

Converting Colors

YUV(153.1520, 39.8581, 2.4977)

Have a look what the booklet for
YUV(153.1520, 39.8581, 2.4977)
contains.

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Color

**YUV(153.1520, 39.8581,
2.4977)**

Conversions

Conversions Part 1

Format	Color
Hex	9C88EA
RGB	156, 136, 234
RGB Percent	61%, 53%, 92%
CMY	0.3882, 0.4667, 0.0824
CMYK	0.33, 0.42, 0.00, 0.08
HSL	252°, 70%, 73%
HSV	252°, 42%, 92%
XYZ	37.3657, 30.6168, 81.7821
YIQ	153.1520, -19.5380, 34.7180

Conversions

Conversions Part 2

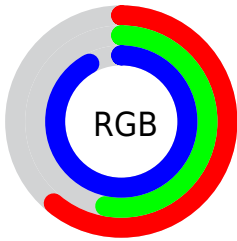
Format	Color
R _Y B	156, 136, 234
Decimal	10258666
CIE Lab	62.18, 29.29, -47.00
CIE LCh	62, 55.381, 301.926
Yxy	30.6168, 0.2495, 0.2044
Android (android.graphics.Color)	4288448746 (0xFF9C88EA)
YUV	153.1520, 39.8581, 2.4977
Hunter-Lab	55.3324, 23.7086, -48.8988

Details

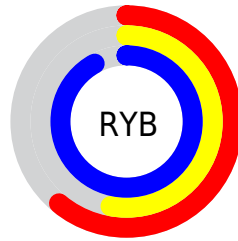
The YUV color **153.1520, 39.8581, 2.4977** is a light color, and the websafe version is hex **9999FF**. A complement of this color would be **216.8480, -39.8581, -2.4977**, and the grayscale version is **153.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **204.2870, 25.0015, 7.6413**, and **100.9730, 37.9743, 0.0237** is the 20% darker color. If you saturate the color by 10%, you get **133.9700, 49.3148, 2.6573**, and if you desaturate by 10%, it is **172.3340, 30.4013, 2.3381**.

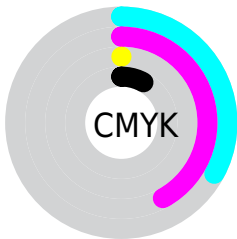
Distribution



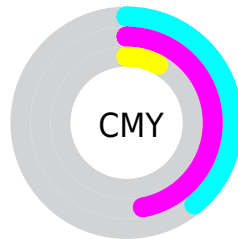
- Red (61%)
- Green (53%)
- Blue (92%)



- Red (61%)
- Yellow (53%)
- Blue (92%)



- Cyan (33%)
- Magenta (42%)
- Yellow (0%)
- Black (8%)



- Cyan (39%)
- Magenta (47%)
- Yellow (8%)

Brightness & Saturation Gradients

These gradients show how the YUV color 153.1520, 39.8581, 2.4977 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 153.1520, 39.8581, 2.4977 by changing the saturation by 10% instead.

■ 153.1520, 39.8581,
2.4977

■ 153.1520, 39.8581,
2.4977

■ 255.0000, 0.0000,
0.0000

■ 126.3260, 39.2793,
1.4681

■ 204.2870, 25.0015,
7.6413

■ 100.9730, 37.9743,
0.0237

■ 228.8070, 12.9131,
11.5703

■ 75.7340, 37.1061,
-1.5207

■ 249.7170, 2.6045,
4.6332

■ 51.3700, 35.8066,
-4.7095

■ 25.4290, 36.2705,
-13.5312

■ 8.4360, 32.3231,
-7.3984

■ 8.1620, 21.1191,

-7.1581

■ 4.4800, 12.0884,
-3.9290

■ 0.0000, 0.0000,
0.0000

■ 153.1520, 39.8581,
2.4977

■ 153.1520, 39.8581,
2.4977

■ 133.9700, 49.3148,
2.6573

■ 172.3340, 30.4013,
2.3381

■ 114.5000, 58.9135,
3.9465

■ 191.8040, 20.8026,
1.0489

■ 95.3180, 68.3702,
4.1061

■ 210.9860, 11.3459,
0.8893

■ 75.8480, 77.9689,
5.3953

■ 230.4560, 1.7472,
-0.3999

■ 56.6660, 87.4257,
5.5549

■ 249.6380, -7.7095,
-0.5595

■ 41.0280, 95.1352,
6.1144

■ 252.6060, -9.1728,
2.0995

Harmonies

Analogous

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



131.3310, 58.0108, -80.0973



153.1520, 39.8581, 2.4977



154.2370, 21.0822, 51.5352

Triad

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



153.1520, 39.8581, 2.4977



147.7660, -41.7896, 57.2102



119.4660, 16.0393, -104.7717

Complementary

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



153.1520, 39.8581, 2.4977



216.8480, -39.8581, -2.4977

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.



