

Converting Colors

YUV(148.5220, 38.6897, 3.9272)

Have a look what the booklet for
YUV(148.5220, 38.6897, 3.9272)
contains.

YUV(148.5220, 38.6897, 3.9272)	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(148.5220, 38.6897,
3.9272)**

Conversions

Conversions Part 1

Format	Color
Hex	9983E3
RGB	153, 131, 227
RGB Percent	60%, 51%, 89%
CMY	0.4000, 0.4863, 0.1098
CMYK	0.33, 0.42, 0.00, 0.11
HSL	254°, 63%, 70%
HSV	254°, 42%, 89%
XYZ	35.1183, 28.5510, 76.3330
YIQ	148.5220, -17.7040, 34.5200

Conversions

Conversions Part 2

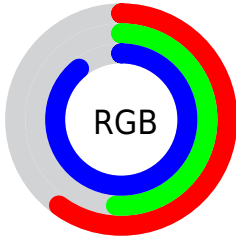
Format	Color
R_{YB}	153, 131, 227
Decimal	10060771
CIE _{Lab}	60.38, 29.55, -45.97
CIE _{LCh}	60, 54.651, 302.728
Yxy	28.5510, 0.2508, 0.2039
Android (android.graphics.Color)	4288250851 (0xFF9983E3)
YUV	148.5220, 38.6897, 3.9272
Hunter-Lab	53.4331, 23.8092, -47.2968

Details

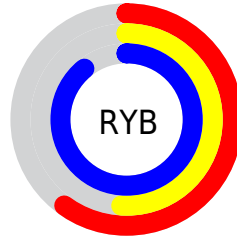
The YUV color $148.5220, 38.6897, 3.9272$ is a light color, and the websafe version is hex $9999FF$. A complement of this color would be $209.4780, -38.6897, -3.9272$, and the grayscale version is $148.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $199.8680, 27.1801, 8.8858$, and $96.3430, 36.8059, 1.4532$ is the 20% darker color. If you saturate the color by 10%, you get $129.9380, 47.8516, 5.3164$, and if you desaturate by 10%, it is $167.1060, 29.5277, 2.5380$.

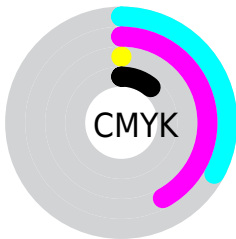
Distribution



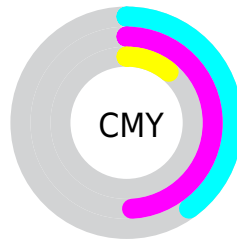
- Red (60%)
- Green (51%)
- Blue (89%)



- Red (60%)
- Yellow (51%)
- Blue (89%)



- Cyan (33%)
- Magenta (42%)
- Yellow (0%)
- Black (11%)



- Cyan (40%)
- Magenta (49%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the YUV color 148.5220, 38.6897, 3.9272 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 148.5220, 38.6897, 3.9272 by changing the saturation by 10% instead.

■ 148.5220, 38.6897,
3.9272

■ 148.5220, 38.6897,
3.9272

■ 255.0000, 0.0000,
0.0000

■ 122.5820, 37.6741,
2.9976

■ 199.8680, 27.1801,
8.8858

■ 96.3430, 36.8059,
1.4532

■ 224.9750, 14.8023,
12.2999

■ 71.9900, 35.5009,
0.0088

■ 246.1950, 4.3409,
7.7220

■ 47.7400, 34.6382,
-3.2800

■ 21.7990, 35.1021,
-12.1017

■ 7.8660, 30.1391,
-6.8985

■ 6.8910, 18.7877,

-6.0434

■ 3.3230, 10.1938,
-2.9143

■ 0.0000, 0.0000,
0.0000

■ 148.5220, 38.6897,
3.9272

■ 148.5220, 38.6897,
3.9272

■ 129.9380, 47.8516,
5.3164

■ 167.1060, 29.5277,
2.5380

■ 111.6420, 56.8715,
5.5760

■ 185.4020, 20.5078,
2.2784

■ 93.0580, 66.0334,
6.9651

■ 203.9860, 11.3459,
0.8893

■ 74.1750, 75.3427,
7.7395

■ 222.8690, 2.0366,
0.1149

■ 55.5910, 84.5046,
9.1287

■ 241.4530, -7.1253,
-1.2743

■ 41.4260, 91.4880,
9.2734

■ 251.8080,
-12.2303, 2.7994

Harmonies

Analogous

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



128.1960, 56.1054, -75.5939



148.5220, 38.6897, 3.9272



149.1230, 20.6454, 51.6351

Triad

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



148.5220, 38.6897, 3.9272



142.8690, -41.3474, 55.3659



116.1890, 16.1758, -101.8978

Complementary

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



148.5220, 38.6897, 3.9272



209.4780, -38.6897, -3.9272

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.



