yxy	41.7336, 0.2443, 0.2261
Android (android.graphics.Color)	4288456700 (0xFF9CA7FC)
YUV	173.4010, 38.7493, -15.2607
Hunter-Lab	64.6016, 11.5618, -44.5137

Details

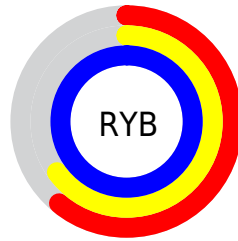
The YUV color **173.4010, 38.7493, -15.2607** is a light color, and the websafe version is hex **9999FF**. A complement of this color would be **234.5990, -38.7493, 15.2607**, and the grayscale version is **173.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **223.0710, 15.7410, -8.8323**, and **119.6350, 37.1549, -17.2199** is the 20% darker color. If you saturate the color by 10%, you get **153.0120, 48.8011, -19.3045**, and if you desaturate by 10%, it is **193.7900, 28.6975, -11.2168**.

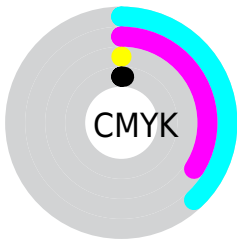
Distribution



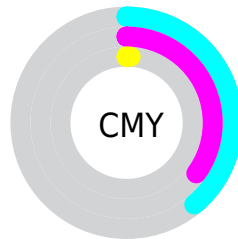
- Red (61%)
- Green (65%)
- Blue (99%)



- Red (61%)
- Yellow (65%)
- Blue (99%)



- Cyan (38%)
- Magenta (34%)
- Yellow (0%)
- Black (1%)



- Cyan (39%)
- Magenta (35%)
- Yellow (1%)

Brightness & Saturation Gradients

These gradients show how the YUV color 173.4010, 38.7493, -15.2607 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 173.4010, 38.7493, -15.2607 by changing the saturation by 10% instead.

■ 173.4010, 38.7493,
-15.2607

■ 173.4010, 38.7493,
-15.2607

255.0000, 0.0000,
0.0000

■ 146.4610, 37.7337,
-16.1903

■ 223.0710, 15.7410,
-8.8323

■ 119.6350, 37.1549,
-17.2199

■ 248.7650, 3.0739,
-5.9329

■ 94.2820, 35.8500,
-18.6643

■ 68.8470, 35.5714,
-22.6678

■ 40.1120, 36.9198,
-35.1782

■ 25.5220, 31.7877,
-22.3828

■ 7.5240, 28.8287,

-6.5985

■ 6.6630, 17.9141,
-5.8435

■ 2.9810, 8.8834,
-2.6143

■ 173.4010, 38.7493,
-15.2607

■ 173.4010, 38.7493,
-15.2607

■ 153.0120, 48.8011,
-19.3045

■ 193.7900, 28.6975,
-11.2168

■ 132.0360, 59.1423,
-22.8336

■ 214.7660, 18.3564,
-7.6878

■ 111.3480, 69.3414,
-27.4922

■ 235.4540, 8.1572,
-3.0292

■ 90.9590, 79.3932,
-31.5360

■ 254.6580, -1.3104,
0.2999

■ 69.9830, 89.7344,
-35.0651

■ 49.5940, 99.7862,
-39.1089

■ 45.7510, 101.6808,
-40.1236

Harmonies

Analogous

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



156.2470, 48.6852, -75.6386



173.4010, 38.7493, -15.2607



178.2020, 24.0574, 30.5178

Triad

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



173.4010, 38.7493, -15.2607



172.8230, -31.4647, 58.9142



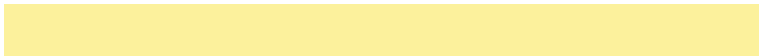
147.1390, 5.3545, -84.3139

Complementary

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



173.4010, 38.7493, -15.2607



234.5990, -38.7493, 15.2607

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.