126.9550, -12.3028, -67.4895



153.1520, 39.8581, 2.4977



144.5050, -49.5490, 25.8671

Square

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



153.1520, 39.8581, 2.4977



148.7080, -23.5200, 77.4321



139.1240, -38.5151, -13.2637



124.4650, 37.7318, -109.1558

Rectangle

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



153.1520, 39.8581, 2.4977



151.4000, 7.1978, 71.5632



139.1240, -38.5151, -13.2637



116.9410, 8.9031, -102.5573

Sweetspot

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



153.1520, 39.8581, 2.4977



227.8550, 13.3825, 1.0042



192.9580, 20.2337, -49.9522



110.5900, 8.5831, 0.3596



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.



153.1520, 39.8581, 2.4977



150.2520, 51.6408, 3.2870



167.8030, 32.6351, 32.6218



107.8520, 4.5100, 0.1298



31.6970, 73.6064, 4.6507



9.4450, 21.9656, 1.3637

Inverse Universe

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



174.1940, 19.6244, 52.4499



177.4870, 25.3959, 67.9789



202.1970, -32.6351, -32.6218



110.3150, 2.3097, 5.8627



70.5350, 36.2182, 96.8778



21.0480, 10.8223, 28.8989

Previews

White Background



This preview shows how the YUV color 153.1520, 39.8581, 2.4977 looks on a white background.

Color Contrast Check

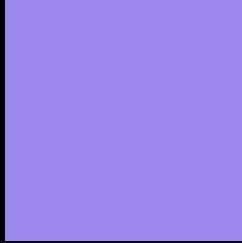
Large Text (above 18pt) WCAG AA × Fail

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 153.1520, 39.8581, 2.4977 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

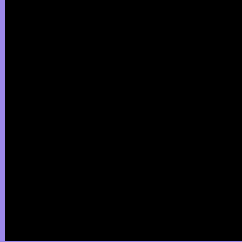
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 153.1520, 39.8581, 2.4977

Background



This preview shows how black text looks on a background with the YUV color 153.1520, 39.8581, 2.4977.



This preview shows how white text looks on a background with the YUV color 153.1520, 39.8581, 2.4977.

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

153.1520, 39.8581, 2.4977

Protanopia

147.5930, 47.5287, -31.2151

Deuteranopia

147.2740, 41.2769, -32.6893



Tritanopia

149.3780, 6.7156, -7.3475

Trichromacy



Original Color

153.1520, 39.8581, 2.4977

Protanomaly

149.5730, 44.5805, -18.9195

Deuteranomaly

149.5360, 40.6548, -19.7641

Tritanomaly

150.9020, 18.7823, -4.2991

Monochromacy



Original Color

153.1520, 39.8581, 2.4977

Achromatopsia

153.0000, 0.0000, 0.0000

Achromatomaly

153.0830, 14.2561, 0.8042

CSS Examples

Text

The CSS property to change the color of the text to YUV 153.1520, 39.8581, 2.4977 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, 136, 234)` looks like.

```
.text, #text, p{  
    color:rgb(156, 136, 234)  
}
```

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, 136, 234) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(156, 136, 234) }
```

Border

The CSS property to change the border of an element to YUV 153.1520, 39.8581, 2.4977 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, 136, 234) }
```


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

```
.border{ border-color:rgb(156, 136, 234) }
```

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

Here you see how a box with a 4 pixel `rgb(156, 136, 234)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(156, 136, 234); -webkit-box-shadow:4px 4px 4px 4px rgb(156, 136, 234); box-shadow:4px 4px 4px 4px rgb(156, 136, 234) }
```

Background

The CSS property to change the background color of an element to YUV 153.1520, 39.8581, 2.4977 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(156, 136, 234) }
```

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

```
.background{ background-color: rgb(156,  
136, 234) }
```

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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