121.2860, -10.9870, -69.5338



148.5220, 38.6897, 3.9272



139.7220, -48.6699, 23.9228

Square

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



148.5220, 38.6897, 3.9272



143.6970, -23.5146, 75.6877



134.7540, -37.3467, -14.6933



120.9600, 36.9947, -106.0819

Rectangle

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



148.5220, 38.6897, 3.9272



146.4600, 6.1822, 70.6336



134.7540, -37.3467, -14.6933



113.6640, 9.0396, -99.6833

Sweetspot

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



148.5220, 38.6897, 3.9272



227.8550, 13.3825, 1.0042



185.9690, 20.2283, -48.2078



110.8890, 8.4357, 0.9743



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.



148.5220, 38.6897, 3.9272



148.7900, 52.3615, 5.4462



162.5750, 31.7615, 32.8217



105.2650, 4.7994, 0.6446



32.6650, 72.1432, 7.3098



9.4020, 20.5078, 2.2784

Inverse Universe

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



168.1400, 18.1720, 51.6202



175.2700, 24.5169, 69.9232



195.4250, -31.7615, -32.8217



107.6140, 2.1623, 6.4775



69.2530, 33.8923, 96.2481



19.6950, 9.5174, 27.4545

Previews

White Background



This preview shows how the YUV color 148.5220, 38.6897, 3.9272 looks on a white background.

Color Contrast Check

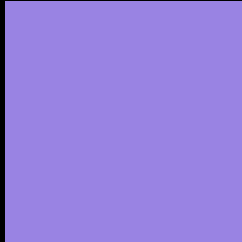
Large Text (above 18pt) WCAG AA ✓ Pass

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 148.5220, 38.6897, 3.9272 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

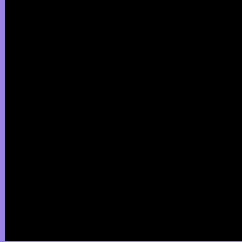
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 148.5220, 38.6897, 3.9272

Background



This preview shows how black text looks on a background with the YUV color 148.5220, 38.6897, 3.9272.



This preview shows how white text looks on a background with the YUV color 148.5220, 38.6897,

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

148.5220, 38.6897, 3.9272

Protanopia

142.6640, 46.5076, -30.4003

Deuteranopia

142.3450, 40.2559, -31.8746



Tritanopia

145.2750, 6.2734, -5.5032

Trichromacy



Original Color

148.5220, 38.6897, 3.9272

Protanomaly

144.6440, 43.5595, -18.1048

Deuteranomaly

144.6070, 39.6337, -18.9493

Tritanomaly

146.6850, 17.9033, -2.3547

Monochromacy



Original Color

148.5220, 38.6897, 3.9272

Achromatopsia

149.0000, 0.0000, 0.0000

Achromatomaly

148.3820, 14.1087, 1.4190

CSS Examples

Text

The CSS property to change the color of the text to YUV 148.5220, 38.6897, 3.9272 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(153, 131, 227)` looks like.

```
.text, #text, p{  
    color:rgb(153, 131, 227)  
}
```

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(153, 131, 227) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(153, 131, 227) }
```

Border

The CSS property to change the border of an element to YUV 148.5220, 38.6897, 3.9272 is called "border". The border property can be set on classes, ids or directly on the HTML element.

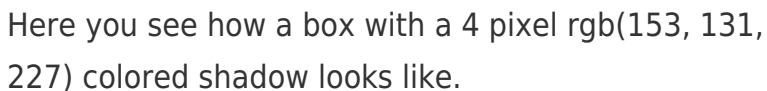
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(153, 131, 227) }
```


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

```
.border{ border-color:rgb(153, 131, 227) }
```

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



Here you see how a box with a 4 pixel `rgb(153, 131, 227)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(153, 131, 227); -webkit-box-shadow:4px 4px 4px 4px rgb(153, 131, 227); box-shadow:4px 4px 4px 4px rgb(153, 131, 227) }
```

Background

The CSS property to change the background color of an element to YUV 148.5220, 38.6897, 3.9272 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(153, 131, 227) }
```

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

```
.background{ background-color: rgb(153,  
131, 227) }
```

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