160.5740, -20.9890, -34.7064



173.4010, 38.7493, -15.2607



170.5630, -40.7036, 35.4632

Square

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



173.4010, 38.7493, -15.2607



174.6560, -14.6204, 69.5847



166.2770, -37.1116, 3.2651



137.3790, 31.3652, -120.4814

Rectangle

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



173.4010, 38.7493, -15.2607



177.2450, 12.2042, 52.4051



166.2770, -37.1116, 3.2651



153.5130, -5.1829, -64.4709

Sweetspot

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



173.4010, 38.7493, -15.2607



231.9530, 11.3622, -4.3438



222.0420, 9.3463, -57.9188



114.1120, 6.8468, -2.7292



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.



173.4010, 38.7493, -15.2607



158.9690, 47.3433, -18.3898



178.0070, 36.4785, 13.1489



114.6560, 5.0996, -2.3293



34.4600, 76.1882, -30.2214



11.0630, 24.6189, -9.7023

Inverse Universe

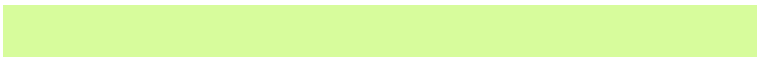
The Inverse Universe completely reimagines the original color for something new.



185.9580, -9.3463, 57.9188



174.4650, -11.5682, 70.6292



229.9930, -36.4785, -13.1489



116.1150, -1.0427, 7.7921



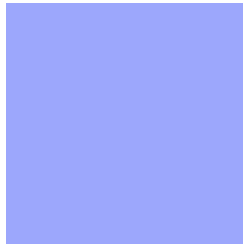
59.0190, -18.2504, 113.9933



19.0370, -5.9342, 36.8016

Previews

White Background



This preview shows how the YUV color 173.4010, 38.7493, -15.2607 looks on a white background.

Color Contrast Check

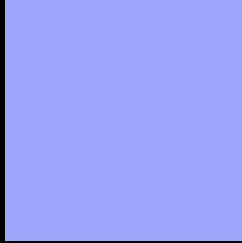
Large Text (above 18pt) WCAG AA × Fail

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 173.4010, 38.7493, -15.2607 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

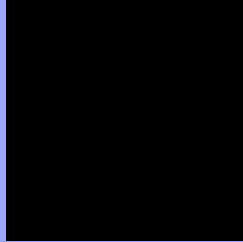
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 173.4010, 38.7493, -15.2607

Background



This preview shows how black text looks on a background with the YUV color 173.4010, 38.7493, -15.2607.



This preview shows how white text looks on a background with the YUV color 173.4010, 38.7493, -15.2607.

-15.2607.

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

173.4010, 38.7493, -15.2607

Protanopia

171.8020, 40.5236, -24.3824

Deuteranopia

171.1500, 39.3660, -26.4416



Tritanopia

169.5330, 11.5692, -24.1464

Trichromacy



Original Color

173.4010, 38.7493, -15.2607

Protanomaly

172.2970, 39.7866, -21.3085

Deuteranomaly

172.0580, 38.9184, -22.8529

Tritanomaly

171.0740, 21.1625, -21.1129

Monochromacy



Original Color

173.4010, 38.7493, -15.2607

Achromatopsia

173.0000, 0.0000, 0.0000

Achromatomaly

173.3380, 14.1304, -5.5584

CSS Examples

Text

The CSS property to change the color of the text to YUV 173.4010, 38.7493, -15.2607 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(156, 167, 252)` looks like.

```
.text, #text, p{  
    color:rgb(156, 167, 252)  
}
```

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(156, 167, 252) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(156, 167, 252) }
```

Border

The CSS property to change the border of an element to YUV 173.4010, 38.7493, -15.2607 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(156, 167, 252) }
```


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

```
.border{ border-color:rgb(156, 167, 252) }
```

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

Here you see how a box with a 4 pixel rgb(156, 167, 252) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(156, 167, 252); -webkit-box-  
shadow:4px 4px 4px 4px rgb(156, 167, 252);  
box-shadow:4px 4px 4px 4px rgb(156, 167,  
252) }
```

Background

The CSS property to change the background color of an element to YUV 173.4010, 38.7493, -15.2607 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(156, 167, 252) }
```

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

```
.background{ background-color: rgb(156,  
167, 252) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor